

*SaSaD*

DIRECTORY | 2021

# STRENGTH THROUGH PERFORMANCE



# INTRODUCTION



SaSaD is the representing association of high technology manufacturers of Turkish Aerospace, Defense & Security Sector. As of 2020, the sector represented by SaSaD creates around 77.000 jobs; generates more than \$8,8 billion revenue and \$2,2 billion exports and carry out \$1,2 billion worth R&D initiatives.

This Directory provides a comprehensive list of association members who deliver the major portion of Turkish Armed Forces' equipment needs. SaSaD members are also the potential cooperation partners of foreign suppliers for international markets as well as Turkish market.

In the Directory; turnkey platforms & systems, components, equipment and services are outlined including the contact details of the related companies to enable interested parties to get in contact directly. In company profiles, technological capabilities are also addressed. Most of the systems and products are combat proven and all of them comply with NATO specs.

In case of a requirement that may not be met by the existing portfolio of products, it is possible that our members would form a team to fulfill such a requirement. Should any need arises in this scope, SaSaD is the right address to get in contact.

We are proud to serve Turkish Armed Forces and friendly countries' defense & security needs with our great portfolio of products, capabilities and services.

**Osman OKYAY**  
Chairman of Board  
SaSaD

# ABOUT SaSaD

SaSaD was established in 1990 with the directive and full support of the Ministry of National Defence to represent the Turkish Defence Industry. In 2012, the Turkish Civil Aviation and Space Industry Manufacturers joined SaSaD and SaSaD's name was changed as Savunma ve Havacılık Sanayii İmalatçılar Derneği (Defence and Aerospace Industry Manufacturers' Association). Today SaSaD is the primary association to represent Defence, Aerospace, Space and Security sectors in Turkey.

SaSaD has 208 members including 5 clusters having approximately 1.000 members under their umbrella.

SaSaD has been representing a sector of high technology and added value with \$8,8 billion revenue, \$2,2 billion export activities and \$1,2 billion R&D activities. The sector provides employment to 77.000 employees that are directly working at sectorial institutions. Most of them (24%) are engineers, the remaining are university graduates (%12) and technicians (%49) . Only 14 % are non-skilled employees.

SaSaD is an active member of European Aerospace, Defence and Security Association (ASD).

SaSaD's mission:

- To ensure that strategic interests of Turkish Defence, Aerospace, Space and Security industry are properly represented
- To create the best climate in which its members can do their business
- To become a single address for its members as well as those foreign companies requesting to establish relations with the sector
- To establish the sectorial common view regarding economic, legal and commercial aspects affecting the sector and perform lobbying activities with government officials regarding such views
- To provide information regarding the domestic and international market opportunities and organize events to bring its members with national and international sector players in order to achieve synergy and cooperation
- To prepare reports by collecting statistics and data as well as making analysis about the sector performance

# Invested in the Future of Turkey

Leonardo has been a pillar of the Turkish defence industry for more than 30 years; Contributing to Turkey's prosperity, domestic intellectual property and the national defence.

Leonardo Turkey offers domestic and export customers a broad range of leading-edge equipment, systems and logistic support services for civil, parapublic and military mission success.

Inspired by the vision, curiosity and creativity of the great master inventor - Leonardo is designing the technology of tomorrow.

## **EXECUTIVE BOARD MEMBERS**

Osman OKYAY	Chairman
Uğur COŞKUN	Vice Chairman
Zeynep ÖKTEM	Treasurer
Prof.Dr. Haluk GÖRGÜN	Member
Prof.Dr. Temel KOTİL	Member
Murat İKİNCİ	Member
Yasin AKDERE	Member
K.Nail KURT	Member
Özgür GÜLERYÜZ	Member
Mehmet Akif NACAR	Member
Öner TEKİN	Member
Yılmaz GÜLDOĞAN	Member
Selçuk K. ALPARSLAN	Member

## **GENERAL SECRETARIAT**

Hüseyin BAYSAK	Secretary General
Yılmaz KÜÇÜKSEYHAN	Deputy Secretary General
Ceren ASALIM	Specialist
Aslı BURSA	Specialist

# Our Technology Is Beyond the Sky

As the pioneering technology developer  
and innovation leader of Turkey since the year 1988,  
our objective to achieve the best for Turkey continues.





# AÇIK DENİZ

Secure Instant Messaging App & Secure Document Storage App &  
Secure Enterprise Collaboration App



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**Erhan Akçay** Chairman/General Manager

**Mustafa Uğuz** Director, Corporate Affairs

**Suat Kurugöllü** Director, Defence Industry

**Ferhat Balaban** Director, R&D

## Profile

AÇIK DENİZ Informatics Consulting Company was established in Uşak in 2008 and made a name for itself with "Türk Messenger" in 2011. The company, which restructured in 2013, united with Akçay Companies Group and launched its R&D in İstanbul. During this period, it executed some projects like Turkcell Fizy, Hüriyet e-news, Insurance Information Center.

The Secure Instant Messaging Application named SİPER has started to be developed since 2015. After the completion of developments in 2018, it successfully passed the security and penetration tests executed by UITSEC Testing Company.

AÇIK DENİZ Company developed the product named AMBAR which functions as secure documents archiving and sharing. Moreover, thanks to the product named AKSIYON belonging to the Company, it has become possible to develop a management system both for SİPER and AMBAR, and to create a product through which all the tasks belonging to the company could be managed.

The Company is still working on intrusion detection and prevention through artificial intelligence software.

The business partnership agreement between AÇIK DENİZ Company and HAVELSAN Company was signed in 2018 and the Company is a member of "Defence and Aerospace Industry Manufacturers Association (SaSaD)", "Turkish Cyber Security Cluster" and "Turkish Information Security Association".



# TURKISH DEFENSE INDUSTRY **CRITICAL SYSTEMS SUPPLIER**



- | C4ISR SOLUTIONS
- | AVIONICS & EMBEDDED SYSTEM SOLUTIONS
- | ELECTRO MECHANICAL ASSEMBLIES
- | ELECTRONICS ASSEMBLIES
- | WIRING HARNESS

# AKANA

Design & Production Of Special Purpose Machines & Test  
Equipment For Defence & Aerospace Industry



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**Hayrettin Türk** Director

**Galip Çapçı** Director

## Profile

As a solution partner for the Aerospace & Defence Industry, AKANA Engineering has been implementing engineering, design, R&D and production projects for the last 20 years. AKANA Engineering's main objective is to apply the exact engineering solutions; feasible Design and Production Technologies to fulfill the requirements of the projects. Its vision is to become a worldwide known and reliable, leading engineering company which implements all activities, starting from critical part production up to the establishment of turn-key facilities, by developing new Technologies. AKANA has experience in the design and manufacturing of energetic material processing equipment like double planetary kneaders. The family of kneaders includes the capacities of 1 lt., 1 gallon, 30 gallon, 150 and 300 gallon mixers. The equipment are ex- proof and have temperature / pressure control. AKANA is also a qualified vendor for NSPA which is the supply agency of NATO. Depending on its experience in demilitarization facility design and installation, AKANA has been assigned by NATO to supply a turn-key facility for demilitarization.

AKANA CAPABILITIES;

Special Purpose Machine & Test Equipment (Design and Production)

Mechanical/Mechatronic systems

Hydraulic /Pneumatic systems

Demilitarization Facilities (Design and Production)

Machine & Equipment

Ammunition (Design & Production)

Transfer Systems

Machine & Equipment / Facility

Energetic Material Production/Test Equipment

Aerospace

Grips (Cyclic & Collective)

UAV Launcher

Project Management

National & International

With its new facility in Baskent Industrial Zone, AKANA continues to develop and serve for the industry with its growing engineering staff and technological investments.

AKANA is planning to make collaboration and technology transfer with foreign companies in the field of design and manufacturing for the defence and aerospace industries ,through out the world.

Main references of AKANA are; ASELSAN, TAI, FNSS, TÜBİTAK SAGE, MIKEK, ROKETSAN, NSPA-NATO, OTOMELARA-ITALY, ECOLOGIA-ITALY, ESPLODENTI SABINO, ITALY etc.

# AKGÜN

Research & Development, Information Technologies, Software, Engineering



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**Hakan KARATAŞ** General Manager & Executive Board Member

**Züleyha Akgün GENÇER** Deputy General Manager & Executive Board Member

**Alper ŞEKER** Deputy General Manager

## Profile

### AKGÜN

Considering information and technology as an important part of life, AKGÜN was established in 1986 and offers products and solutions for information technologies, health, education, telecommunications and defense sectors.

AKGÜN, which adds value to its customers by offering high-tech products and solutions and serving more than 400 corporate customers simultaneously in Turkey and in worldwide, has also certified its products as DOMESTIC and NATIONAL with the "LOCAL GOODS CERTIFICATE". Our products are multi-language supported, have national and international quality accreditations and besides our company implements professional business processes in its projects with CMMI Level 3 certificate. With this approach, AKGÜN offers effective solutions in the fields of System Integrator, Telecom Projects and Applications, ICT Information and Communication Technologies at local and worldwide.

Considering standardization as an important part of its success since its establishment, AKGÜN has integrated its software with new technologies and created relevant scientific and technological disciplines within the company.

Solutions produced by AKGÜN that can work integrated or independently from end to end, providing an uninterrupted, sustainable and safe structure are as follows.

### OUR SOLUTIONS:

Hospital Automations  
University Hospitals Automations  
City Hospital Automations (PPP)  
Artificial Intelligence Applications

University, Student and Campus Automations

GSM Operator Automations

Teleradiology and Telemedicine Systems

Sectoral Cloud Software

R&D Software Production

Mobile Applications

Decision Support Systems

Artificial Intelligence

IOT

Big Data

Data Mining

Image Processing

System Integration

Network, Communication and Information Security Technologies

Consultancy

Disaster Recovery Centers

Medical IT Consulting Services and Turnkey Projects

It operates as an R&D Center with its R&D and Innovation Solutions.

# YOUR STRATEGIC SOLUTIONS PARTNER IN DEFENSE AND AEROSPACE

Thanks to our professional experience, supreme engineering skills, precise manufacturing technologies, assembly, system & sub-system integration, special processing and testing capabilities, we are more than ready to be your strategic solution partner.



# NATIONAL TECHNOLOGY AT THE HEIGHTS

By locally and nationally developing Turkey's leading technologies and platforms in the field of defense and aviation, we are raising the flag of our country to the skies.

Through our new business models we provide 360 degrees services, including production and maintenance of our unmanned aerial vehicles, and we work day and night for the localization of all technologies.



UAVERA



COSKUNÖZ  
HOLDING



# AKKAR

Weapons And Defense Industry Company



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**Özge Alkılınc** R&D Manager / Msc. Metallurgical and Materials Engineer

**Semih Polat** Commercial Manager / Mechanical Engineer

**Levent Salmayenli** Technical Manager / Mechanical Engineer

## Profile

AKKAR was established in 1989, in İstanbul; specifically focused on shotgun producing. In 1992, Turkey's first pump action and gas operated semi-automatic shotguns were begun producing with a very innovative collaboration of many shooters minds.

Since then, it has proven itself with its superior quality and has been supplying to worldwide civilian and law enforcement markets.

As a sole producer, AKKAR has the capability of designing and manufacturing of all the components of a shotgun, in-house via its high-tech design, development and production facilities. From idea to market, every product is created by using CAD/CAM systems, according to your exact needs.

AKKAR has a wide shotgun product range that includes a good combination what you really need; well-balanced sporting, hunting and as well as tactical shotguns. For those purposes shotguns are produced in different gauges as pump-action, semi-auto and over & under.

In addition, as a reliable partner, AKKAR manufactures shotguns for world-famous brands. Different accessories, for hunting and law enforcement are also produced by AKKAR.

Besides the production of its own guns, AKKAR is also capable of decorating its products with very well-known camouflage patterns. And also, our patented environmental friendly metal finishing technology ORCAP® (Organic Chemical AKKAR Process) is a new way of feeling solid steel in an aesthetic unique look.

AKKAR has registered trademarks which certifies our quality and our guarantee; Churchill, Altay, Karatay, Maxi-Mag, M-2000, Armstrong, Apache, Komanchi and Poseidon.

Quality control and management is a major mission for all processes of every single step, that's why AKKAR Silah Sanayi ve

Tic. Ltd. is accredited for the compliance of ISO 9001-2015. We are always in a movement to improve our standards. And now we are getting to start work with defence and airspace industry and working on R&D CENTER for defence industry. Same time we applied to facility security clearance after we got this we will apply to AS9100.

Our company will proudly continue to have the honor of serving all precious customers with AKKAR quality and guarantee for the years to come.

# EMPOWER

YOUR FUTURE



**TF**

*TURKISH FIGHTER*



# ALP AVIATION

Aviation



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**Semih Soyer** Deputy General Manager of Finance and CFO

**Yusuf Türkel** Deputy General Manager of Operations, COO

**Melek Akdoğan** Communications Leader

**Yılmaz Güldoğan** General Manager of Alpteknik Aviation

## Profile

Alp Aviation is a privately owned company with its absolute dedication to the aerospace industry, highest standards, constant innovation and efficient operations. Alp Aviation successfully competes in the global arena and continues to exceed customers' expectations of cost, quality and on-time delivery.

Alp has four facilities on its campus in Eskişehir, Turkey, with a combined production area of 500,000 square feet, entirely air-conditioned.

Today, Alp employs around 1,300 qualified personnel, including 240 engineers, and has extensive experience in machining and processing titanium, aluminum, nickel, steel, stainless steel, copper and superalloys. Alp manufactures helicopter dynamic parts and assemblies; gears and gearboxes; helicopter tail rotor drive shaft system parts and assemblies; dynamic and static engine and APU parts, including IBRs, engine shafts and hubs; landing gear parts and assemblies; structural parts and assemblies; and hydraulic and fuel systems tube assemblies.

Alp utilizes next-generation multi-axis machining centers and CMM quality control. The company is equipped to apply special processes, complete all assembly operations and perform final acceptance tests. Alp is also rapidly developing its design capabilities for aircraft components and subsystems.

Alp counts the world's leading aerospace companies among its clients, including Sikorsky, Raytheon Technologies companies (Pratt & Whitney, Pratt & Whitney Canada and Collins Aerospace), Lockheed Martin Aero, Honeywell, Boeing, Turkish Aerospace Industries, TUSAS Engine Industries and Aselsan.

With these customers and others, Alp makes significant contributions to air platforms such as the Black Hawk, Seahawk, S-76, S-92, CH-53, CH-47, F-35, F-22, Boeing 737, Boeing 747,

Boeing 767, Boeing 777, Boeing 787, Airbus 320, Airbus 330, Airbus 340, Airbus 350, Airbus 380, Airbus A400M, Gulfstream planes and Bombardier models, as well as engine programs such as the F135, F100, all GTF engines, PW150, PW305, PW530, PW535, PW545 and PW600.

Alp Aviation has been approved as Research and Development Center by Turkish Government in 2013.

Alp Aviation's fully owned subsidiary, Alpteknik Aviation is established in 2013 and it is headquartered in Ankara, Alpteknik Aviation continues to offer after-sales services in the aviation sector. Alpteknik has been appointed by Sikorsky Aircraft Corporation, a Lockheed Martin company, as the sole distributor for Sikorsky fixed and rotary wing aircraft spare parts, accessories and repairs in Turkey.

Alpteknik is also the Sales Representative for the commercial aircrafts S-76, S-92, S-61 and M28 in Turkey and Central Asia Countries.

Alpteknik Aviation provides service as spare parts supplier to the commercial operators of new and pre-owned Sikorsky platforms in Turkey and the Central Asia. It is effectively serving to its customers through its head office in Ankara and its branches, Eskişehir and Izmir Free Trade Zone.

# ADVANCED TECHNOLOGY ENHANCED DESIGN



Environmental  
Control Systems

Fuel Systems

Weapon Systems



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**M. Murad Dural** Chairman

**Baki Şensoy** CEO

**Aykan Üreten** CFO-COO

**Atilla Özdöl** Marketing & Business Development Director

**Özgür Çil** Corporate Marketing & Communications Manager

**Deniz Erdem** Business Development & Customer Relations Manager

## Profile

ALTAY Software was founded in 1957 as one of the first consultancy, domain expertise and technical support company in Turkey. Established in 1998, within the structure of ALTAY Collective Company, ALTAY Software has been providing tailor-made information technology solutions, compatible to international standards, to its customers from military and civilian sectors for more than 20 years. Currently ALTAY, with its more than 120 R&D personnel, continues to provide high quality services in its own 2650 m<sup>2</sup> facility which hosts CMMI 3 level software design and development, test and examination centers as well as a laboratory in which the R&D activities are maintained and information processing center. ALTAY facilities have "National Secret" and "NATO Secret" level facility clearances.

Having made the first defense software export, ALTAY Software has successfully completed and exported 20 defense software projects which are being used in 16 different countries. ALTAY Software Defense Industrial and Trade Co.; was registered as Research & Development Center by the Ministry of Industry and Trade on 15 June 2017.

ALTAY has a robust company culture based on its more than 50 years of experience, know-how at the corporate level including its long standing sectoral knowledge. In this context, ALTAY offers tailor made designs according to its customers' projects and application focused requirements. ALTAY Software's primary domain expertise are;

- Command Control Systems
- Simulation and Education Systems

- System and Software Test Solutions
- Tactical System Solutions
- Tactical Data Link Solutions
- Autonomic System Solutions
- Sensor Integration and Data Fusion
- E-Government and Institutional Solutions
- Industry 4.0 Solutions
- Integrated Logistic Support Solutions
- Defense Products and Services
- Maintenance and Operation
- Industrial Products
- De-mining Services
- UXO Clearance Services
- Unexploded Ammunition Clearance Services

ALTAY has strictly bound to its confidence based management perception and delivered software and technology products/ services to its prominent customers as promised. Institutions and companies where ALTAY had the privilege to offer its products/ services can be listed as; Ministry of National Defense, Ministry of Interior, National Security Council, Turkish Armed Forces, Turkish Naval Forces, Turkish Air Forces, ASELSAN, TUSAŞ Aerospace Industries Inc., ROKETSAN, HAVELSAN, FNSS, Türksat, Altinay, TOBB, Kongsberg Defence Systems, Kongsberg Maritime, Kongsberg NorcontrolIT, Kongsberg Geospatial, Norwegian Naval Forces, South Korea Naval Forces, Philippines Armed Forces, Dyncorp, Telephonics, Denel Mechem, L3 Communications, L3 LINK Simulations. Gama, Nitromak, Ankey.

**ASFAT**

**Türk Savunma Sanayisinin  
Milli Gücü**



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# ALTEK

Aluminium Alloys Manufacturing And Services

**altek**  
Metal San. ve Tic. A.Ş.

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**Candan Karabağlı** Ceo

**Volkan Erciyas** Sales & Marketing Manager

**Muammer Harmancı** Cfo

## Profile

ALTEK METAL San. ve Tic. A.Ş. founded in 1987. Still it has tree manufacturing/service center and 12000 m2 indoor area.

Since 1987 the leading Aluminium distributor of Turkey with the largest global network.

Producing of 5083 Cast Plates & Precision Milled Tooling Plates.

Experts in precision cutting for sheets, plates, tanker & marine sheets, round & flat bars, tubes, etc.

The leading company of Turkey in quality, system approach, traceability & sustainability.

STOCK: Aluminium Plat, Coils & Sheets, Shates, Round Bars & Flat Bars, Profiles: Tubes, Elbows, Special Profiles & Fitting Elements

MAIN SERVICE : Water Jet Cutting, Round Bar & Flat Bar Cutting, Circular Cutting, Cut To Length from Aluminium Coils, CNC, CUT TO SIZE:

- We cut materials with 0,2 mm closed tolerances by
- Thanks to this, loss of material due to need for excess our special cut machines leeway and time loss during the set square procedure at the CNC bench are prevented.
- We provide high dimensional and angular accuracy due to strip aligning device.

### ALUDUR & ALUDUR PLUS

We produce 5083 Cast Plates and Precision milled Tooling Plates under the brand name ALUDUR and ALUDUR PLUS

• By adapting and extended thermal heat treatment the material becomes homogenized and thermally stress relieved. The high stability leads to cost saving on extra operations such as rough milling, finishing or re-works.

• Each plates inspected for thickness, flatness, surface roughness and any other defects and finally covered with PVC foil for protection.

### MAIN FIELDS OF APPLICATION OF ALUDUR & ALUDUR PLUS

- Aircraft Industry Tooling Plates
- Automotive Industry Tooling Plates
- Base Plates, Side Plates and Indexing Tables
- CNC Routing Tables
- Checking Fixtures, Gauges and Templates
- Dielectrics & Electronics
- Food Machinery Parts
- Heating and Cooling Platens
- Medical Instrumentation
- Packaging Machinery and Moulds
- Plastic Components Manufacturing
- Printing Machinery
- Robotics
- Vacuum Chunks

### AS 9120 QUALITY MANAGEMENT SYSTEM

• We are among in the limited number of Stockiest Distributors who can provide Aerospace Requirements on all over the World with obtaining the AS9120 Quality System in 2010, ALTEK METAL is in a position of being able to provide directly materials for the Defense & Aircraft Industries.

### MARKETS

- Defense and Aerospace Industry
- Shipbuilding Industry
- Machine & Mould Industry
- Tanker & Silo Industry
- Automotive Industry
- General Engineering



# ALTINAY Defence Technologies

Equipment And System Development For Defence And Aerospace Industry



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**Hakan Altınay** Chairman

**M. Emin İlkmen** General Manager

**Z. Burak Mercan** Deputy General Manager

**M. Kemal Berkkan** Deputy General Manager

## Profile

As a part of ALTINAY group, ALTINAY Defence Technologies aims to steer our country's technological advancement by developing high value added, unique, human and nature considerate products for the Defence and Aerospace Industry on a foundation of national resources and high skill workforce since 2014. Towards this aim, we offer unique and domestic engineering solutions for the design, manufacturing, analysis, commissioning and installation stages of Electro-Mechanical Motion Systems, Unmanned Aerial Vehicles, Mobile Robots and Ammunition Disposal Systems. Apart from unique designs for customer requirements, we offer our services to Defence and Aerospace Industry, as well as General Industry, with a line of qualified off-the-shelf products. Our three core business areas are:

Motion Systems:

Actuators

Telescopic Mast Systems

Stabilized Platforms (Turrets, Gimbals, Pedestals)

Stewart Platforms

Hardware-in-the-Loop Test Systems

Bomb Rack Units

Manipulators

Unmanned Systems

Unmanned Multirotor Aircrafts

Unmanned Land Vehicles

Unmanned Naval Vehicles

Demilitarization Systems

Ammunition Disassembly

Ammunition Cutting

Explosive Disposal

ALTINAY Defence Technologies HQ, engineering and manufacturing facilities are located in İstanbul. The company also has a dedicated team in Ankara to serve our customers. Our customers and solution partners not only in Turkey but also in Europe, USA and Middle East enjoy our cost effective, competitive and tailor made solutions.

# ALTOY

Defense Industry And Aviation



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**D. Halit Yılmaz** Chairman / Ceo

## Profile

ALTOY Defense Industry and Aviation Inc. is a Turkish Company founded on February 7th of 2014, as an affiliation of AeroVironment, Inc. (USA).

ALTOY aims to develop & manufacture hight technology Unmanned Aerial Systems in Turkey, marketing and sales of such technologies to the world market, test, operate, maintain and repair of these.

ALTOY also has the exclusive rights of joint manufacturing, marketing & sales of AeroVironment Inc. products to the hinterland of Turkey including 20 friendly States.

ALTOY's Vision is;

Bringing advanced UAS technologies to Turkey,

Manufacturing these systems in Turkey and export to global market through Turkey,

Performing maintenance of these systems,

Becoming the foremost company in remote sensing projects.

ALTOY's products are small UAVs (Puma AE, Raven B, Wasp AE, Quantix) manufactured by AeroVironment Inc.

ALTOY's UAV Systems has operational capabilities such as; Defense, Border Security, Surveillance & Reconnaissance, Search & Rescue, Security of Oil & Gas Pipelines, Utilities, Intelligence Gathering, Agricultural Analysis, Fire Prevention, Wide-Band Data Communications, Datalink & Relay.

ALTOY takes its name from the largest flying bird of Turkey, Great

Bustard (Otis tarda), Toy (in Turkish).



## AMEGA

Ameqa Develops Simulation Solutions For Defense Industry, Aviation, Automotive, Construction Equipment, Navigation, Gaming, Education Industry, Academic Researches And Specific Projects



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**Hagop Külegeç** Managing Partner

**Hakan Yıldırıcı** Managing Partner

**Merve Selin İşmen** Corporate Communications & Marketing Specialist

**Mustafa Koyuncu** Mechatronics Engineer

## Profile

AMEGA, is a project design and engineering company, founded in 2004. It develops simulation solutions for defense industry, aviation, automotive, construction equipment, navigation, gaming, education industry, academic researches and specific projects.

We are producing Turkey's first mass production Motion Simulation Bases since 2011. Customer satisfaction maximised by supporting every phase of project design and production with our engineering experience. Expert after-sales team ensures years-long problem free operation.

Our company is ISO 9001:2008 certified.

### Products:

Bell 429 Full size Helicopter Replica and 3DOF Motion Simulation Platform

Cobra II/Scorpion Replica and 6DOF Motion Simulation Platform

Military Vehicle Training Simulator

3DOF Full Electric Motion Simulation Platforms

6DOF Full Electric Motion Simulation Platform

Parachute Operations Training Simulator

# ANADOLU SHIPYARD

Naval Ships, Commercial Ships And Other Sea Platforms Building



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**Cevat Atilhan** General Manager  
**Ayşe Güneş** Finance  
**Zafer Turan** Procurement  
**Ahmet Çetinkaya** Production  
**Akif Doğan** Design  
**Şafak Duruer** Human Resources  
**Olcay Tüter** Planning & Contract Management

**Deniz Celbiş** Weapons & Electronics  
**Erçüment Dokanaçoğlu** Business  
Development and Marketing

## Profile

ANADOLU Shipyard (ADIK), first established in 1950's at the Golden Horn, later moved to Tuzla area and acquired on 28 December 2004 by Furtrans Group, has built over 160 Commercial Ships, including Dry Cargo and Container Ships, Passenger Ships, Tugs, Tankers and Chemical Tankers, up to now. Starting from 2007 onwards, ADIK decided to diversify its activities in order to cover also Naval Shipbuilding activity. In line with this strategic decision; ADIK Naval Defence Group was formed to conduct Ship building and outfitting processes regarding all Naval Vessels. To meet the clients operational requirements; ADIK Naval Defence Group has an in-house strong engineering department covering the complete design, production, integration, building and installation processes in order to execute our projects in defined cost, scheduled time and at utmost quality. As a consequence, ADIK won its first tender for the 8 (Eight) Landing Craft Tank (LCT) and the contract was signed with SSM in June 2009. Project was completed on time by delivering 8 (Eight) Vessels, namely TCG Ç-151 to TCG Ç-158 to Turkish Navy between March 2012 and August 2012. After this success, ADIK took a step forward for an even bigger project. ADIK has won the tender for 2 (Two) Landing Ship Tank (LST) Project for Turkish Naval Forces Command. These vessels were built according to NATO and all other relevant Navy standards. The Project was started in June 2013 and ADIK Class LSTs have been delivered to Turkish Navy in April 2017 and 2018. In addition to the amphibious ships, ADIK is also capable to design, build and integrate Patrol Boats, Fast Patrol Boats, Corvetts and Logistic Ships. After signing contracts in 2018 and 2020, New export projects, for building two Naval Cadet Training ships, 1 LCT, 2 LCM and 1 LCVP to Qatar Emiri Navy, have been executed. ANADOLU Shipyard has National Plant Security Clearance Certificate and NATO Security Clearance Certificate since 2009 (qualifying as one of the very few

shipyards to hold this certificate in Turkey). ANADOLU Shipyard has also Environmental Management, Occupational Health and Safety and Quality Management Systems Certificates.

# ANOVA

Design And Development - Defence Industry



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**Ahmet Açıkgöz** Co-Founder

**Emre Öztürk** Co-Founder

**Mustafa Özer Gelişli** Co-Founder

**Dursun Öner** Managing Partner

## Profile

The ANOVA Group comprises four companies:

Anova R&D Technologies Industry And Trade Inc. Co. Engineering and Computer Com. Ltd. which is a design and simulation software and high performance hardware product and service provider (2003),

Anova , which is a design, simulation and R&D company whose office is in ODTÜ Teknokent (2008),

Anova Defense and Automotive Inc., which is a manufacturing company that produces products designed for the defense sector (2013), and

Numesys Software Systems Inc., which has Elite Channel Partner status, and is the representative of ANSYS, founded in partnership with Figes Inc. (2018)

These are the legal entities that operate within the framework of R&D Today for Tomorrow.

In addition to supporting the defense sector with unique product designs, localization and technological advances, ANOVA also provides services to various branches of industry, including the automotive, major appliances, energy, environment, construction and mechanical manufacturing sectors from its offices in Ankara, İzmir, İstanbul, Bursa and Konya, in the areas of engineering and design. It also has a facility in the Ankara Sincan Organized Industrial Zone.

ANOVA's goal is to produce technologies that decrease our external dependence through localization and technological advances, thus ensuring our companies maintain the ability to create unique designs through Computer-Aided Engineering, to reduce the duration and cost of design processes, to increase the efficiency of their products and give our companies a say in the global market.

Anova's experience comes from the fields of mechanical design, electrical design, software development and simulation technologies, which it uses to contribute in an integrated way to such areas that are vital for our defense sector as:

- Weapon Systems and Military Platform Integration Projects
- Environmental Air-conditioning Systems
- Turbomachines
- Cabin - Console Systems
- Other Projects

As an important strategic business partner of ASELSAN, ANOVA has designed, manufactured and produced many products that were previously procured from abroad, and has played an important role in decreasing our external dependence through its unique products.

# ARES SHIPYARD

Ship Building, Naval Vessels, Patrol Boats



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**Mert Kalafatođlu** Vice Chairman  
**Yonca Kotilođlu** Board Member  
**Ersan Kotilođlu** Shipyard Manager  
**Özgün Utku Alañ** General Manager

## Profile

ARES Shipyard was founded in 2006 by Kalafatođlu family, shipbuilders and sailors from the ancestors from Trabzon, Turkey commencing with successful deliveries of pleasure craft. Nevertheless, a critical milestone has taken place in ARES history after gaining experience in aluminum, steel and composite production. The company has gone through specialization in military and para-military craft with a strategic decision change. Within this context, the shipyard has aimed to become an international defense industry company by investing in human resources, integrated logistics support, quality management and advanced production technologies. The investments resulted in a substantial amount of sales of vessels to various naval forces, coast guard commands, maritime police, and customs directorates, most of which were export programs. Oman, Bahrain, Nigeria, Qatar, Georgia, Tanzania, Republic of Northern Cyprus and Turkmenistan are among the export countries up till today.

ARES has four air-conditioned production facilities in Antalya Free Zone with an enclosed area of 30.000 m<sup>2</sup>, harbor launch, metal, composite and carpenter workshops, paint ovens, training classrooms and visiting client offices with quality management system certificates of ISO 9001, ISO 14001 and ISO 18001, production license and NATO level security clearance granted by the Turkish MoD.

# ARGELA

Research, Development And Innovation Center For 5G Enabling Technologies



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**Bülent Kaytaz** Ceo

**Selim Sarper** Coo

**Metin Balci** Research Technology and Innovation Center Head

**Savaş Tanyeri** Wireless Access Technology and Innovation Center Head

**İsmail Bayraktar** Network and Services Technology and Innovation Center Head

**Burhanettin Takanay** Network and Services Technology and Innovation Center Head

## Profile

Being established in 2004, Argela joined Turk Telekom Group in 2007. We operate as a research, development and innovation center in the field of next-generation telecommunications technologies, in particular enabling technologies for 5G. With its patent applications and intellectual property assets in the U.S., the Company creates added value in the field of next-generation telecommunications technologies, both in Turkey and abroad.

Argela develops high end technologies and solutions for challenging requirements of commercial, defense and government communication projects. It positions its products to telecom operators, Government and Public Safety Sectors globally. While developing products for the current market, Argela continuously searches for the next disruptive technologies and products.

Argela has a wide presence in Central Asia, Middle East, Africa and Turkey with multiple deployments of Regulatory Solutions, Network Performance Monitoring and Intelligent Network Products in various telecom operators.

In the domestic market, Argela develops strategic projects in collaboration with the defense industry. In addition to the 4.5G/LTE Communication System Development Project (ULAK) signed with Turkish Undersecretariat for Defense (SSM) in 2013, the Company also works on Software Defined Networking infrastructure project for public safety and government networks under the MILAT Project signed in 2015 with SSM. Further, Argela continues to collaborate with several government agencies on various other projects related to the defense industry.

Argela operates with high-skilled and experienced personnel having 75% of the staff in R&D. Furthermore Argela collaborates worldwide with technology companies and consortiums to provide integrated solutions.

Argela's solution portfolio includes:

5G Programmable, Virtualized and Sliceable Radio Access Networks

Software Defined Networking and Network Function Virtualization based Network Infrastructure with Enhanced Security and QoS Features

Network Performance Monitoring and Subscriber Analytics

Regulatory Solutions

Signaling Applications

4.5G Macro Base Stations

Fixed Mobile Convergence

Small Cells (LTE)

Autonomous Mobile Network (3G and 4.5G LTE-AAMoN)

The company also carries out a number of projects with various universities and companies within the framework of the European Union FP7 and Celtic Programs.

ARGELA established the ARGELA 5G Center of Excellence in Ankara, in coordination with more than 20 professors from 10+ universities and national/international laboratories, in 2016.

Headquartered in Istanbul, the Company has R&D facilities in Ankara and Sunnyvale, California, USA.

# ARMASS GLASS

Bullet Resistant Glass Manufacturer



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**İsmet Özer** General Manager

**Sevinç Özer** Sales and Marketing Manager

## Profile

As Ada Cam Sanayi ve Ticaret Ltd. Sti. under the brand name Armass Glass® based upon 32 years of the bullet resistant glass sector experience, our initial goal was to present confidence and quality to our customers for an issue which is of particular concern to human life. In line with this objective, we laid the foundations of the long-term trust relationship with our customers by not offering any product, without considering financial losses, below the level of quality we do approve.

We have brought in new levels of expectation in terms of the quality standards and the satisfaction of our customers all around the world for the bullet resistant glass solutions by our constantly innovating and developing technological infrastructure as well as the physical conditions required by today's world.

In order to maintain the continuity and stabilization of these manufacture and innovation solutions, we have always worked and will keep on working with the business partners that supply the best quality products and services, and are the most experienced in their fields in the world.

# ARTRON

Design And Production Expert For The Electronic Hardware And Embedded Software At Both System And Subsystem Level For Defence Industry And Aviation



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**B. Azra Timur** Director, Program Management & Business Development

**Gençer Genç** Director, Strategic Systems

**İsmail Kaya** Director, Finance

**Mehmet Düzok** Director, System Engineering

## Profile

Basic products, uniquely developed by ARTRON:

- Mission avionics (for missile and unmanned platforms)
  - Onboard Computer
  - Inertial Measurement Unit
  - Safe and Arm Devices (SAD)
  - Control Actuator Electronics
  - Onboard Flight Termination
  - Telemetry and Flight Termination
- SMS: Store Management Solutions
  - SMC: Store Management Computer
  - SIU/RIU: Store/Rocket Interface Unit
- Operation Management Systems for Land/Air/Sea Platforms
- INS: Inertial Navigation System Technologies
- Communication Control Units
- Electromechanical Fuzes for Grenade Ammunition
- Electromechanical Control Units
- Ruggedized Industrial Computers
- Vehicle Computers
- Integrated Test System Solutions



# ASELSAN

Defense, Security, Transportation, Energy And Healthcare Systems

# aselsan

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**Prof. Dr. Haluk Görgün** Chairman / Ceo /  
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**Oğuz Şener** Deputy General Manager

**Mustafa Kaval** Deputy General Manager

**Dr. İbrahim Bekar** Deputy General Manager

**Doç. Dr. Hakan Karataş** Deputy General  
Manager

**Prof. Dr. Mehmet Çelik** Deputy General

Manager

**Mehmet Fatih Güçlü** Deputy General Manager

**Osman Devrim Fidancı** Deputy General  
Manager

**Behcet Karataş** Deputy General Manager

**Nuh Yılmaz** Deputy General Manager

## Profile

ASELSAN is an advanced engineering company serving for nations' security, development and prosperity since 1975. Having the advantage of its wide variety of solutions spanning from defense electronics to mission systems, ASELSAN assures performance and quality metrics of its clients including government, public and commercial ones. With our unique legacy of designing, manufacturing, training and field supporting our unmatched products, ASELSAN offers the best value with on time and in budget deliveries.

The company is headquartered in Ankara, Turkey and has international investments in 12 countries including South Africa, Kazakhstan, Jordan, Azerbaijan, Ukraine, Qatar and Pakistan. With its global expansion, ASELSAN is providing reliable and state-of-the-art technologies including end-to-end defense and commercial solutions, transfer of technology programs, localization efforts over 70 countries worldwide. We vigorously consider all opportunities that creates value for people and planet.

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**Sezai Elagöz** Chairman of The Board

**İbrahim Bekar** Board Member

**Mahmut Dereli** Board Member

**Murat Şahin** General Manager

**Kürşad Erbaş** Vice General Manager

## Profile

Aselsan Sivas is established for nationalization of mechanical and optical parts of weapon sights, night vision, goggles and electro optical devices that are designed by ASELSAN.

Aselsan Sivas is officially opened at 28 th of May 2016. Totally 300 personnel is employed at this plant. 20 of these are engineers.

Grinding, polishing, measuring and centering processes are made at optical manufacturing department by using manual and very precise CNC machines. Aselsan Sivas has an annual manufacturing capacity of 20.000 weapon sights, 20.000 night vision goggles, 15.000 various objective sets and 20.000 ocular and collimator sets. Visible lens manufacturing is nationalized with start of production at Aselsan Sivas. In the last year, it has manufactured 100.000 lenses, prisms, optical windows and 80.000 mechanical parts.

Optical thin film coating process is done in a class 10.000 level clean room conditions. Multilayered coating of optical thin films are practiced under high vacuum for obtaining the transmission and reflection values that are required by the design. Finished lenses and witness samples are controlled by visual inspection after coating processes. Witness samples are put under different performance and environmental tests. 99 % transmission, 99% reflection requirements can be fulfilled. Each step of production is confirmed with spectrophotometric measurements.

In the mechanical manufacturing department, technical drawings of the parts that are designed suitable to the standards are taken as

reference and parts are machined with removal of different sized chips from them for reaching required geometrical design and size. This process is done with very precise CNC turning and milling machine in the facility. All these mechanical parts will be verified with CMMI machine measurements.

In the assembly department, technical drawings of the subassemblies are taken as reference and they are manufactured accordingly. Finished subassemblies are assembled for forming whole device and finished devices are tested with respect to system requirements and environmental tests for reaching finished product. All intermediate steps go through quality inspections and nonconformities are reported. This process is repeated during 3 shifts until reaching the perfect product.

In all phases, from the entrance of raw material to warehouse up to finished product AS9100 military and ISO 9001 quality management system standards are followed in each quality control steps.

# ASPILSAN ENERGY

Defence Industry And Energy



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**Ahmet Turan Özdemir** Member Of The Board

**Ferhat Özsoy** General Manager

**Nihat Aksüt** Investment Projects Management Office Director

**Alparslan Turan Ünlü** Governance And Human Resources Manager

**Murat Çavuş** Sales And Marketing Manager

**Şule Hüsrevoğlu** Production Manager

**Murat Aydın** Quality And Certification Manager

**Murat Kaan** Aviation, Naval, Railway Systems Manager

**Erol Postallı** Financial Management Manager

**Evren Bitil** Planning And Pmo Manager

## Profile

ASPILSAN ENERGY was established on May 21, 1981, on a capital donated by real and legal individuals from the province of Kayseri on a total area of 16.000 m<sup>2</sup>, 3.000 m<sup>2</sup> of which was closed, in the Kayseri Organized Industrial Zone.

Turkish Armed Forces Development Foundation is the major shareholder with 98% of shares and other shareholders are ASELSAN, Turkish Union of Chambers and Exchange Commodities, Kayseri Chamber of Industry and Kayseri Chamber of Commerce.

ASPILSAN Energy mainly designs and manufactures a wide range of batteries used in various type of aircraft, radios, weapon systems, thermal systems, robotics and medical devices, battery blocks, chargers, battery protection and management circuits and energy storage systems, and also provides testing, analysing and engineering services for the same.

ASPILSAN Energy is the first and the only company in Turkey that produces Nickel-cadmium aircraft batteries.

ASPILSAN Energy will finish its investments in lithium-ion cell and battery factory, which will first be in Turkey until the first quarter of 2022 and start mass production.

It has three Research and Development Centres.

- Kayseri Centre of R&D: The R&D Centre is located in the main facilities in Kayseri and focuses on designing batteries and developing technologies for them.
- Ankara Centre of Design, Product Development and Innovation: The centre is located in the METU TechnoCity and focuses on electrochemical materials.
- Istanbul Centre of R&D: The centre is dedicated to Maritime Platform Batteries and Fuel Cells as well as conducting various

R&D activities required time to time.

# ASSAN ELEKTRONİK

Electronic Manufacturing Systems



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**Davut Yurttaş** Chairman Of The Board

**Cüneyt Demiray** Deputy General Manager

**Levent Okur** Business Development Coordinator

**Bülent Yaşar** Operations Manager

## Profile

We are one of the leading companies in the Electronic Manufacturing Systems sector with our high capacity and world-class SMT & THT technology.

Our technology and production capacity make us one of the most recognized companies in the market. Our facility which is able to produce at IPC 610 Class 3 Level, possesses the technologies such as Soldering Under N2, Automatic Optical Inspection (3D), Solder Paste Inspection (3D), X-ray, BGA re-work station , Conformal Coating, Selective Soldering, PCBA Cleaning, Environmental Test Chambers, Vibration test 35KN .

# ASSAV

Manufacturing Of Mark Series Aerial Bomb Bodies, Mortar Launchers, Recoilless Rifles And Heavy Ammunition Bodies



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**Tuğrul Keskin** Deputy General Manager  
**M.Fatih Taş** Business Development Manager  
**Ali Rıza Gülgan** Purchasing Manager

## Profile

ASSAV, as a defense industry company, has capability of designing and manufacturing weapons and ammunition including their components, subassemblies, equipment, accessories and spare parts in modern facilities with advanced technology at international standards.

ASSAV operates within ASSAN Group which is a leader company in manufacture of heavy machinery spare parts. High manufacture capability and expertise enabled ASSAN Group to become original equipment manufacturer (OEM) for Caterpillar, Komatsu, Kawasaki, Hitachi and Atlas Copco.

ASSAV is established in 2012 and made its first active entry to defense industry in 2016 by manufacturing Mark Series Aerial Bomb bodies to MKEK. After this procurement ASSAV took its place in respected defense companies and continues to provide the best products to its customers both in Turkey and all around the world.

ASSAN's main defense industry products:

- MK Series (81, 82, 83, 84) General Purpose Bomb Bodies (also with steel balls) and Tails
- 60mm, 81mm and 120mm Mortar Launcher
- 57mm and 84 mm Recoilless Rifles
- Heavy Weapon Ammunition Bodies (40 mm ton 203 mm)

ASSAN's certificates are as follow:

- NATO & National Facility Security Clearance
- Production Permit by Turkish Ministry of Defense
- ISO 9001:2015
- OHSAS 18001

- ISO/IEC 27001
- AS/EN 9100

References:

- MKEK
- ROKETSAN
- CATERPILLAR

ASSAV LLC is committed to provide best quality products to customers while offering them specialized and tailored solutions for their needs. ASSAV LLC's dedicated to increase its capabilities and become more competitive in Defense Industry.

# ATA ARMS

Firearms Manufacturer



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**Fatih Yollu** General Manager

**Adem Durak** General Coordinator

**Yagizhan Yollu** Sales & Marketing Manager

## Profile

ATA Arms is one of the biggest firearms manufacturer and exporter of Turkey, exporting to more than 70 countries around the world. We have been a pioneer to the Turkish market, manufacturing the first Side by Side (1967), the first Over&Under (1973), the first Semi-Automatic shotguns (1992), the first Bolt Action Hunting Rifle (2015) and the first and only Multi Caliber Sniper Rifle (2020) of Turkey. After having rifle production licence, we worked on national assault rifle project and produced the main parts of MPT 76, then immediately we have started our own sniper rifle and assault rifle projects. At the same time grenade launcher project was going on and in the year 2018, ATA ARMS became an exhibitor in many domestic and international defence fairs all around the world.

Our main products are listed below:

- ASR Multi Caliber Sniper Rifle (338Lapua Mag - 300Win Mag - 308Win - 6.5 Creedmoor)
- ALR Long Range Rifle (308Win / 243Win / 6.5Creedmoor)
- BA 40 Granade Launcher (40mm)
- ATA 1955 Magazine Fed Shotgun (12ga)
- ETRO Pump Action Shotgun (12ga)

## ATEL

Defense Industry, Rf - Microwave, Jammer, Electronic Warfare, Communication



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**Alper Ahmet Şen** General Manager  
**Gökçe Su Gülleroğlu** Director of Contracts and Legal  
**Nentim Chaki** Director of Financial & Administrative Affairs  
**Fahrettin Ali Uğural** Director of Technical Operations  
**Şevket Gögüsdere** Director of Engineering

## Profile

ATEL Technology and Defense Industry Inc. was established in 1997 in Ankara, and is currently focused on design, development, manufacturing and logistics support of RF – Microwave, Jammer Systems, Communication Systems and other electronic products.

ATEL has been certified by AS 9100 REVD, ISO 9001:2015, ISO 27001:2013, ISO 14001:2015, OHSAS 18001:2007, and holds TSE – Service Competency Certificate, “National Secret” and “NATO Secret (NS)” level Facility Security Clearance, Turkish MoD Production Permission (for specified products). ATEL is also an approved subcontractor of major Turkish defense companies.

ATEL designs and produces Jammer Systems for Turkish Armed Forces, Turkish Police and other government institutions in Turkey and exports to many countries since 2003. ATEL proudly presents its high performance & reliable RF Jammer Systems against Remote Controlled Improvised Explosive Devices (RCIEDs) to the world defense industry community.

# AVS

Military Textile And Equipments



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**Orhan Ertürk** Ceo

**Elif Duygu Elmacı** Production Manager

**Hacer Alagöz** Quality System Manager

**Muhammed Furkan Yıldız** Foreign Trade Specialist

## Profile

AVS Savunma Tekstil Sanayi Dış Ticaret Ltd. Şti. is a limited company which was established in 1998 in the field of defense industry, initially to supply the clothing and equipment requirements of the Turkish Armed Forces and Turkish National Police Department.

The founder and owner of our company is Mr. Orhan Ertürk. At the same time, he is the President of the board and the sole authority.

In accordance with the aim of the establishment of the company, in the last 20 years since AVS Saraciyeye Tekstil Konfeksiyon Spor Malzemeleri ve Hediyeelik Eşya Elektrik Elektronik İmalat Dış Ticaret Ltd. Şti. was established, the company initially continued to supply the clothing and equipment requirements of the Turkish Armed Forces and Turkish National Police Department. At the same time, AVS Saraciyeye Tekstil Konfeksiyon Spor Malzemeleri ve Hediyeelik Eşya Elektrik Elektronik İmalat Dış Ticaret Ltd. Şti. became a company which supplies the clothing and equipment requirements of the Armed Forces and Police Departments of, Balkan, Middle East, Africa countries and Türki Republics and also NATO –NSPA, with the aim of Quality and Customer Satisfaction.

Our company is not satisfied with this and under the leadership of our founder Mr. Orhan Ertürk, we made the necessary breakthroughs and expanded our product range by analyzing correctly the occurring changes which are growing and diversifying by the development of economic and technological process in all over the World in the requirements of initially the Turkish Armed Forces and Turkish National Police Department and at the same time the foreign countries Armed Forces and Police Departments.

With the expanded product range, in the framework of the distributor contracts signed with the leading companies in the field, AVS Savunma Tekstil Sanayi Dış Ticaret Ltd. Şti. became a supplier of the ballistic protective vest, ballistic protective helmet, a variety

type of bullets, ammunition and weapons, at the same time night vision, infrared and thermal vision systems and sight binoculars, binocular laser rangefinder, and stabilize binoculars needs. Which are the requirements of both Turkish Armed Forces and Turkish National Police Department and also the Armed Forces and Police Departments of, Balkan, Middle East, Africa countries and Turki Republics and also NATO –NSPA.

Additionally, our company participates in international exhibitions both domestic and abroad in defense industry such as IDEF, KADEX, ADEX, SOFEX, IDEX etc.



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**Öner Tekin** General Manager

**Levent Tanrıdağ** Deputy General Manager

**Öznur Sunay** Deputy General Manager

## Profile

AYESAŞ, as an internationally competitive Engineering and Manufacturing Service provider, offers best valued solutions in air defense systems, advanced electronics assemblies for naval and airborne systems and safety critical avionics & embedded software. Broad range of capabilities includes products and services from design and development to build-to-print manufacturing, from system engineering and integration to safety critical embedded software development.

Core Business Activities for Various Platforms;

Command, Control & Integrated Communication System Solutions

Integrated Platform Control & Monitoring System Solutions

Safety Critical Aviation Applications & Embedded Software Development

CCA design & manufacturing

Wiring Harnesses design & manufacturing

Rugged Electromechanical Assemblies

Integrated Platform Control & Monitoring System Solutions

Helicopter Terrain Awareness Systems (HTAWS)

## AYYAZILIM

Vehicle Electronics



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## Profile

Ay Yazılım was founded in 2005 with the objective to become specialized on electronic systems and has been performing engineering services in electronic field, test systems, communication and computer systems. Its has been conducting activities especially on meteorology systems and vehicle integration.

### Activity Fields:

Design and production of electronic, software and system for special-purpose vehicles

Design and production of electronic, software and system for civilian vehicles

Design and production of electronic, software and system for vessel integrated platform management systems

Design and production of meteorology systems

Custom electronic and software design according to customer requirements

Product services and projects

Design and production of driver consoles

Design and production of military cabling/wiring

Design and production of special quality cooling systems

Meteorology system integration and supply of sub-components

Test system designs for the test of special systems

Shipping simulators

# BARIŞ

Composite Design And Manufacturing / Aerospace



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**Hüseyin Arabul** Chairman  
**Fikret Şenel** Ceo / General Manager

## Profile

BARIŞ was founded in 1979 in İzmir for the production of transformers encapsulated by epoxy resin and silica powder. In 1983, filament winding technology has been acquired. Also, composite pipes have been manufactured by resin transfer into a closed mould since 1980s.

In 1989, company has shifted to the current facilities located in Ankara and concentrated on defense projects. Since then, BARIŞ has gained a reputation in composite field of Turkish Defense Industry.

R&D department was founded in 1995. Owing to research studies, BARIŞ received an R&D award in 1996, 2007 and 2008. BARIŞ participated in various R&D projects and has co-operation with the Universities and TUBITAK.

BARIŞ initiated launcher production program for ROKETSAN in 2003. 122 mm grooved launch tubes were produced for ROKETSAN by one step production with filament winding and the method of production is patented (TR 00746 1998). Barış produced various all composite launch tubes such as 66mm LAW Launch Tube, STINGER Launch Tube, ERYX Anti Tank Launch Tube, 127 mm Launch Tube, 107 mm Launch Tube, 300 mm Launch Tube. BARIŞ has been manufacturing the war head composite body of 122 mm MLRS and 500 lb Pre-Fragmented Drop Bomb Body since 2002.

In 2004; BARIŞ became a qualified vendor of RAYTHEON-USA for Coolant Reservoir Assembly, a critical sub assembly of Standard Vehicle Mounted or Air-to-Air STINGER Missile System. BARIŞ acquired infrastructure for composite pressure vessels that can bare internal pressures up to 2.000 bars.

Barış developed and produced Pilot Helmet Shell for Military Pilots and Armored Vehicle Crew Helmet of Turkish Army as a

subcontractor of ASELSAN. Delivery of 28.000 helmets finished successfully by 2016.

In 2012; BARIŞ started R&D projects for personal protection and produced various state-of-the-art products for Army and Police Forces such as ballistic shields, vests and helmets.

# BARTEZ

Manufacture Of Bulletproof Laminated And Safety Glass



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**Alaattin Tezgen** General Manager

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**Emre Çingay** Manufacturing Planing and Quality Manager

## Profile

### COMPANY PROFILE

TEZGEN OTOMOTIV LTD, under Armor Protected Glass brand, is a safety glass producing company that has been meeting the needs of its customers around the world for the past 45 years. Enduring investments on know how and machinery and equipments ; Tezgen has been also offering a wide variety of products and services in bulletproof glass for the last 15 years Basically ; Bulletproof glass is a security glass which is consisted of laminating the multilayer laminated glass and polycarbonate sheet layer.. Multilayer laminated glass is constructed to flatten, the bullet, and absorb energy of it, while polycarbonate shows perfect performance on preventing the spalling. at ArmorProtected Glass ; our ultimate target is to produce the thinnest and lightest bulletproof glass.

### QUALITY POLICY

Bullet-proof laminated glass production in the industry to be a leader in quality; production of superior quality, reasonable prices, ensuring timely delivery conditions, to keep customer satisfaction at the highest level, without compromising on quality in any condition to ensuring the continuous and widespread adoption that teamwork training. Continuous innovations and developments in our industry to follow, legislation, standards and complying with the requirements of the quality management system to ensure continuous improvement of the quality policy Bartez glass is A.S.

# BEST GRUP

Best Grup Savunma San. Tic. Ltd. Şti.



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**Burhan Tunç Özkan** General Manager  
**Yavuz Bayezitoğlu** Assistant General Manager  
**Özgür Derebaşı** Assistant General Manager  
**Mustafa Tümtaş** Factory Manager  
**Murat Kartal** Product Manager

## Profile

Best Grup Sav. San. Tic. Ltd. Şti., since it was established, has been operating in manufacturing, import and export aimed at Security and Defence Industry. In this context, it manufactures primarily the followings;

- Remote Controlled Armored Construction Equipment
  - Armored Remote Controlled Wheeled Loader
  - Armored Remote Controlled Backhoe Loader
  - Armored Remote Controlled Mini Loader
- Armored Ambulance
- Koralp RCWS (Remote Controlled Weapon Station)
  - KORALP RCWS with 7,62 mm Gun
  - KORALP RCWS with 12,7 mm Gun
  - KORALP RCWS with 20 mm Gun
  - KORALP RCWS Dual
  - KORALP RCWS Light
  - KORALP RCWS Anti-Tank
- Weaponized Operation Robot with Koralp RCWS (Remote Controlled Weapon Station)
- Armored Vehicles
- Armored Security Cabin
- Armored Ballistic Shield

Our company shows vigorous efforts in accordance with the goal of the development of national interests becoming forefront recent years in Turkish Defence Industry. The required works come to an end in gaining this capability in homeland defence by using domestic facilities. The manufacture of abovementioned systems are being planned in the near future. Our company, in accordance with ISO quality security management standards with experienced,

specialized manufacturing and R&D staff, offers various options to needers in line with both civil and military purposes with the idea of keeping the life safety in the forefront. The company, away from having the characteristics of importing the technology, is a producing company which attaches importance to the innovation. Best Grup produces quality solutions in security and defence issues needed by the persons and organizations with its reliable and specialized staff. Making production by using the technologies required by the times, Best Grup offers service according to emerging short and mid-term needs.

# BİTES

Defence, Aviation, Space, Ict



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**Ebru Coşkun** Vice President  
**Eriç Albayrak** Vice President

## Profile

BİTES Aerospace & Defence Technologies is a technology-based innovative Turkish company at the forefront of next generation Simulation, Training, Logistic Technologies and Information/Mission Management Solutions for military and civilian organizations. We develop / integrate new technologies to transform our customers capabilities for their future requirements and implement R&D activities to further enhance a comprehensive portfolio of products and services. BİTES offers its technological building blocks as applications of Augmented Reality, Virtual Reality, Autonomous Systems, Artificial / Swam Intelligence and innovative Human Machine Interface for mission critical platforms.

### Activity Areas:

- Modeling, Simulation and Training Technologies
- Augmented and Virtual Reality Technologies
- Air Defence Systems
- Command Control and Information Systems
- Software Development
- Avionics Software
- Mission Planning and Mission Support Software
- Embedded Software
- Command and Control Software
- Application Software
- Interface and Testing Software
- R & D Engineering
- Autonomous and Robotic Systems
- Signal and Image Processing
- Artificial Intelligence

- Deep Learning
- Big Data

### Products:

- Computer / Web Based Training Systems
- Training Management Information System
- Training Evaluation & Test System
- Avionics Training Devices
- Virtual Maintenance Trainers
- Part Task Trainers
- Flight Training Devices
- Fleet Management System
- Augmented Reality Supported Maintenance System
- Augmented Reality Supported Production System
- Augmented Reality Application Development Framework
- Augmented Reality Supported Situational Awareness
  - D-BİTES™ Mission Planning and After-Action Review / Debriefing System
  - V-BİTES™ Network Centric Digital Video Transmission (Video Management) & Mobil enabled Monitoring System
  - M-BİTES™ Mobil enabled Command & Control Software (on Android OS)
  - Synthesair - Voice recognition and Text-to-Speech Engine (Turkish Language)
  - BİTES Geo3D mobile-enabled Geo-Intelligence SW Framework

# BMC

Commercial And Military Vehicle Manufacturer

# BMC

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**Taha Yasin Öztürk** Member of Board  
**Mehmet Uğurlu** Cfo  
**Bülent Santırcıoğlu** Land Vehicles General Manager  
**Mehmet Altınhan** Vice General Manager of Land Vehicles

**Benan Serarslan** High Tech & Innovation Director  
**İrfan Konur** Internal Audit Director  
**Cemal Öksüz** Director of Ankara Regional Office  
**Davut Yılmaz** Vice General Manager of New Tech

## Profile

Established in 1964, BMC manufactured more than 300.000 vehicles to date and provided a 10 billion dollar added value to the Turkish economy with export operations for more than 80 countries.

As one of the main commercial and military vehicle manufacturers in Turkey, BMC offers special solutions for automotive and defence industries with its 4.250.000 m2 modern facilities in Izmir and Sakarya, wide product range, qualified workforce and high production capacity. BMC Pınarbaşı Factory is designed with the flexibility to manufacture many commercial and defence industry vehicles with different configurations ranging from buses to trucks, and from armored vehicles protected against mines to tactical wheeled vehicles. All performance tests for the prototypes developed with superior engineering capabilities and advanced manufacturing technology are performed according to the international standards.

With a dynamic and powerful Human Resource with more than 3.500 employees, BMC owns all its solutions ranging from design to R & D, and from production to sales marketing and after sales services. BMC offers Turkey wide maintenance and repair services with its powerful dealer network and expert authorized services and continues manufacturing strong, reliable and environment friendly vehicles by closely following sectoral changes.



## BASDEC

Bursa Chamber Of Commerce&Industry(BCCI)-Bursa  
Aerospace&Defence Cluster(BASDEC)



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**Şinasi Güneş** Cluster Member of Board

**Nurettin Özkan** Cluster Member of Board

**Ali Serdar Emre** Cluster Member of Board

**Tuncer Hatunoğlu** Cluster Member of Board

**Selçuk Sünnetçioğlu** Cluster Member of Board

**Nurullah Özgat** Cluster Member of Board

**Mesut Hatipoğlu** Cluster Expert - Contact Person

## Profile

Bursa Aerospace and Defence Cluster established in 2013 with the participation of all businessmen associations in Bursa by Bursa Chamber of Commerce and Industry. The cluster today with 124 members carries on its activities in defence and civil aviation sector. The cluster achieved to convert and adopt the existent capabilities acquired from automotive, rail systems, composite and advanced textile industry of Bursa to defence and civil aerospace sectors.

Bursa already has the capability of meeting 75 percent of the needs of the Turkish Armed Forces with the existent developed automotive, machinery production and textile production industries. The cluster carries on its activities both at military and civil areas. The cluster aims to be product or tool supplier of the Turkish Armed Forces ( air, land, navy ), to take part in the Turkish Space Program ( satellites, spaceship ), to take part in the project of medium-range Civil Passenger Aircraft, TFX Aircraft, Hürkuş Air Craft, Altay Main Battle Tank production and to initiate first time the production of sportive Ultra-Light Aircraft and air vehicles ( gyrocopter, microlite, paramotor ) in Bursa.

# C Tech Information Technologies Inc.

Defense & Aerospace, Broadcasting & Telecom, Cyber Security



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**Faruk Sarı** Deputy General Manager - Business Marketing & Sales

**Nurşen Sarı** Deputy General Manager - Engineering and Programs

**Burçak Akduman** Deputy General Manager - Accounting and Finance

**Bülent Karaaslan** Director of Business Development and Marketing

**Önder Tatar** Director of Engineering and Design

**Gökhan Nas** Director of Manufacturing Operations

**İbrahim Etem Uççin** Director of R&d and Technology

**Önder Bilgiç** Director of Quality and Test

## Profile

For the last 16 years, CTech puts products and solutions on the national and international defense, security and aerospace markets within the context of;

Avionic Systems

Communication

Space Systems

Modeling And Simulation Solutions

Broadcasting & Telecom

Cyber Security

Our headquarter is located in Teknopark İstanbul Campus, which is a world class technology and innovation area in the Asian side of İstanbul, with a branch in Bilkent Cyberpark Campus in Ankara.

The provisions of CTech always encapsulate leading edge technologies and innovation with lifetime and ubiquitous support. In order to converge value-added and customer-oriented products and solutions we employ high profile specialists and engineers in a well established research and development infrastructure and environment. To fulfill the quality requirements of our customers and partners, we comply with common national and international standards such as ISO 9001:2000, CMMI Level-3, IEEE-12207, MIL-STD 973. Besides technical compliances, our company has necessary NATO and National level facility security clearances on a "need to know" basis operation.

Examples of our products and solutions could be mentioned as;

Wideband Satellite and Line-of-Sight Communication Solutions for Land, Marine and Airborne Platforms

Live Mobile Video Transmission Systems over 3G lines (MODEM)

FIPS-146 L4 Compatible Embedded Hard Disk Encryption Device

(DISKRİPTO)

Air Defense Planning, Analysis and Optimization Solutions

Sound and Communication Models for Aerospace Training Simulators

Radar Stealth Analysis Solutions and Services for Land, Marine and Air Platforms

Integrated Network Security Solutions for Advanced Persistent Threats

DPI based IP Traffic Intelligence and Analysis Solutions

New Generation Solutions Network Log Management and Performance Monitoring

Out of its business activities since 2005, CTech has many references and partnerships including international ones like;

Turkish Ministry of Defence

Undersecretariat for Defense Industries (SSM)

Ministry of Transportation, Maritime Affairs and Communication

National Intelligence Organization

Turkish Scientific and Technological Research Council (TUBİTAK)

National Satellite Operator (TURKSAT)

National Information and Communication Technologies Authority (BTİK),

Turkish National Police Department

Various Turkish Defense Industry and Shipyards

Telecommunication Service Provider Companies

National and International Broadcasting Companies

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**Metin Çetin** Supply Chain Director  
**Tolga Sugetiren** Technology and Engineering  
Director  
**Zafer Akay** Finance Director  
**Ulaş Çırpıcı** Electro-Optic Systems Director  
**Tugay Gürler** Executive Committee Member

**Rıfat Kayapınar** Product Manager  
**Mehtap Uzar** Quality Manager  
**Eda Sarioğlu** Human Resources Manager

## Profile

Canovate Electronics is one of the top 10 global companies in terms of quality, technology and product portfolio in two main product categories "DATA CENTER" and end-to-end "FIBER OPTIC" solutions founded 50 years ago in the spirit of innovation. Canovate manufactures in İstanbul within a closed area of 30.000 square meters. Canovate is one of the leading companies in its field with 6 offices (America, Greece, Saudi Arabia, Dubai, Morocco, Philippines) exporting 60% of its production to 72 countries.

In the developing world, "Knowledge" is now the most valuable asset says Mr. Can Gür, Chairman of the Board of Directors of Canovate Group, and describes the vision of the next term as follows: "In the 15 years from 2001 to 2016, we invested over \$20 million in R&D. As Canovate Electronics, we continue to allocate resources to R&D over an average of US \$1.5 million each year, and we aim to keep our steady growth in innovation for the future without sacrificing from quality."

Canovate Electronics is a member of the Canovate Group, which has been in operation with different companies since 1965. Canovate Group is a global company in the field of Defense, Energy, Real Estate, Telecommunication, Fiber optic (FTTX), Data Center, which is managed by dynamic, modern and innovative methods, with its own R&D investments and Canovate patented products.

Canovate Electronics provides IT and Telecom Infrastructure technology offerings that span from complete data centers, indoor/outdoor cabinets, data center green cooling technologies to fiber optic connectivity based FTTX and fiber optic transmission and access solutions. Canovate designs and manufactures a wide range of innovative standard and customized products, technologies and solutions. Canovate provides innovative, environmentally friendly, sustainable and end-to-end solutions that

have been developed in accordance with international standards, contributing to the country's economy.

Canovate, the leading telecommunication producer in Turkey with its modern production facilities located in an area of 30 thousand square meters, 300 employees, head offices in Turkey, USA and United Arab Emirates and with its distributors 15 in Turkey and 65 in the world, provides services to large corporate customers such as Telecom, Gsm, ISP, and also to small and medium-sized businesses with a very wide mass of products and is rapidly progressing towards becoming a world brand.

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**Murat Giray** Ballistic Projects Program Director

**Murat Özmen** Global Operations Director

**Murat Küçükbayrak** Financial Director

**Volkan Şimşek** Defense And Aviation Program Director

**Hakan Durma** Automotive & Rail Systems Program Director

**Serdar Şanlı** Business Development And Sales Manager

**Devran Şentürk** Accounting And Tax Manager

## Profile

CES Advanced Composites & Defence Technologies Inc. has established itself as a world-class designer, developer and manufacturer of advanced composite parts and assemblies for aerospace and defence applications.

We have the infrastructure, capability and capacity to position ourselves as the leading supplier of advanced composite materials, ballistic protective armour and engineering services in the local market and the global composites and defence market.

Our expertise in composite component design, development and production has enabled us to develop a leading range of products covering a broad spectrum of applications. As well as focusing on the defence and aerospace industries, we continue research and development activities to expand our expertise and increase our capability in ballistic product manufacturing.

Our ballistic armour product portfolio includes helmets, vests, inserts, shields and EOD Search Suits for personnel protection as well as Add-on Armour, Spall Liner and composite armour panels for land, air and naval vehicle platforms. As Turkey's highest capacity ballistic composite panel manufacturer, our composite armour solutions are already mounted on more than 2500 platforms both in Turkey and across the World.

Having been certified with the international aviation quality management standard AS9100 and ISO9001 since 2013, we achieved NADCAP Nondestructive Inspections (NDT) accreditation in 2018 and NADCAP Composite Certificate in 2019. The company's main factory is 17,000 m2 built in Ankara Temelli and is registered as an accredited R&D centre by the Turkish Ministry of Industry and Technology.

Most recently, our Ballistic Test Center was opened in Ankara in August 2019 with a broad scope of ballistic testing capability

including all levels of NIJ 0101.06 and NIJ 0101.04, STANAG 4569 Threats Level-1 to Level-6, VPAM personal armour ballistic tests and VPAM BRV standards for special vehicles. The testing service will soon be internationally accredited.

Moreover, CES Advanced Composites produces fibre reinforced polymer (FRP) parts for the automotive, railway, machinery, farm equipments, alternative energy systems and construction industries in our 8700 m2 facility in Izmir.

As a part of our global growth strategy, we established a R&D and strategic manufacturing facility in the UK for the design and manufacture of advanced armour and composite systems. The focus of our UK facility is to provide in-country support for MoD and OEM programs, while enhancing the production capability for our UK and European customers. It is being furnished with state-of-the-art manufacturing equipment for the manufacture of advanced composites, add-on armour and spall liner systems for Land and Naval platforms and also have the capability to manufacture the full range of CES personal protection systems on site including; Ballistic Helmets, Inserts and Shields.

# CEY SAVUNMA

Advanced And Comprehensive Solutions For Simulation Technologies In Defence Industry



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**Özcan Ceylan** Chairman Of The Board  
**Hürkan Orkun Zorba** General Manager  
**Abdülkadir Can** Design Director

## Profile

CEY Defence is a company aiming to provide innovative software solutions.

Specialized in software infrastructures, visual applications, data management applications, company has provided various solutions to the sector in the field of

simulation modelling like wargame simulations, mathematical modelling and interoperability. It enriches its competencies in the field of software development

with a system engineering perspective and supports it with subjects such as domain

expertise, project management, engineering and R&D management.

### CAPABILITIES

- Software Development: Compliant with international standards, special for military applications, using high technologies; flexible, agile and quality software development capability.

- System and Test Engineering, Domain Knowledge: Efficient system engineering approaches in project and product development, appropriate infrastructure and applications for verification and validation stages, wide domain knowledge needed in projects.

- Project Management, Engineering and R&D Management: Organizational project management techniques in line with international standards, advanced planning, monitoring and reporting methods, innovative R&D approaches.

- Engineering Support Service: Appropriate engineering support services with design and development activities; training, consulting, independent testing and integration.

### EXPERTISE

- Software Infrastructure: We can reuse and customize the contents of the software components we have developed according to different projects and needs.

- Visual Applications: We develop visual applications that can be used in simulation modelling, command control, avionic systems or any other application area.

- Data Management Applications : We gather different types and sizes of data, combine them and visualize them in a way that suits its purpose of use.

- Interoperability: We develop infrastructures that allow systems developed for different purposes to work together for a common purpose.

- Wargame Simulations: We develop wargame simulations that can be used for different purposes such as tactical training, analysis, operational use, simulation-based acquisition and academic use.

- Mathematical Modelling: We bring real world systems, data and events to the virtual environment; we develop mathematical and physical models appropriate for different uses.

### SOLUTIONS

- ARTI: Advanced run-time infrastructure which is an HLA compatible middleware software for interoperability of simulation systems

- MOTA: Model definition language and tools for discrete time simulations

- NAUTILUS: A new generation joint warfare simulation infrastructure

- REM: Tactical and engineering level of radar and electro-optics modelling

- TES: Tactical environment simulation for different types of platforms and weapons

- SEA: Simulation environment for engagement analysis

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**Murat Köksal** General Manager

**Bilal Can** Marketing Division Manager

**Abdulkadir Nişasta** Bussines Development & Marketing Manager

## Profile

Coşkunöz Defense & Aerospace (CSH) (a Privately owned Coşkunöz Holding Company) is founded in 2006 and started serial production in 2007, serves in Aviation & Defense sectors. CSH is having total 165 employees with 30 experienced engineers. CSH has been providing workload to 20 SME' in Turkey.

Aerospace Industry;

Precision machining, Detailed part assemblies, component assemblies and fuselage assemblies for the aircraft platforms of Boeing, Airbus, Embraer, Bombardier, Fokker, F35, Anka, Hürkuş, Atak, Satellite programs, KAI KUH Surion Helicopter (Center Fuselage Assembly), Cabin interior ready to use products.

Defense industry;

Canisters, Launchers, Carriage boxes, Turrets, Complex sub-system and system production and integration for OEM's who are having defens platforms for Turkish defense industry.

Main fields of Activity:

Production (Aircraft/Engine Parts & Systems)

High precision machining,

Detail , component and Section level assembly for aerospace ,

Sub-system and system integration for defense,

Supplier management

Tools and fixtures design & production

Welding

SAP ERP system

Customs Clearance & Logistics

Software & Simulation

Sheet metal forming

Coating

Painting

Harassing

Strong quality system

Nato & National Secret Facility Cearence

AS/EN 9100 REVD certified

ISO 9001 certified

ISO 27001 Certified

ISO 14001 Certified

Airbus Certified

## CPS PRESSFORM



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## Profile

# CRYPTTECH

Leading R&D Company That Develops Products And Technology In  
The field Of Cyber Security



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**Tarık Kobalas** Cto  
**Nurullah Erdem** Projects Director  
**Tülay Candar** Marketing Director  
**Jade Y. Şimşek** Int. Relations Director  
**Ömer Özer** Legal Expert

## Profile

CRYPTTECH was founded in 2006 and its first product was introduced to the market in 2008.

CRYPTTECH continues to develop new cyber security solution technologies and products. Its offices are located in Istanbul Yıldız Technical University - Teknopark and in Ankara Hacettepe University - Teknokent. CRYPTTECH's field of expertise are Cyber Security Intelligence, Vulnerability Analysis, Cyber Attacks, Advanced Persistent Threats, Advanced Level Correlation Engines, Security Regulations and Compliance Solutions, Big Data, Encryption and Blockchain Solutions.

CRYPTTECH provides cyber threat intelligence infrastructure integrated with its SIEM, Log Management, HotSpot, DLP, Cyber Threat Intelligence and Security Monitoring products. In addition to providing an accurate and effective solution for the SOC center, it is one step ahead with its technological structure and product capabilities. Especially with the SOC project taking place in the public sector in Turkey, CRYPTTECH has completed the biggest SIEM / SOC project of the country and got a chance to introduce its products to the world.

The products and technologies developed by CRYPTTECH are preferred by more than 3000 SMEs, including the private & public organizations, and over 1000 large-scale enterprises. CRYPTTECH sells its products at the foreign markets by its current sales office in Silicon Valley and aims to sell more by the offices opening up in Dubai region in the year of 2018. CRYPTTECH has already began exporting its products to global markets and has been contributed in various projects in countries such as Qatar, Saudi Arabia, Kuwait, Sudan, Germany, Netherlands, Nigeria and Uzbekistan.



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**Cihat Eşrefoğlu** Board Member

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**Erkan Sümer** Production Manager

**M.yavuz Uzunsokaklı** Electronics Engineer, Weapon Electronic Systems Manager

**Erkan Yeniçeri** Mechanical Engineer, Business Development Manager

**Gurnisa Bartın** Finance Manager

## Profile

DEARSAN Shipyard has a proven capability as a 'world class' design, engineering, fabrication and building with its shipbuilding facilities and experienced workforce.

DEARSAN Shipyard specializes in providing services for design and construction of sophisticated naval ships including the integration of weapon combat systems and complex commercial vessels.

DEARSAN Shipyard complies with NATO SECRET Facility Security Clearance, NATIONAL SECRET Facility Security Clearance, ISO 9001-2000, OHSAS 18001:2007 and SaSaD Defense Industry Manufacturers Association certificates.

DEARSAN Shipyard has built 16 "Tuzla" Class Patrol Boats for Turkish Navy in accordance with the Contract executed with the Undersecretariat of Defense Industries on 23 August 2007. Final deliveries of all the 16 vessels have been completed

In addition to being the first combatant warship built by the Turkish shipbuilding industry, the "Tuzla" Class Patrol Boats incorporate the defense systems designed and manufactured for the first time by the local defense industry in Turkey.

The success of this project has been proven once again with the exportation of the "Tuzla" Class Patrol Boats. In this context, 10 derivatives of Tuzla class were delivered and put into service. DEARSAN Shipyard has provided a great contribution to Turkey with its exportation of defense industry products.

In addition, including the Tuzla Class and the exported version of patrol boats, we have the ability of designing and building all classes of naval boats/ships listed below;

Corvette Class Ship,

Multi-purpose Search and Rescue (SAR) Ship,

12m, 15m and 17m Fast Intervention Boats,

27m, 33m and 42m Attack Boats,

Fast Patrol Boat with Guided Missile,

Hydrographic and Oceanographic Survey Vessel,

Offshore Supply Vessel,

Offshore Patrol Vessel,

Mine Hunting and Mine Sweeping Vessels,

Landing Ships

# DELTA ELECTRONICS

Defence Industry



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**Edip Sabahattin Mete** President  
**Gönenç Mete** Business Development Manager

## Profile

Delta Electronics was founded in December 1985 in Ankara and has been fueling the growth and technological advancement of Turkish Armed Forces, commercial airlines, universities, research and development centers and overall, the Republic of Turkey over three decades.

In defense industry, Delta Electronics has expertise in communication links, global positioning systems, navigation systems, observation systems, flight management systems, avionics, direction finding systems and satellite communications. This expertise has realized itself in many milestone helicopter, tank, aircraft, maritime, satellite, airborne and ground radars, airframe structure design, missiles, turrets, and anti-jamming programs in Turkey. For over 30 years, Delta Electronics has been involved in major defense projects in cooperation with its customers and is a leading supplier to defense industry in Turkey. Delta is the representative of the most prominent companies such as Collins Aerospace, Northrop Grumman, L-3 Harris, KVH Inc., Textron Systems Electronic Systems (TSES) UK, Cubic Global Defense (Cubic Corporation), WTG, WGS, Cooper Antennas, Primlight-Aqeri, Scribner Associates, and many more.

Delta has expanded its knowledge in high tech electronics onto the commercial field, supporting commercial avionics with repair and spare part services, sub-contracting, upgrade in the Istanbul Office. To support research and discovery of cutting-edge technology, Delta Electronics has been providing consulting and sales services to Turkish Universities and Research & Development centers, with support in areas ranging from electrochemistry to time-frequency analysis.

# DESAN SHIPYARD

Ship Construction And Repair, Maintenance, Retrofit



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**Bahadır Demirağ** General Manager  
**Taşkın Çilli** Deputy General Manager  
**Ahmet Tütüncü** Finance Director  
**Özgür Çilli** Marketing Director

## Profile

DESAN Shipyard (DESAN), first established in 1970 at Golden Horn and carried out construction and repair activities for following 12 years. In 1982, DESAN Shipyard moved to its new location in Tuzla Shipyards Region. DESAN Shipyard joined to KAPTANOĞLU Group of Companies in 2006.

DESAN Shipyard is optimized to construct, fit out, test and turn-key deliver the advanced chemical tankers, oil tankers, logistic support ships like cargo ships, Ro-Ro ships and provide repair, retrofit to these ships. In 1999, construction and turn-key delivery of first IMO II Chemical Tanker in Turkey is realized by DESAN Shipyard. Construction of 2 (two) Emergency Response and Divers Training Boats is already going on at DESAN Shipyard.

Continuous investment for shipyard infrastructure, machine park capability, floating docks and personnel training provided DESAN Shipyard having perfect project management, quality assurance system, flexibility and highly qualified engineers and technicians. Today, DESAN Shipyard is honor to deliver ships with top quality and on time.

With facilities available at DESAN Shipyard, construction and ship-repair team have the experience and knowledge to repair, maintenance and construction of naval ships like tug boats, Fire-Fighting Boats, Pilot Boats, Patrol Boats, Fast Patrol Boats, Fast Attack Boats, SAR Boats, , Offshore Anchor Handling Tug Supply (AHTS) vessel, Rescue and Towing (RAT) Ship, Mother Ship, Diver's Training Boat. . . and all types of marine commercial vessels.

DESAN Shipyard has "EN ISO 9001:2015 Quality Management System", "OHSAS 18001:2007 Occupational Health and Safety Management System" and "TS EN ISO 14001:2015 Environmental Management System" certificates from Turkish Lloyd (TL) and RINA.

DESAN Shipyard has National and NATO Security Clearance and Military Ship Production Certificate from Turkish Ministry of Defense.

# DESi

Shooting Range Equipments, Electronic Controllers For Automotive Industry, Access Control Products

# DESi

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**Tuncay Erhan Yanar** Chairman  
**Ömer Doğan** General Manager  
**Abdullah Narlı** General Manager  
**Hakan Tikveşli** Marketing Manager

## Profile

Found in 1985 DESi is electromechanical products designer / manufacturer.

Since 1999, DESi has been developing and manufacturing shooting training equipments for indoor / outdoor (real bullet) ranges. Its product portfolio related with shooting ranges covers the following equipments:

Wireless and portable, pop-up infantry target holders (with up to 2 km wireless controlling range)

Wireless and portable, rotary pop-up infantry target holders

Wireless, pop-up tank target holders (for up to 3m x 3m / 75 kg targets)

Wireless controlled moving target holders (with a moving speed of up to 21 km/h)

Sniper training equipments which is able to show "miss and hit locations" with high accuracy

Controlling softwares for computer

Besides shooting ranges equipments, we have the following product lines:

Automotive Industry Products: Vehicle alarms / anti-hijack modules, immobilizers, comfort modules, remote controllers, door openers, power window/sunroof controllers etc.

Intruder Alarm Products: Wired / wireless alarm central cards, GSM/PSTN voice callers, wired / wireless passive infrared sensors, wired / wireless shock sensors, wired / wireless magnetic switches etc.

Access Control Products: RF receivers / controllers, unique ID active RF transmitters, bluetooth based applications and controller, wired / wireless keypads etc.

Electronic Door Hardware Products: Wireless motorized cylinders, wireless electromechanical locks, wired / wireless fingerprint readers, electromechanical swing door openers, wireless door alarms etc.

For developing current products and for researching on new demends, DESi R&D department works proactively and as a result, DESi got a lot of "first on the world" features and patents.

With its quality culture and manufacturing capability, DESi works with companies likes FORD, ISUZU etc. for developing and OEM manufacturing.

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**Durali Dođru** Chairman

## Profile

Dođuş Kimya has been performing activities in surface treatment chemicals sector and offering services regarding the establishment of metal coating facilities together with training and technical services. Its also sells related equipment and chemicals for this sector; render technical services regarding the measurement of coating thickness, analysis of all planting baths with our titration laboratory, X Ray F device and corrosion test tools, and offer necessary solutions for the related problems. Amongst its references, Dođuş Kimya has many defence industry companies and institutions. Its also makes export to Middle East countries. For the defense industry and aerospace industry, computer controlled or manual complex facility manufacturing, computer software hardware and equipment are provided. Chemical installations and coating related trainings. Among the projects delivered are Aselsan, MIKE Ammunition Fab, MIKE Sila Fab, Roketsan A.Ş.

# DYO

Paints And Coatings Production

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**Ercümen Emir Atakay** Technical Factory Director Industrial Coatings  
**Hakkı Bilek** Financial Affairs And Finance Director  
**Yetik Beşok** Sales Director Industrial And Furniture Coatings  
**Hüseyin Alp Korkmaz** Sales Director Decorative Paints

**Turgay Gençay** Sales Director Car Refinish Coatings  
**Genk Tekşal** Export Director Furniture And Decorative Paints  
**Yücel Akbaba** Technical Factory Director Powder Coatings  
**Özlem Düzyatan** Purchasing Director  
**İlkay Özdemir** Investments And Projects Director

## Profile

Dyo is leading the sector, adding value to life with innovative technologies and practices, since 1954. Achieving rapid growth with focus on highest quality, r&d activities, and customer satisfaction, its production exceeds 160 thousand tons with plants in İzmir Çiğli, Kocaeli Dilovası and Manisa Turgutlu, Russia and Egypt. Products with Dyo and Dewilux brand are exported to more than 40 countries worldwide.

"Wide range product portfolio consists of decorative paints and heat insulation systems, industrial coatings, powder coatings, coil coatings, protective coatings, furniture paints and varnishes, car refinish products, marine paints and polyester resins. Growing its strength in industrial coatings with Turgutlu Powder Coatings plant which is opened in 2014, is serving solutions with high value added products to machinery, electric-electronic devices, home appliances, construction and infrastructure sectors. Amongst the customers are the greatest industrial corporations in Turkey.

Dyo is investing over %2 of annual revenue to r&d in accordance to the vision of creating innovative technologies and is listed in "Turkey's R&D Champions 100". Dyo R&D Center which is located in İzmir Çiğli Plant is announced the most successful R&D Center in Chemistry Sector three years in a row.

Dyo acts as a leader in "Quality", which is also a key word in its brands' identity, is the first paints and coatings producer implementing the EFQM Excellence Model. Dyo, with production processes meeting international standards and quality certifications, also owns 2014 Aegean Region Excellence Award, and 2016 Turkey Excellence Award."

# ELEKTROLAND DEFENCE

Remote Operated Vehicles - Unmanned Ground Vehicles

**ELEKTROLAND**  
DEFENCE INDUSTRY A.Ş.

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**Mustafa Orakçı** Sales Director

**Nilgün Eryiğit** Finance Director

**Erdem Uğur** Purchasing Director

**Gülşen Erdoğan** Sales & Marketing

**Evren Çetin** Technical Coordinator

**Egemen Uğur** Production Director

## Profile

Elektroland Defence Industry Inc. is a privately owned company, established in 1996 as an electronic reverse engineering, PCB design centre in the field of defence and homeland security. Today ELEKTROLAND and plays a central role in the rapid design, development and validation of new products and underlying research&development for all of its protective equipment range including Remote Operated Vehicles (ROV) for Explosive Ordnance Disposal (EOD) and Improvised Explosive Device Disposal (IEDD). ELEKTROLAND is now increasing its design&production capabilities covering the requirements of Turkish Armed Forces Turkish National Police as well as international Clients. Our unique and reliable products are designed in partnership with bomb-disposal teams and represents the next evolutionary step in the EOD/IED/CBRN/Surveillance/Intelligence robots market. Production facilities is based in Ankara and has branch office in the United Arab Emirates and Canada.

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**Mehmet Erinkurt** Chairman

**Eray Külcü** General Manager

**Selahattin Yağız** Defense Director

**Melik Zafer Yıldız** Business Development Manager

**Ali Erinkurt** Sales Executive

## Profile

Epsilon NDT with its Non Destructive Testing (NDT) division is successfully representing the world-leader companies of its sector in Turkey and Asian countries and is offering in a customer oriented manner the instruments, hardware and engineering solutions according to the standards.

Epsilon-NDT company provides the systems and devices that are needed effectively in the production and usage stages of the parts and systems that are critical especially in the defense and aerospace industry.

Epsilon NDT, after adding defence to its field of activities, provides solutions in military , civil defence, CBRN, industrial, search and rescue services, emergency,safety areas.Epsilon also manufacturer detonators for defence and mining industry.



# ERER SAVUNMA SANAYİ A.Ş.

Products, [(Infrared Camouflage Coating (Mil-C-46168, Mil-Dtl-53039), Primer Coating (Mil-Prf-23377), Military Polyurethane Paint (Mil-Prf-85285)]



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**Eren Tatlı** General Manager

**Tahsin Tatlı** Deputy General Manager

**Seyid Gür** Deputy General Manager

**H. Ayhan Yaman** Chemical Eng.tech.manager

## Profile

Our company has been established in ANKARA on 1947. We provide services for manufacturing industrialists in machine equipment, hardware, paint and paint chemicals etc. After the foundation of 1011 Military Factory (old name) in ANKARA; our company has become one of the suppliers of Armed Forces following a demand from the Turkish Armed Forces.

Because of the importance given to the Defence Industry by our Country, since 2015; our company has began to use its Knowledge and Experience in RESEARCH AND DEVELOPMENT operations on IR (Infra-red) Camouflage Paint production which is highly needed in our Country's required combat vehicles and equipments under the name of Erer Defence Industry A.Ş.

With all the RESEARCH AND DEVELOPMENT operations those had been done since our foundation, we have enabled our company to provide services to our Country's Defence Industry Firms with IR Paint production on USA and NATO Standards.

While according to our Laws and applicable regulation IR Paint production is under the guidelines of Controlled Materials Lists, within the same period, we have granted with Foundation Permit, Personal Safety Documents, Facility Safety Document and Production Permit from the Ministry of Defence. With these documents and permits, we have begun producing and offering IR Paint to service of Defence Industry Firms.

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**Erol Özkayan** Chairman

**Ahmet Özkayan** Ceo / General Manager

**Neslihan Özkayan Er** Deputy General Manager

## Profile

Founded in 1965, ERMAKSAN is a well-known company manufacturing high quality and advanced technology machinery with its 700 qualified personnel at 80.000 sqm modern manufacturing plant. ERMAKSAN manufactures 3000 machines annually under the supervision of expert engineers in a fully modernized plant equipped with state-of-the-art machinery. ERMAKSAN exports 80% of its production through agents under the brand ERMAK from Canada to New Zealand, more than 70 countries in the world and provides full technical support since 1965.

**ESAC**

Eskişehir Aviation Cluster

**Company Address** Eskişehir Organize Bölge Sanayi İş Ve Ticaret Merkezi No: 16/ B Eskişehir / Turkey**Telephone** +90 (555) 822 3713**Fax** +90 (222) 236 0337[www.esac.org.tr](http://www.esac.org.tr)[info@esac.org.tr](mailto:info@esac.org.tr)**Mahmut Faruk Akşit** Chairman  
**Mehmet Çelebioğlu** Coordinator

## Profile

ESAC is a legal initiative that serves as the primary organisation devoted to aviation based economic development in the province of Eskişehir. ESAC's mission is to promote aviation capacity to attract and stimulate business development in innovative, high-growth industries related to aviation in the region. ESAC accomplishes this mission by focusing on both SMEs directly involved in the aviation industry as well as on companies with sufficient capacity to form part of the aviation supply chain. In collaboration with the Eskişehir Chamber of Industry, the Eskişehir Organised Industrial Zone, Anadolu University, Osmangazi University and other supporting entities in Eskişehir, ESAC helps to ensure the region's global competitiveness by improving the business climate for the aviation industry. The Eskişehir Aviation Cluster Zone is a popular investment region for companies within the aviation sector. This is not only attributable to its high quality of life index, industrial culture and reasonably priced investment properties, but also to the abundance of universities and technical schools, trained and experienced labour as well as to existing modes of transportation and local/national incentives.

# ESEN

Engineering Company In Defense, Aerospace And Security

# ESEN

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**Erol Tunalı** Director, Space and Sensing Systems

**Abdullah Çay** Director, Electronic Warfare and SIGINT Systems

**Murat Temizsoy** Director, Engineering

**Süha Dinçer** Director, Unmanned Systems

**Altuğ Müftüoğlu** Director, Business Development

**Burak Keser** Director, Operations Support and Financial Affairs

**Ayşe Selcen Karcılar** Director, Quality and Manufacturing

## Profile

ESEN was established in 2012 in Ankara, as an affiliated company of US-based Sierra Nevada Corporation (SNC) and develops engineering solutions in the fields of aviation, space, defence and security. ESEN continuously grows as an independent company both in Turkey and the region with its innovative solutions, agile processes and strong networks in national & international domains.

ESEN has been active in aviation, image processing, remote sensing, EW/COMINT/SIGINT, unmanned aerial systems, avionics and software development. The company has undertaken programs involving aircraft modifications, certifications, software and hardware integrations, developed unique products such as Wide Area Surveillance Systems for airborne & land based platforms, Traffic and Terrain Collision Avoidance Systems, HF/VHF Direction Finding, Geolocating and Monitoring Systems and Command and Control Systems. The capabilities also extend to new developing areas such as Data Fusion and Big Data Analytics and Fixed Wing VTOL Unmanned Air Systems.

# ETA

Software Development And Electronic Design For Defense Industry



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**T. Hürsel Kendir** Chairman, Ceo / General Manager

## Profile

ETA provides the missing parts of the puzzle with custom design solutions, for a seamless system integration.

ETA was founded in 1984, as a “design house” for Defence Electronics. Since then, besides having its own, patented products, ETA has been one of the most respected subcontractors for major System Integrators in the Turkish Defence Market.

ETA provides high quality, fast and cost effective custom design solutions for the System Integrators, with the energy and flexibility of being an SME, and a team of highly skilled (averaging 14 years of work experience in ETA) 25 employees, where 60% are R&D engineers

ETA has a Strategic Partnership Agreement with ASELSAN, which enabled two long term product families:

**Communication Interface Units (GPCU, CIU and CIU/S) for INS Systems:** This is a family of rugged electronic interface units with embedded SW for data communication and HW/SW protocol conversion between ASELSAN's LN-270 Inertial Navigation System (INS), and different systems on a Navy Ship, that require Navigation data in different protocols (including RS422, NMEA, and Synchro with CIU/S). They were designed to be used as part of a Modernization Project for the Turkish Navy, but then as a result of the flexibility of the design, CIU turned out to be a standard unit for all the new Navy Ship Programs like MILGEM, YTKB, SGAK, LCT as well. ETA delivered 21 GPCU, 68 CIU, and 40 CIU/S units until now.

**Multi-axis Rate Gyro Sensors & IMUs:** This is a family of rugged sensor units with embedded SW, which are used in ASELSAN's Stabilized Weapon Platforms (like STAMP, STOP and SARP) and provide up to 3-axis precise angular rate data using fiber optic sensors. ETA delivered over 160 units until now, and received a follow up order to design a second generation Gyro and IMU family

using both fiber optic and MEMS sensors.

ETA also started to be a design and manufacturing partner of ROKETSAN, for custom design, rugged, electronic equipment like: AKU Firing Control Unit: This is a Firing Control Unit to test and safely fire up to 3x20 Rockets on a Multi Launcher Rocket System. It also has add-on units that simulate the rocket squips and electronic fuses for training.

Another field of expertise of ETA is Training Simulators. ETA designed a patented product family Mini-RETS & L-CCATS, Laser Marksmanship Training Systems, for advanced marksmanship training at any place without using real ammunition. System combines an eye safe laser pointer mounted on the barrel of the firearm, and computer controlled laser sensitive pop-up targets. In 2008, ETA signed a Technical Assistance Agreement with L-3 Corporation to design and manufacture Laser Marksmanship Training Systems under their registered brand name Beamhit, and exported over 12.000 units to USA until now

# FEMSAN ELECTRIC MOTORS

"harmony In Motion"



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**Ertuğrul Ülker** Chairman Of The Board  
**Melih Turan İpeçki** General Manager

## Profile

FEMSAN Electric Motor Company has been founded in 1989. FEMSAN is the pioneer company in Turkish market at BLDC and DC motor industries. The company mainly focuses on design and production of PM DC Motors, Brushless DC Motors, Slotless BLDC Motors, Alternators, Electromechanical Actuators and different kind of sub-systems. FEMSAN offers customized motor and alternator types in large scale at different voltages and speeds. Thanks to its comprised dynamic engineer staff, FEMSAN has gone far beyond being a component-based DC and Servo Motor manufacturer and has been able to carry out design and analysis activities that can meet the requirements of different applications. Especially, on account of its enhanced reflexes to compensate the sub-system needs of defence and aerospace industry, FEMSAN has been not only a supplier but also a solution partner for its customers. FEMSAN provides significant advantages by its customized solutions, designs for long life operations and high reliability intended at comprehensive product range. FEMSAN works as a tailor when getting specific requirements from the customers on their special projects. "Designing and materialising at the speed of thought." This is what makes FEMSAN unique and how it maximizes customer satisfaction in addition to excellent product

quality and on-time delivery as well as cost effectiveness.

Engineering skills and experiences of FEMSAN are a source of inspiration and creativity to overcome any adversities. Our collective purpose is to create and sell differentiated and competitive products and services, and to make it easy for our customers to do business with us.

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**Tarık Ögüt** Founder and Chairman of The Board

## Profile

FIGES A.S. is an engineering company founded in 1990. With its skilled engineers specialized in mechanical and systems design, multiphysics analysis and physical testing; FIGES provides turn-key project services from concept design to prototype manufacturing for a wide range of industry sectors, mainly defense, aerospace and automotive. Since 2014, FIGES has launched several R&D projects of its own, to develop high technology products in response to the national needs of different industries for indigenous products that are engineered and manufactured in Turkey.

FIGES is based in 4 office locations in Ankara, Bursa, İstanbul and İzmir and a prototyping and manufacturing facility in Ankara. FIGES forms speciality centers at these locations; providing services to Defense and Aerospace industries from the Ankara office; to Naval industry from İstanbul office in Technopark İstanbul; to Automotive industry from Bursa office in Ulutek Technology Development Zone; to consumer products, medical and general machinery industries from İzmir office. The office in Ankara is an R&D Center certified by the Ministry of Science, Industry and Technology in May 2015. The prototyping and manufacturing facility was established in the beginning of 2017 to carry out manufacturing, assembly and testing stages of the products developed through the R&D projects within FIGES.

The engineering departments of FIGES cover several disciplines, with over 70 qualified and skilled engineers nationwide. These engineering departments are:

Mechanical Design and Prototype Manufacturing,  
Control, Design and Automation,  
Military Electronics and Test Systems,  
Structural Analysis and Acoustics,

Fluid Mechanics and Thermodynamics,  
Electromagnetic Design and Analyses,  
Smart Materials and Sensor Technologies.

The breadth of expertise in FIGES allows the company to tackle the most challenging multi-disciplinary projects in engineering.

FIGES also provides training courses in different engineering disciplines, under the name "Build-up Academy", to equip companies and individuals with the most recent engineering tools and techniques in research and development.

FIGES invests in data security and follows the Facility Security Clearance Guidelines established by the Ministry of National Defence. The company is also ISO 9001-2008 certified.

FIGES represents ANSYS which is the leading multiphysics analysis software and MATLAB & Simulink and provides services in sale, training and technical support of these software

# FNSS Savunma Sistemleri A.Ş.

Protected Mobility At Your Service

# FNSS

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**Melih Kayaalp** International Business Development Manager  
**Can Adil Özelçi** Chief Technology Officer  
**Mehtap Tüfekçi** Chief Finance Officer  
**Ceyhan Süer** Middle and Far East Program

Director  
**Hikmet Balcı** Programs Director (Local)  
**Ali Çarmıklı** Supply Chain Director  
**Bülent Beyoğlu** Organizational Development and Strategy Manager  
**Onur Arısoy** Product Support Manager  
**Cem Altınışık** Corporate Communications Manager

## Profile

A Globally Trusted and Respected Turkish Defence Company

FNSS is a globally recognized land systems company that specializes in designing and producing wheeled and tracked armored combat vehicles as well as combat engineering vehicles, turrets and sustainability solutions. As the preferred solution provider of users in various countries, the Company has delivered so far more than 4000 armored combat vehicles worldwide.

Adding Value through Innovative Solutions

Thanks to its competent and dynamic workforce, FNSS offers innovative solutions during the entire product life cycle; from the design phase to the end of service life. Ever since the first roll-out in 1990, the Company has continuously improved its vehicle design and production capabilities in line with the requirements of its users. FNSS' KAPLAN class tracked armored product family and PARS wheeled armored vehicles are poised to shape combat vehicle trends well into the 21st century.

Meeting User Expectations

FNSS designs and develops customized solutions to meet the requirements of each user. The key to FNSS' success in delivering tailored products within requested time frames lies in its flexible approach to project management. This is complemented by its ability to orchestrate an extensive supply chain and a wide range of global partnerships.

FNSS has successfully engineered and supplied products addressing unique requirements such as Amphibious Armored Earthmover, Rapidly Deployed Amphibious Wet Wide Gap Crossing system and KAPLAN MT (Medium Weight Tank). These vehicles are the most recent samples of FNSS' user-centric business model that focuses on understanding the exact requirements and tailoring precision solutions.

Building the Future with Confidence

FNSS products have been challenged by more than user endurance tests in the toughest conditions, and have proven themselves in combat missions. FNSS views user satisfaction as a permanent concept, and strives to ensure that its products serve beyond their life cycles by addressing any new needs that may emerge throughout their use. FNSS also makes a difference by generating significant value for its international users through localization packages that include employing local labour, establishing domestic supply chains, and providing in-country training and technology transfer. Building upon its 30-year heritage in the defence industry, FNSS continues to add value to its users by creating innovative solutions.



# FOTONIKS

Defence Industry Electronics And Electro - Optics Systems



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**Cem Yazıcıoğlu** Ceo / General Manager  
**Can Yazıcıoğlu** Deputy General Manager

## Profile

FOTONIKS Military Electronics and Electro Optics Company performs research and development, design, production and provides life cycle support in Electronics and Electro Optical systems. Mounted / Dismounted Soldier and Force Protection electronics and electro optics are the mainstay of the company whose goal is to supply our Armed Forces and the ones of our allies and friends with high quality products. Company is located in Ankara and covers a closed space of 1400 m2 with manufacturing , R&D, Quality Control and ESS testing in house capabilities. Fotoniks has AS 9100 and ISO 9001 2008 Quality Management System, Ministry of National Defense Facility Security Certificate and Ministry of National Defense Manufacturing permission certificate.

# GİRSAN

Firearms Producer



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**Veysel Curgul** Chairman

**Nevzat Curgul** Ceo / General Manager

**İbrahim Curgul** Deputy General Manager

**Zafer Çapraz** Director

## Profile

GİRSAN produces pistols according to the NATO standards with 9mm x 19 Parabellum, 9mm x 21 IMI, 7.65 mm, .40S&W, .45ACP and .380ACP caliber. Also GİRSAN produces semi automatic shotguns with 12 caliber. GİRSAN exports to U.S.A., South America, Eastern and Middle Asian countries. Visit our website.

# GÖKSER R&D

Electro-Mechanical Systems And Subsystems For Defence And Aviation Sectors



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**Hilmi Ünal** General Manager  
**Hilal Ünal Türkan** Deputy General Manager  
**Serhat Ünal** Deputy General Manager  
**Alp Doruk Güngör** Business Development

## Profile

Since 1987, GOKSER has produced tailor made design and production for the Defense and Aviation sectors. GOKSER started its commercial life with the design and production of military tents, mobile hospital A/C systems, currently provides special solutions to Defense and Aviation sectors such as R&D, design, prototype production and serial production. We have 3 brands, one of which is the TECHNIFLEX Industrial flexible air hoses used in land vehicles, ships, planes, helicopters and airports. We are the only manufacturer of these hoses that are used in high temperature or in heavy environmental conditions to transfer air, particles and dust.

Our other brand is THERMACOOL, which is established to design and manufacture mobile AC and ventilation systems for military and civil purposes. Special designs produced in line with NATO standards increase the mobility capability of Turkish and foreign military forces.

Our third brand is GOKSER that develops special R&D works, design and prototypes for Defense and Aviation sectors.

So far we have successfully completed 8 R&D projects, 4 of which were funded by EU and 4 by TUBITAK. Gokser acted as coordinator in two of the EU funded projects and awarded with Tubitak's special award.

Some of our references are as follows:

Land Forces  
Air Forces

Land Aviation School  
Directorate General of Security  
Aselsan  
TAI  
FNSS  
Havelsan  
Roketsan  
Foreign Military Forces

# GRUP IMPEKS

Foreign Trade/Military Textile & Ballistic Equipments



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**Oktay Ercan** Chairman, Ceo  
**Bakiş Özdemir** Group President / Financial Affairs

## Profile

Grup Impeks Ltd. Company is a full-fledged Foreign Trade Company, rendering services to all markets in terms of procurement and logistics.

We are about to a growth of wide range of products to be exported not only to limited African Markets but to Middle East of; Saudi Arabia, UAE, Qatar; also to Southern Europe; Macedonia, Albania, Croatia, Germany and Russia with full range of Military, Security and Police Equipment, Ballistic Equipment & various Medical Kits, all types of Textile, FMCG, Retail, Industrial Machinery & Spare Parts, Dry & Innovative Food and Turnkey Projects with operation, logistics and transportation services.

The Ballistic sector is our most prestigious product group which requires the latest innovation and continuous and reliable services in technology and R&D aspects. We endeavour to offer services to Military and Police Forces by rapidly analyzing their demands.

Today, Grup Impeks Ltd. is a primary and whole supplier of Military & Police Equipment, Tactical solutions, Ballistic Equipment and Corporate designs for all kinds of uniforms and work clothes, as well as all kind of dry foods for military needs of our clients. Proudly, we are the only supplier company in Turkey which saves valuable times and efforts of our clients for facing difficulties of purchasing from multiple suppliers against their various conditions.

The development and growth of our sector and each investment made to this end will be a source of success for us on behalf of our customers.

As the military forces around the world become increasingly sophisticated and the Defence Industry is a key strategic sector which constantly grows and bodes well for our country's future, we are and we will always proud to be part of it.

With our sincere regards,

Grup Impeks Family

# GÜRSAŞ

Metal Works / Manufacturer



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**M. Ruhi Ergün** General Manager  
**Gültekin Bayır** Plant Manager

## Profile

Gürsaş (established in 1980) is one of the leading metal works companies that has dedicated engineers and designers to provide solutions across the most demanding industries (Telco, IT, Energy, Security & Monitoring, Banking & Ad, Defence Industry) It has flexible services from design to delivery; raw material to manufacture, prototyping to integration, as well as installation and maintenance. Gürsaş has 60 workers and capability to work 24/7. ISO 2001 certified. Dead Reckoning Table (DRT), Radar Slave Console; Storage Cabinet (with A/c); Sonar system & Switch Enclosures; Sys Consoles, Military Spec Rack, Console, Enclosure and subracks; SGR Console, Main Control Room Console, Admiral working desk, Officer working desk, chart table.

# GÜVENLİ YAŞAM

Personal Protective Equipment And Plastic Hard Cases



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**Hasan Deliduman** Chairman  
**Gökhan Aksu** Ceo / General Manager  
**A.özgür Yanılmaz** Business Manager

## Profile

Our company Güvenli Yaşam is a leading manufacturer of Personal Protective Equipment and hard Plastic Carrying Cases in different sizes along with ESD protection storage boxes. We specialize in high performance cases and the development of solutions for the transportation and storage of sensitive equipment. Our company is located in Ankara.

Produced with injection molding technology, our carrying cases in this series provide resistance to your valuable products against impact, water, dust and sudden shock type damages and vibration (IP67 Protection Class) during transportation and storage.

We use our own waterjet cutting machine for the inner foam or specially designed foam by your R & D department, thus offering the best transportation options to its users.

It is widely preferred in the areas of use where high protection class is required in the transportation and storage of products in Weapons, Ammunition, Electronic equipment, Aviation, Military and Defense Industries.

All our cases have ISO certificates and test reports in accordance with MIL-STD-810H standards.

# HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)

Aerospace Cluster Association



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**Osman Okyay** President  
**Mehmet Vacit Şar** Vice President  
**Yalçın Yılmazkaya** Secretary General

## Profile

Founded in January 2010, in İzmir - Turkey, Aerospace Cluster Association (ACA) focuses its activities mainly on the field of aerospace. ACA supports its members in developing their capabilities in creating innovative products and services globally as well as providing guidance to become competitive globally.

ACA is highly focused on developing strong international relations with clusters and associations, along with the other main objectives such as developing SMEs and their integration to aerospace and defense related projects, supporting the efforts in training / educating qualified technicians / technic experts and supporting the efforts in enhancing technical / technological infrastructure in the industry through collaboration with the academia.

ACA is a member of "European Aerospace Cluster Partnership (EACP)" and "Defense and Aerospace Industry Manufacturers Association (SASAD)".

Main Fields of Activities:

Production (Aircraft/Engine Parts & Systems)  
Composites Manufacturing  
Machine Production  
3D Printing (Metal & Composite)  
UAS & UAV Platforms and Associated Equipment  
System Design & Development  
Software & Simulation  
Thermal & Special Processing

Metal Working  
Powder Metallurgy  
Airport Ground Handling Equipment  
Fire Fighting & Emergency Vehicles  
Harnesses  
Customs Clearance & Logistic Services

As of 2021, ACA has 44 Corporate Member Companies out of 74 members in total.

# HAVELSAN

Command Control And Defence Technologies, Simulation, Test And Training, Ict, Homeland Security And Cyber Security



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**Dr. Mehmet Akif Nacar** CEO / General  
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and Combat Systems

**Şevket Ünal** Vice President, Operations and  
International Business Development

**Muhittin Solmaz** Vice President, Simulation,  
Autonomous and Platform Management  
Technologies

**Ömer Özkan** Vice President , Information and  
Communication Technologies

**Baykal Yaylı** General Secretary

**Musa Semerci** Marketing Group Manager

**Yeşim Dodi** Director, Financial Management

**Tacettin Köprülü** Director, R&D Technology and  
Product Management

**Oğuzhan Coşkunyürek** Director, Human  
Resources Management

## Profile

HAVELSAN is one of the leading technology companies of Turkey, established in 1982 as a corporation affiliated with the Turkish Armed Forces Foundation. Thanks to its decades-long experience and highly qualified human resources, HAVELSAN provides high technology-based software-intensive solutions and products for armed forces, public and private sectors at home and abroad.

As a company dedicated to make the world a safer place through its sophisticated technologies, HAVELSAN has established itself as a reliable, sustainable and strategic solution partner to meet the security and safety needs of friendly and allied countries. HAVELSAN has undersigned many reference projects in the national and international markets and become a significant player in the fields of:

- C4ISR Technologies
- Simulation, Autonomous & Platform Management Technologies
- Information & Communication Technologies
- Homeland Security & Cyber Security

HAVELSAN, has been one of the most important solution providers in Surface/Underwater Command, Control, Communication, and Computer Systems, Air Command Control and Information Systems and Land/Joint Command Control Systems. As Turkey's one and only, sole source proven combat management system provider, HAVELSAN has not only contributed to the Turkish navy in improving its deterrence power but also strengthened its competitiveness in global markets.

As one of the world's leading simulator companies in the defence and aerospace industry, HAVELSAN has delivered critical technologies and turnkey solutions to Turkish Armed Forces for years. With the strength of its capabilities based on world-class, industry-leading simulation technology, HAVELSAN is dedicated to provide the very best of simulation and training products, solutions and services to satisfy the evolving demands of its customers worldwide.

As a reliable business partner in the information systems and communication infrastructure processes of both defense and public sectors, HAVELSAN continues to offer its sophisticated products and solutions in ICT field as well.

Moreover, HAVELSAN also develops systems and products to meet cyber security needs that are increasing at an unprecedented pace, while meeting the cyber security-related needs of various institutions.

HAVELSAN, which has been developing and offering its own unique software intensive technologies in the fields of defence, simulation, ICT and homeland and cyber security at home and in more than 20 countries, will continue its steady and rapid rise further in the years ahead.



## HAVELSAN TEKNOLOJİ RADAR

Network Based Security Systems, Integrated Logistics Support  
Of Electronic Systems, System Sub-Production (Wire&harness  
Production, Smd Assembly, Electromechanical Assembly)



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**Ahmet Akyol** Vice Chairman

**Savaş Yanık** Vice Chairman

**İzzet Şirin** General Manager

**Abdurrahman Kurşun** Deputy General Manager

**İhsan Eroğlu** Deputy General Manager

## Profile

HTR, which is a subsidiary of Havelsan, was established in 1990 for the production of TRS-22XX Long Range Air Surveillance Radars. Having knowledge in radar systems, HTR enlarged its area of expertise within its knowledge and vision. HTR continue its operations for the defense industry in three main fields: integrated logistics support of electronic systems, sub system production and network based security systems. These fields are supported with HTR's R&D center. HTR has more than 400 employees working in 15.500 m2 closed and 25.500 m2 open area. With more than 30 years' experience, HTR holds its indigenous and unique products. These products takes an important role for the homeland security especially in areas where critical facility and border security is needed.

# HEMA ENDÜSTRİ

Automotive-Defense-Aerospace



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**İbrahim Hattat** Chairman

**Osman Tunç Doğan** Ceo/ General Manager

**İbrahim Durmuş** Deputy General Manager

**Erdal Deniz** Deputy General Manager

**Saadettin Pey** Deputy General Manager

## Profile

Hema Endüstri design develops and produces hydraulic systems such as pumps, valves, steering gears and powertrain systems such as gears, gearboxes, transmissions, axles, engine blocks, balancers, crankshafts and oil sumps. Process capabilities are on casting (iron and HPDC), machining, painting and coating, heat treatment, assembly and test. In defense industry it design , develops and produces complete battle tank carriers, armored tactical and tracked vehicles, and powerpacks for military vehicles. In aviation, hydraulic piston pumps and engine casing torque shaft machining, landing gear assembly and test for UAV's.

# HEXAGON STUDIO

Design And Engineering In Transport, Defence And Marine Industries



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**İnan Kırac** Chairman of The Board

**Tolga Doğancıoğlu** General Manager

**Murat Özkan** Engineering Director

**Ünal Elbeyli** Business Development Manager

**Bahadır Hızlan** Project Management and Model-Prototype Manufacturing Manage

## Profile

“Unique Solutions in Transport, Defence and Marine Industries”

Having succeeded in more than a hundred development projects in design and engineering, such as New York Taxi, hybrid diesel-electric bus and Automated Linkless Ammunition Transfer Mechanism, since its foundation in 2005, Hexagon Studio takes justified pride of being a long-term solution partner for its industry stakeholders. We provide turnkey engineering solutions to the industries by utilizing unique technological approaches in response to challenging demands and requirements from its customers.

Reserving “being one of the leading R&D centers in Europe in 2020” as its primary objective, Hexagon Studio positions itself as a trend setter in conceptual design and a solution developer in “Sustainable Mobility Solutions” for the welfare of the society. With this vision in mind, the company participated in the following major design and development projects in the last six years.

Linkless ammunition transfer mechanism

Automated ammunition feeding direction selector

Turret design of a depth charge launcher for ASW

Shock absorber platform design for electro-optic target designator

Target plotter design

Air-flow channel design for ASELPOD

Structural optimisation for a tactical vehicle

Hexagon Studio took full advantage of its past experiences and technological know-how in transport, defence and marine projects to create unique solutions in those industries. Thus, we are now working on different national/international projects those would be major milestones for Hexagon Studio. Finally, we take full advantage of our integrated infrastructure for prototype manufacturing and design validation/verification both at laboratory level and on-road-

vehicle/product testing in our product development process for the benefit of our stakeholders.

# HIDROAN

Land Systems, Hydraulic And Pneumatic Systems & Equipments



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**Musa Ertunç** General Manager  
**Ahmet H. Alkan** Project Coordinator  
**Reha Oğuz** Strategy and Project Development Manager

## Profile

HIDROAN provides project design, sales and after sales support services in the field of industrial hydraulics, mobile hydraulics and on-board vehicle equipment.

In our project office, all kinds of engineering services are provided by our experienced engineers. In addition, our company provides R & D support as well as engineering services in order to ensure that its customers are always one step ahead in globalizing world conditions.

Completed works;

Handmade Explosive Detection Robot  
The Remote Controlled Bomb Disposal Robot  
Mobile Tower  
Launch Tool Superstructure Design,  
Command Control Vehicle  
Mobile Rangefinder and Antenna Carrier Trailer Design  
Laser Target Marking Tool Vehicle  
High Speed Camera Carrier Vehicle  
Cable Drums  
Radio Antenna Bottom

# HST AUTOMOTIVE

Automatic/electronic Cross Drive Transmissions, Gearboxes,  
Differentials, Gear Systems Production

HST Automotive / Hema  
Manufacturing Industry and Trade Co.

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**Murat Kurtça** Chairman

## Profile

HST was established in 1974 and has two plants (a gear plant and a forging plant) in Ankara. Since then, it has proven itself with its superior quality and has been supplying to worldwide commercial and defense markets. 70.000 m2 closed, 310.000 m2 open area, more than 600 production machines. Heat treatment facility with gas carburizing, gas nitriding, tempering and annealing furnaces, induction hardening machines, and press quenching capability. Mangan and zinc phosphate coating, shot-peening, magnaflux machines.

Production range: fully automatic/electronic cross drive transmissions for tracked military vehicles; ACVs, tanks and tank modernizations, complete gearboxes and differentials, gear systems, transfer boxes, shift units, gear sets, gears, and shafts for commercial vehicles. Fully automated testing capabilities.

HST is proud of serving its business partners not only in Turkey but also around the globe. Exports since our establishment include: USA, England, Germany, Spain, Italy, Saudi Arabia, India, Pakistan, Israel. Our company will proudly continue to have the honor of serving all precious customers with quality and guarantee for the years to come.

Quality control and management is a major mission for all processes of every single step, that's why HST is accredited for the compliance of ISO 9001-2015. We are always in a movement to improve our standards. Quality certificates: IATF 16949, ISO 14001, OHSAS 18001, FSCC, ISO/IEC 27001, EN 15085-2d, NATO & National Facility Security Clearance, and Production Permit by Turkish Ministry of Defense

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**H. Vedat Uslu** Chief Executive Officer  
**Hakan Ayçenik** Head of Defense Sector  
**Basri Serdaş** Head of Corporate Sector  
**Hakan Yüksel** Director of Finance and Operations  
**Zekeriya Dinçer** Corporate Sector Business Development Manager  
**Ergün Özkaya** Corporate Sector Business Development Manager  
**Cihan Yıldız** Defense Sector Business Development Manager  
**Aslıhan Duman** Defense Sector Business Development Manager  
**Kadir Şahin** Corporate Communications Specialist

## Profile

ICTerra is a Software Engineering Company with 200+ software professionals and offices in Munich, London, Wrocław, Ankara, İstanbul. We combine more than 30 years of software development experience with technology expertise and proven methodologies to provide Software Solutions to our customers.

We have been building long-lasting strategic partnerships with our customers across multiple industries such as Defence, Healthcare and Medical, Energy, Automotive, Avionics, and Telecommunications.

With our expertise in numerous areas, we provide innovative solutions about Software and Software-intensive System / Subsystem Development, Software Testing, SW Consultancy and Engineering services.

We have an Integrated Management System based on our strong corporate culture and the internationally accepted management system models/standards, CMMI Level-3, ISO 9001, ISO 27001, and ISO 14001. Besides we have "National and NATO Confidential" Classified Facility Security Certificates.

The main business models engaged are:

Turnkey Software Development projects  
Software R&D partnerships and engineering support/ consulting  
Software Maintenance & Support Services  
Strategic Partnerships

The main areas of expertise are:

Electronic Warfare Software  
Avionics and Safety-Critical Software Development (DO-178C, EN50128)  
Embedded Software Development  
Telecommunication Software (WebRTC, VoIP)  
Cyber Security Solutions  
Enterprise Application Software  
Process Automation Solutions  
Software Licensing Solutions  
SaaS / Cloud Applications  
Web and Mobile Applications  
Big Data and Data Analytics  
Internet of Things

## ILERI GROUP

Leading Designer And Manufacturer Of Steering And Control Systems



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**Halit İleri** Chairman & General Manager  
**Gürhan Horbay** Deputy General Manager  
**Süleyman Işık** Sales & Marketing Director  
**Hilmi İleri** Key Account Manager  
**Orkun Kircuvaloğlu** Engineering Director  
**Elif Kasar** HR Director  
**Erdal Yetik** Quality System Director  
**Koray İleri** Purchasing Director  
**Ebru İleri** Finance Director  
**Kadir Koçakoğlu** Defence Division, Manager

**Melih Dilben** System Development Manager

## Profile

Ileri designs and manufactures mechanical and electromechanical steering and control systems for the world's best known on and off-highway industry OEMs. Major products offered are steering columns, locks, handles, parking brakes, pedal assemblies and various welded and fabricated components.

Ileri actively involves from very early development phase to prototyping, validation and series production. Ileri's quality infrastructure is lined up with ISO/TS 16949. It utilizes diverse technologies for all in-house tool making, metal cutting/forming, robotized welding, injection molding and assembling, which are supported with well equipped verification and testing laboratories.

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**Burak S. Pekcan** Ceo - Founder  
**Oğuz Altay** General Assistant Manager  
**Deniz Özdemir** General Assistant Manager  
**Nuzhet Abbasoğlu** Cfo

## Profile

Since 1994, infoTRON has been pioneering in 3D high technology solutions and consulting services in Turkey.

The products and services of infoTRON have been used by many leading Turkish companies operating in automotive, defense, aerospace, electronics, manufacturing, education, construction, and consumer goods sectors. infoTRON aims to keep its brand promise of "Together We Create the Future in 3D" by supplying a wide range of 3D technology solutions for improving business efficiency and offers sustainable value-add to its alliances, customers and to the society.

The product and service portfolio of infoTRON includes:

Product Design & Development:

Industrial Design

Mechanical Design, Engineering and Analysis

Ergonomics and Virtual Prototyping

3D Printing and Rapid Prototyping:

infoTRON has over 20+ years of experience and 75% market share in 3D printing and rapid prototyping in Turkey

30+ 3D printers have been installed in Top50 Companies of Turkey

Local Post-Sales Technical Support also provided

3D Scanning, Reverse Engineering and Quality Control:

Digitalization of product development processes and product optimization

Design and final product compatibility and tolerance, standards

compliance tests

Physical model manufacturing; re-production of manufactured equipment, molds and products

Product Lifecycle Management (PLM) Services:

In cooperation with Dassault Systèmes, infoTRON offers CATIA & ENOVIA software and implementation

Virtual Reality:

Real-time Virtual Prototyping

Design and Engineering Analyses on 1:1 scaled models

Virtual Training on Virtual Prototypes

Augmented Reality

Simulation:

3D Content Creation for simulators and virtual worlds

3D Visualization Software Tools and Hardware

Development of Human Machine Interfaces

Development of intelligent simulation environments for civil and military applications to simulate, test, and evaluate

Digital display development

HWIL simulators



# İŞBİR

Electrical System, Generator, Energy



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**Burhan Özgür** Ceo / General Manager  
**İzzet Yırgal** Technical Director  
**Hasan Ali Karagöz** Sales Manager  
**Özgür Can** Export-Import Manager  
**Ali Çağlar** Logistics And Purchasing Manager  
**Alper Akça** R&D Manager

## Profile

İŞBİR ELEKTRİK SAN. A.Ş. has produced and still continues to produce very important projects on alternator and generator that has high local content ratio to Turkish Defense Industry and civil institutions from 1977 to nowadays. It continues working on new projects that meet the technological requirements with good engineering skills, strong infrastructure and open for improvements, quality focused business structure. İŞBİR produces Mobile dual generator sets that are used for Military and Civil applications, especially silent generator, For Ships, Security Boats and Trailers it produces Marine Type Diesel generator Sets, Synchronous Diesel Generator Sets and Frequency Convertors.

İŞBİR stands for a guarantor of continuous energy which is a requirement of people with its high quality production, active and continuous sales, quick after sales supports. İŞBİR offers solutions to clients with its dealers and authorized services that are located at seven geographical regions, all over our country.

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**Osman Zeki Sircan** Chairman  
**Burcu Cebeci** CFO

## Profile

Since 1975 our company has been manufacturing intelligent manufacturing management and HAVAC industry in the sense of HAVAC and ARGE boutique custom mechatronic designs. As a solution partner for leading companies in defense industry in special boutique designs, ARGE designs and production of the following systems have been realized.

**SPECIAL AR-GE BOUTIQUE DESIGNS FOR DEFENSE INDUSTRY:**

- Rocket Simulator Container Cabinet Production of SKADA-controlled terrestrial mobile test cabinets at -65°C and + 70°C,
- Robot Eye Target Tracking System device testing and simulation unit -60°C + 70°C heat SKADA control and reporting, intelligent production management custom design.
- Thermal heat generator cabinet conditioning and test unit + SKADA management and control system at -100°C + 100°C.
- Optical coating unit stable cold water unit + 4 °C + 20 °C data processing control.
- Optical coating unit stabilization hot water unit + 30°C / + 80°C data processing control.
- Stable cold water 22°C radar unit stabilized heat conditioning and control unit.
- Stable cold / hot -20 / +100 °C controlled cabin air and humidity conditioning. Laser unit test and analysis unit heat + pressure + flow rate + kcal / h detection and equipment tests.
- Laser 3-group unit test and analysis unit heat + pressure + amount of heat consumed, cross control and unit tests at high pressure. Computer test unit with high pressure air control 750 Pa / 30 °C 250 m<sup>3</sup> / h air drying and air conditioning unit with 30C ΔT. Continuous 0 °C air charge
- Aircraft parts under 200 bar pressure test unit -65°C + 120°C data processing equipment and intelligent production, design capable of high pressure chamber unit tests

- Device that performs 250 m<sup>3</sup> / h of air charge to the chamber unit under high pressure between -40°C + 70°C and is programmed (70°C ΔT Cooling 100% fresh air) (Custom smart production, design)
- Product tester capable of continuously spraying 2000 m<sup>3</sup> / h of air with 40 °C ΔT under 400 mbar pressure and 250 m diameter nozzles into aircraft computers and cockpit at 0 °C.
- Test device that constantly controls 90% humid air with stable heat in the tunnel at 22 °C constant temperature with 20% relative humidity.
- PVD Coating technology unit stable heat control and monitoring devices that can keep the heat released at the desired limits constant.
- Special design testers (intelligent management, design) that can keep the inside temperature of the cab + 22°C at standard temperature without losing any performance value at -40°C to + 55°C outdoor temperature
- A test unit that can cool the + 70°C return fluid to the desired degree by instantly controlling the wing mold with precise control at the composite airplane wing production plant and charge it to the system with a temperature of 10 0C and keep the mold homogeneously at the desired limits.
- Warplane computer simulation system, -40 / +70 °C pressure, flow rate and temperature control panel
- F35 / F16 / F4 aircraft engine coolant system, mobile or fixed container, 6 PSI pressure, 1200 CFM flow rate, 0 °C constant temperature
- 5 kW / 2,5 kW transfer fluid heating / cooling test and control unit, -46 oC liquid cooling system
- Diesel engine air conditioning and system cooling unit

# İSTANBUL SHIPYARD

Ship Building, Ship Repair & Maintenance, Ship Modernization



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**Atilla Çiftçigüzeli** Ceo / Vice Chairman

**Tarık Var** General Manager

**Fevzi Yavuz Batum** Production Coordinator, Director

**Alptuğrul Sağlam** Repair and Maintenance Manager

## Profile

Istanbul Shipyard has started its activities in 1980s and after a process of restructuring in August 2003, it has been renamed as Istanbul Shipyard.

Istanbul Shipyard, with its 12.000 m2 enclosed and 51.000 m2 total area having six slipways, one 105 m and one 129 m length floating docks, three piers and 150 m length wharf, is capable of giving repair and maintenance service for 14 vessels at the same time. Istanbul Shipyard has 72.400 t/year metal processing capacity.

Istanbul Shipyard provides its customers a flexible, integrated production system at its shipyard with several production facilities including in-house design office services.

Istanbul Shipyard is capable of designing and building a wide range of patrol vessels (OPV, Coast Guard, Police, SAR and Interceptor) and auxiliary vessels (Submarine Rescue, Rescue and Towing, Seismic Research, Replenishment Tanker) as well as offering modernization, conversion, repair and maintenance services. Istanbul Shipyard, which aims to develop its productivity with its environment-friendly principles, is one of the exceptional shipyards, performing inspections during every step of production, quality, occupational health-safety measures and having ISO 9001, OHSAS 18001, ISO 14001 and National & NATO Facility Security Clearance Certificates issued by Ministry of Defence.

## İSTANBUL SİLAH

Manufacturing And Exporting Variety Of Shotguns And Parts From Turkey To The Whole World, Well Known Quality On The Market



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**Erol Kurt** Ceo

**Semih Uzun** Trade Manager

**Burak Unver** Sales Manager

## Profile

Istanbul Silah was established in 2003 to produce hunting shotguns in İstanbul, Turkey. Since then the company continues to manufacture and export variety of shotguns and parts in high volumes to the USA and all the world. In its new plant of 18,000 square meters and with over 230 employees. Not only manufacturing top quality products for world's most known brands, İstanbul Silah is producing own branded models such as Impala Plus semi-auto shotgun.

# KALE AERO

Aerospace And Defence

 **Kale Aero**

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**Hasan Gulgonul** Business Development, Strategic Planning and Programs Director

**Onur Kaba** Business Development Manager

**Ezgi Karakullukcu** Senior Business Development Specialist

## Profile

Kale Aero is one of the Kale Group of companies. Kale Group was established in 1957 and its main activity scope include ceramics, chemicals, mining, transportation, energy, software, robotics, defense and aerospace. Kale Kalıp Sanayi was established in 1969 under Kale Technical and Chemical Group.

In early 2008, Kale Group created a new facility in a Free-Trade Zone in Tuzla, İstanbul and moved its defense and aerospace business from Kale Kalıp to this facility under the name Kale Aero.

Kale Aero is a one-stop shop, a leading producer of structural components, subassemblies and subsystems to the worldwide aerospace industry together with its valued supply chain.

Kale Aero is a supplier of structural parts and subassemblies for the world's leading manufacturers such as Boeing, Lockheed Martin, Airbus, PFW, Spirit, KAI, Honeywell, Northrop Grumman, Turkish Aerospace, Heroux Devtek, and CTRM.

Kale Aero specializes on complex mechanical assemblies and major functional components for corporate and military aircrafts. It provides Design, Engineering, Project Management, High Quality Production with an in-house Special Processes such as Heat Treatment, Shot Peen, NDT, Welding and Surface Treatment. Thanks to its rich supply chain, Kale Aero outsources any other operations such as composite, tubing and the like conveniently and this makes it an ideal single-source supplier.

Kale Aero's high-speed, 5-axis CNC machining centers are the backbone of its mechanical production, providing precision machining, milling, turning and grinding of components for the industry. They are specially selected and set up to fulfill the demands of the industry and its product specifications.

Kale Aero is approved by NADCAP on 6 different commodities including M&I and sustaining an AS9100 standard.

Kale Aero is known as an environmentally sustainable company that produces high quality products with its efficient production processes continuously improving with its digitalization development roadmap.

# KALEKALIP

Light Weapon Manufacturer

**KaleKalıp**

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**Selim Erol** General Manager  
**Türker Özcihan** Programs Manager

## Profile

KaleKalıp ventured the defense and aviation industry, which was regarded as an innovative growth area, with the production of 22 different parts in the Stinger Missile Systems Project in 1987. For more than 30 years in the defense and aerospace industry, KaleKalıp has been the stakeholder of important global projects, contractor of national projects and the incubator center of many important projects.

In KaleKalıp, Turkey's first national infantry rifle (MPT-76) was produced and completed. Meeting the needs of our military and security forces with MPT76, KaleKalıp continues to take place in the inventory of the state and contributes to nationalization and localization with indigenous products. Completely designed and developed in KaleKalıp taking into account user feedbacks and needs, Kale Combat Rifle (KCR) series products (KCR556, KCR739, KCR762) have been widely used by Turkish Armed Forces and General Directorate of Security for more than 3 years.

KaleKalıp is also supplying 40mm Automatic Grenade Launcher (KAGL40) to Turkish Gendarmerie, Turkish Land Forces and Turkish Naval Forces for more than 20 years.

Other in house designed, tested qualified, produced and battle proven product portfolio consists 12,7mm NATO Bolt Action Sniper Rifle (KSR50), .338 Caliber Bolt Action Sniper Rifle (KSR338), 7,62mm NATO Designated Marksman Rifle (KMR762), 40mm Under Barrel Grenade Launcher (KGL40) and 5,56mm NATO Machine Gun (KMG556).

Being in the service of Turkish Security Forces for more than 30

years, KaleKalıp is dedicated to enhance the capabilities of Armed Forces, to indigenously develop new light weapons in accordance with field needs/ feedbacks and to present state of the art technologies to the usage of National Forces.

# KAREL

Complete System

# KAREL

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**Serdar Tunaoğlu** Chairman

**Sinan Tunaoğlu** Ceo / General Manager

**Senih Başol** Defence Industry Solutions Director

## Profile

Karel Defence Solutions offers products and solutions for military communication systems for more than 15 years. Karel provides alarm & announce systems, telephone exchange systems for naval ships for Turkish navy, and also military field switchboards, intercom systems for armoured vehicles. Although the main focus is military communication systems, KAREL is also developing back up flight instrument "BF" airplanes to answer growing Turkish aerospace needs. Karel designed and developed many different equipment for armed forces such as solid state disks "SSD", ruggedized/military hand held computers, IMU systems, special control cards and systems etc. Different products are currently being used by Turkish Army and some foreign armies as well. With its dynamic R&D department with more than 80 electronics engineers, KAREL Defence Solutions can response different customer requirements very promptly without needing any foreign license or IP rights. Additionally KAREL has one of the largest electronics manufacturing plant of Turkey for production her own designs and products. As well as this plant works as an electronics manufacturing service supplier for many companies including main contractors of defence companies and other manufacturers.

# KATMERCİLER

Defence Industry Products: The 4X4 Tactical Wheeled Armoured Vehicles, Riot Control Vehicles, Unmanned Ground Vehicles Design And Production



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**Mehmet Katmerci** Vice Chairman / General Manager  
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**İsmail Hakkı Kırkıl** Export Sales Director  
**Gökmen Ölçer** Financial Coordinator  
**Murat Sert** Director of Defence Products  
**Fahrettin Akpak** R&D Center Manager  
**Tarkan Özateşoğlu** Purchasing Manager  
**Cihangir Çilingir** Business Development

Manager  
**Yusuf Öztoprak** Defence Products, Marketing Segment Manager  
**Şahan Sümer** Ankara Factory Manager  
**Muhsin Ballı** Quality Manager

## Profile

Katmerciler, founded in 1985, took the first steps towards the Turkish defense industry with the riot control vehicle (RCV) production that it has been producing since 2010. 4x4 Tactical Wheeled Armored Personnel Carriers designed and developed in its own R&D Center, in line with NATO standards and ballistic strengthened, have become a powerful solution partner and supplier of the Defense and Security Industry along other vehicles that meet the different requirements of the Armed Forces and Security Forces.

Katmerciler is one of the stable companies of these lists: "ISO500", which shows the biggest companies of Turkey, "TIM1000", which shows the biggest exporters, and "EBSO100" which shows the biggest companies of Aegean Region.

Katmerciler, whose shares have been traded on the Istanbul Stock Exchange since 2010, exports its products to over sixty countries.

Katmerciler with its strong R&D Center and innovative approaches, being able to create innovations in many areas, producing solutions according to the needs, and making a difference from production to after-sales services with the philosophy of business without compromising on quality carries out its production at its factories in İzmir Atatürk Organized Industrial Zone and Ankara Capital Organized Industrial Zone.



# KAYALAR

Mobile Industrial Kitchen Equipment And Aircraft Kitchen Equipment



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**İslam Kaya** Chairman  
**Alp Dora** Ceo / General Manager

## Profile

Kayalar group was established in 1954. Having 53 years of industrial kitchen experience made Kayalar become one of the leader companies in the sector. Today in its 45.000 m2 space, of which 26000 m2 of this is covered area, it is designing, producing, developing and marketing industrial kitchen, kitchen equipment and plastic products, approximately 2500 types with over than 500 employees.

As a result of its international and domestic projects, Kayalar helps introducing of industrial kitchen sector in Turkey. In this way it performs one of its missions by exporting its products. Kayalar is serving with 8 sales stores and 54 vendors in Turkey and also it is expanding with new investments every day.

Kayalar formed its quality principles of production and services before and after selling based on customers expectations. Kayalar is determined to keep up its mission by improving the products and service system on the way of costumers needs and international standards.

# KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ

Hardware And Software Solutions Of Electronic Systems For Naval Platforms



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**Erkut Tekinkaya** Chairman  
**Mehmet Hakan Öktem** Managing Director  
**Berker Emre Tok** Business Development Manager  
**Özay Öymez** Business Development Manager

## Profile

Koç Bilgi ve Savunma Teknolojileri A.Ş. is a company developing products especially based on R&D in underwater acoustics and electronic systems of naval platforms.

As one of the limited corporations that offers services and products in the field of underwater acoustic systems, Koç Bilgi ve Savunma Teknolojileri A.Ş. is a company that;

- offers innovative and competitive solutions in electronic system design, embedded software applications, data fusion, mechanical product design and modeling/simulation in the context of underwater systems design, acoustic signal processing, underwater environment modeling, acoustic detection and classification;

- achieves at least 75% local content in underwater electro-acoustic systems while creating awareness by consolidating this unique contribution with his ship-system integration experience;

- develops derivative systems by combining the developed technologies in different ways;

- has a special position in field coverage (Wide Area Network) and data fusion in modular distributed architecture, based on its detection and monitoring capability with multiple intelligent collectible acoustic systems developed to qualify the underwater mobile systems with field tests.

With these features, Koç Bilgi ve Savunma Teknolojileri A.Ş. takes place as a reliable partner with unique solutions in important defense industry projects.

Koç Bilgi ve Savunma Teknolojileri A.Ş.'s products are classified in 5 categories:

1. Submarine Systems:  
Torpedo Countermeasure System,

Breathing Air Monitoring System,  
Sonar Beacon System,  
PC Network System.

2. Underwater Measuring & Localization Systems:  
Underwater Detection And Positioning System  
Offshore&Inshore Weapon Scoring System  
Smartium Blue Water Quality Measurement System.

3. Sonar Systems:  
Wake Detector,  
Diver Detection Sonars,  
Smart Embedded Underwater Detection and Classification System,  
Acoustic Detection& Monitoring System.

4. Surface & Subsurface COMM Systems:  
Message Handling System,  
Message and Document Distribution System,  
Underwater Telephone and Emergency Underwater Telephone.

5. Software Based Products:  
Data Center Software For Naval Mine Warfare,  
Underwater Warfare Analysis and Simulation,  
SORTAM Underwater Environment Model,  
Target Strength Modelling &Analysis.

# KOÇAK PETROL ÜRÜNLERİ

Production Of Lubricant Oil, Grease, Antifreeze And Other Preparation Products (Car Care)



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**Yusuf Koçak** General Manager

**Tayfun Koçak** Asst. General Manager

**Ceyhan Çağlar Çapanoğlu** R&D and Technical Project Manager

**Zeynep Esenoğlu** Asst. R&D Manager

## Profile

In taking a place it deserves amongst the region's leading lubricant and grease producers with its quality service concept, technology-based investments, employees who focus on their customers and stable growth policies, Koçak Petrol was founded as a family company in 1989.

SPEEDOL USA, which was established in the USA in 1921, joined the organization of Koçak Petrol. Koçak Petrol realizes production domestic which has a production volume of 60.000 tons / year on an area of 14.000 m2 in Gebze Pelitli Region , in modern facilities at international standards with the power of 100 years of knowledge and experience, with a full automation system; produces locally high performance lubricants, greases and F6 brand auto care products for the automotive, industrial, defense & aerospace industry, textile, construction, railways, agriculture, metal, energy, plastic, machinery, aviation and defense industry sectors.

Today, Koçak Petrol-Speedol adds value to the country's economy with more than 300 product types and more than 700 packaging varieties. Koçak Petrol has TSE, ISO 9001, 45001, 14001 Quality certificates. Koçak Petroleum Laboratory is a laboratory with Türkak Accredited Experiment Laboratory Certificate and 17025 Laboratory Experiment Competence Certificate. Koçak Petrol R&D department has been operating since its establishment. Our company has more than 40 OEM approval certificates from international engine, gearbox and machine manufacturers.( VW, Man, Mercedes, Renault, Mack, MTU, Voith, Cincinnati, Denison, ZF ...) Koçak Petrol products are exported to more than 45 countries on 4 continents. Koçak Petrol received the supplier certificate approved by the MSB Defense Military Factories General Directorate as Production / R&D on 22.11.2018.

Among the lubricant oil, grease and preparation product groups produced by Koçak Petrol under the Speedol brand for the DEFENSE INDUSTRY and supported by import substitution; weapon Oil, Grease and Antifreeze, Automotive & Industrial Oils, Screenwash Fluid and Prepared Spray Products, Special Defense Industry Project Products.

Within the 'Koçak Petrol R&D Department', especially foreign substitute products are projected in line with the developments in the sector and the demands of the defense industry tender institutions, with the knowledge of the lubricant, grease and preparation chemical group products owned by Koçak Petrol. With special products for the defense industry, the company provides added value to Turkish economy, and offers solutions to this sector.

Koçak Petrol-Speedol Product Groups:

- Automotive Engine and Transmission Oils
- Motorcycle Oils
- Tractor and Agricultural Machinery Oils
- Industrial Oils
- Metal Working Oils & Cutting Fluids
- Marine, Aviation and Railway Products
- Greases and Special Pastes
- Construction Mould Oils
- Textile Knitting Oils
- Process Oils
- Defense Industry Products
- Brake Fluids & Antifreeze Types, Screenwash Fluid
- F6 & Technical Care Products

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**Kaan Saltık** Chairman & CEO  
**Tolga Tunaboylu** CFO

## Profile

Koluman was setup in Ankara in 1965. Line of business of the Company was determined to be machinery trade, ferro - steel works, complete factories and installations, raw materials exports, touristic business and import, export associated with what has been aforesaid, electrogenerator groups and their import, brokering and representation. Aiming at continual growth and expansion ever since its very establishment, the Company became a holding in 1975 and at the date Koluman Holding Incorporated was setup. In 1982, title was renamed to Koluman Motor Vehicles Trade and Industry Incorporated. It was on May 1984 when Koluman Holding Incorporated became a commercial partner with Mercedes Benz Türk A.Ş. Since then Koluman Motor Vehicles Trade and Industry Incorporated focused on automotive sector, becoming one of the chief distributors for Mercedes Benz Turkish Incorporated, and began providing during and post sale service duties of the Mercedes-Benz brand vehicles (today, Koluman has service facilities in Tarsus/Mersin, Gaziantep, Ankara and İstanbul). In 1997, Tarsus Manufacture and Assembly branch "Koluman Automotive Industry (KOE) was setup with a view to performing design, production and integration works for various vehicle superstructures including military vehicles, continues its activities in a closed area of 80.000m<sup>2</sup> equipped with the latest technologies in Tarsus district of Mersin. Manufacture and assembly of dumpers, tankers, fire extinguishing super-structures, salt sprayers, vacuum cleaners, preparatory sweepers, snow blade equipments, and modifications to the vehicles are the main activities carried out. Production and integration of defensive superstructures and militarization of the vehicles, production of the superstructure for aircraft refueler tanker and for vacuum runway sweeper and trailer and semi-trailer production are the other main activities carried out. KOE started its R&D studies at the end of the 2015 for the need of

an 8x8 armored logistic support vehicle of Turkish Armed Forces. At the end of the 2018, DERMAN 8x8 Armored Logistic Support Vehicle was introduced to the market with KOLUMAN brand and high localization rate. With its production infrastructure, KOE has the capacity to meet the 8x8 truck and tow truck needs required by TSK for various special systems. Koluman aims to offer the "DERMAN 8x8" vehicle to NATO armies as well."

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**Fatih Koyuncu** Chairman  
**Seydi Koyuncu** Vice Chairman  
**İbrahim Avcıoğlu** General Manager

## Profile

KOYUNCU ÇELİK has almost 35 years of experience due to 1st generation business activity. The company reconstructed in 2008 and till then it has been working with the recent legal statues and corporal profile under the name of KOYUNCU Çelik LTD ŞTİ.

Our company currently working in Mersin, and operating:

1. Design and consultation
2. Production
3. Instillation (montage)
4. Metal surface painting and sandblasting activities with ISO quality standards in the field of automotive, machinery and manufacturing industry and steel construction.

In the field of military industry, the company has been producing equipments particularly necessary in the military operation areas like logistic storage products, prefabric living and office buildings and the devices which are used for replacement of these buildings. Productions are based on NATO STANDARDS.

Our main (patented) products in the field of military industry that we are experienced:

1. 40 Feet Modular Ammunition Store,
2. 20 Feet Modular Ammunition Store,
3. 10 Feet Modular Ammunition Store,
4. 40 Feet Modular Fuel Depot and Transport Facilities
5. 20 Feet Modular Fuel Depot and Transport Facilities
6. BOX Type Modular Ammunition Store,
7. Container Carriage (Trailer),
8. Living and Office Containers.

# KRL



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**Semih Karal** Chairman, General Manager  
**Nevzat Kerimođlu** General Coordinator  
**Ahmet Özkaya** Technical Manager

## Profile

Founded in 1986, KRL Elektronik Co. first started to produce electronic devices. Industrial steel detectors, power supplies, data line panels and control devices are amongst those devices. As of 1998, electro mechanic and metalworking units were established. Electronic device boxes and 19" computer cabinets are the products produced.

KRL produces various cabinets, boxes and panels for the safety of computers and electronic devices and offers technical and reliable solutions to its customers. These solutions start from the sampling and end with the mass production. KRL is especially specializes on 19" computer cabinets and produces mounted cabinets with high performance profiles and plates.

Its objective is to reach at a specific level of quality in local and foreign markets and maintain its place in the sector with its qualified engineers and technicians.

## LEONARDO Turkey

Center Of Excellence For Secure Communications & Airborne Systems



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**Sinan Őenol** General Manager/Chairman of The Board  
**Uröz Ketenci** Business Development & Programs Director  
**Serdar Kuzucu** Operations Director

## Profile

An International Subsidiary of Leonardo, Leonardo Turkey offers a wide range of solutions, equipment, systems, integration and logistic support services in the field of emergency, strategic and tactical communications, naval communications, integrated security, avionics, lighting equipment and control panels for air/land platforms. Thanks to its technologies and experience, Leonardo Turkey is able to bring the best to customers in terms of products, services and quality on its premises located in Gölbaşı/Ankara:

### Products and Systems

- Land & Naval Communication Systems, Products & Peripherals
- System Integration
- Message Handling Systems
- Airborne Communication Products & Peripherals
- Integrated Security & Emergency Communication Systems
- Aircraft/Land Platforms Internal/External NVIS Lighting System and NVIS Conversion
- Aircraft and Land Platforms Control Panels

## M-D2

Ammunition Disposal Solutions And Test Systems



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**Ahmet Turhan Ural** Manager  
**Ragup Sarıoğlu** Manager

## Profile

M-D2 Engineering was established in 2005. It is an engineering company developing projects in solvent recovery, disposal energetic materials (small caliber ammunitions, composite fuels, TNT, RDX, gun powder, Melanj) and special purposes equipment manufacturing. M-D2 designs systems, sub-systems, process and special purposes equipment. Installation, erection, commissioning, user training of the systems are also done by M-D2 as a part of complete service package. In addition to project development, M-D2 provides technical consultancy for solvent recovery and sells analysis equipment and blast proof containers.



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**Mahmet Ali Karatokuş** Chairman

**Bülent Karatokuş** Deputy General Manager

**Serdar Karatokuş** Deputy General Manager

## Profile

Mak Savunma's main field of activity is mechanic, electromechanic military spare parts production and mounting. Moreover, it is in the sector in the production of cable groups.

# MAKEL

Cbrn Filters & Protection Systems, Life Support Systems,  
Enviromental Control Units, Auxillary Power Units



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**Emre Mustafa Tuksal** Ceo & General Manager

**Tonguç Yalçın** Deputy General Manager

**Suat Ay** Business Coordinator

## Profile

MAKEL Technology, manufacturer of company patented products and a well-known OEM, has reached the current status through 17 years of strictly decisive policies implementing the visionary strategies that have managed to transformed the company from brand representative / service center to aforementioned level.

MAKEL Technology is the sole supplier for COTS CBRN products to the Turkish Armed Forces in compliance with NATO standards and certified subcontractor for 'Subsystem design and Manufacturing' of ASELSAN.

The core business of the company is 'Life Support Systems' whose main components are CBRN Filter / protection system, auxiliary power unit and environmental control unit. The company's expertise accumulated through the logistics support provided to Turkish Armed Forces that merged with the Group's R&D culture in the course of activities. The structural changes accomplished, aided ultimate development and manufacturing of indigenous products and sub systems integration.

On the other hand single or double function unit design and production in line with the customer requirements has a considerable portion in the company activities. The best example is the CBRN product line: extending from individual protection (40 m<sup>3</sup>/hr) to Stanag 4447 - Naval Radial CBRN Filter (300 m<sup>3</sup>/ hr), from there to MFB-1200 Collective Protection Filtration Unit for Naval and Building applications (2.400 m<sup>3</sup>/hr)

FNSS

HAVELSAN TEKNOLOJİ RADAR

KATMERCİLER

SAVRONİK

PAGETEL

NUROL

ROKETSAN

VESTEL

STM

OTOKAR

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**Ahmet Çelebi** Finance Manager  
**Senem Yenerer Mutlu Export** Import and Purchasing Executive  
**Selma Kansız** Production Planning Executive  
**Suna Uçkan** Quality Assurance Executive  
**Alfan Taşdemir** Domestic Sales Expert

## Profile

Maktel AŞ. / Turkey is proud to have earned a reputation as one of the premier companies in the spring and wire form manufacturing industry since 1972.

As our company vision statement say:

Maktel is a family of dedicated individuals who have a passion for quality, continuous improvement, and customer satisfaction.

Maktel springs are used in almost every product and in almost every facet of our lives. Each of our facilities operate with total compliance to specifications in the manufacturing of coil springs, metal stamped parts and metal forms.

Maktel Springs and Hose Clamps are manufactured in compliance with international standards.

Maktel is a certified company from URS. All of our workers are aware and working according to the standards mentioned below:

- ISO 9001:2008
- ISO 14001:2004
- ISO TS 16949:2002
- BS OHSAS 18001:2007

Maktel is a confirmed supplier of many well known producers in white good sector, automotive sector and other sectors.

Maktel company is an expert in the manufacture of wide range of metal springs and spring related products.

- Expert design service
- Quality mass production
- Hand skills for low volume orders
- Competitive pricing
- Total compliance to international standards
- Outstanding customer service

We work from drawings, samples or design springs according to customer enquiries

Products such as,

- Compression springs
- Extension springs
- Torsion springs
- Valve & piston ring springs
- Wire & strip forms
- Hose clamps

Please see our products details at our website  
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## MATEŞ

Aircraft Refuelling Vehicles, Aircraft Ground Supply Equipment-  
Aircraft Fuelling Equipment



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**Mertcan Ateş** Ceo / General Manager

**Halil İbrahim Aytaş** Deputy General Manager

**Duygu Gerçek** Finance Manager

## Profile

MATEŞ manufactures Aircraft Refuelers for both civil and military purpose (tank capacities of 4.000 L to 80.000 L with flow rates up to 4.000 l/min) , Helicopter Refuelers, Mobile and Stationary Fueling Skids, ADR approved Tank Trucks, Hydrant Dispensers, Pit Cleaners, and other types of refuellers.

# ME-GE TEKNİK

Cable Wire Harness And Electrical Box& Panels Desinging And Manufacturing



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**Pınar Han Özyürek** Production Director  
**Serhat Akyıldız** Finance Manager  
**Sena Güngör** Quality Manager  
**Serkan Doğan** Project Manager  
**Mehmet Yılmaz Şen** Project Manager

## Profile

MEGE TEKNİK is a private company with an absolute dedication to Defense Aviation and Space Industry with its qualified engineers and technicians having long years of experience in this sector.

Our company offers cable harness and wire harness design, prototyping and manufacturing services. We produce and test all cable assemblies and wire harnesses according to military and aerospace specifications and special customer requirements.

A strong and effective Quality Assurance Program, that is fully compliant with AS EN 9100, ISO-9001 and associated military requirements, forms the cornerstone of our operation and is a major contributing factor to our continuing controlled growth and success.

MEGE is Airbus approved supplier since 2011.

Main Projects :

- AIRBUS: A400M military cargo aircraft fuselage harness production (from 2007-still)
- SIKORSKY: Production of harnesses for MH-60M, UH-60M and S-70i helicopters (from 2008-still)
- ATAK Helicopter: Harness manufacturing (2015-still)
- Upgrade program of C130 aircrafts : harness production (2011-still)
- BOEING: NATO AWACS Program harness manufacturing
- ASELSAN: Manufacturing and design of many kind of wire harness and electronic boxes for different projects and platforms (avionics, electro-optics, communication, radar systems etc.) . (from 2002- still)
- ROKETSAN: Manufacturing and design of many kind of wire

harness and electronic boxes for different projects and platforms. (from 2002- still)

- FNSS: Manufacturing and design of many kind of wire harness and electronic boxes for different projects and platforms. (from 2005 - still)
- BAYKAR: hanress manufacturing (from 2018 - still)

We comply with the customer specifications and following workmanship and standards in our process.

- IPC/EIA J-STD-001C, Requirements for Soldered Electrical and Electronic Assemblies
- IPC-A-610C, Acceptability of Electronic Assemblies
- ANSI/ESD S20.20-1999, ESD Program for Protection of Electronic Parts, Assemblies and Equipment
- IPC/WHMA-A-620, Requirements and Acceptance for Cable

# MENSAN

Defence Aerospace Technology Construction Industry And Trade Company

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**A. Gökhan Aydın** Deputy Chairman, Board Of Directors  
**Mustafa Akbaba** Deputy Chairman, Board Of Directors  
**Ş. Serhat Kantik** Coordinator

## Profile

Defence Industry: Foreign Trade, Project Management and Project Consulting, Representation, Co-Production, Wind Tunnel, Air Traffic Control Console, Command Control Systems, Operator Console, Military Grade Cabinets, Intelligent Power Distribution Unit, Electronic Control Systems, Embedded Software, Target Systems, Military Tactical Clothings, Ballistic Vest.

Construction Sector: Project management and project consulting, superstructure, infrastructure, alteration, strengthen building, decoration and restoration, military building construction.

## MES Makina Elektrik Kimya

Aluminium Alloy Rocket Bodies, Rifles And Shotguns, Missile And Ammunition Components For Defence Industry



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**Birol Yılmaz** Finance&Administrative Coordinator

**Ahmet Şengün** Sales Manager

## Profile

MES Makina Elektrik Kimya San.A.S. has been established in 1965 in Istanbul as a family owned company. Soon became the experts in hot and cold forming of aluminium alloys, MES is a unique company today who can combine and practice the technologies of hot and cold forging, deep drawing, impact extrusion, machining and surface treatment.

Having been the first private company in Turkey to receive the production license for defence industry, MES has been serving the defence industry since 1974 with precise high quality aluminium alloy parts in 2XXX, 5XXX, 6XXX and 7XXX series, along with the automotive industry, energy industry and various markets. Main products are automotive rod and suspension arms, high pressure aluminium alloy gas cylinders, filter bodies, sports shutguns and rifles, pistons and missile parts, ammunition parts, transformer bodies, automotive break cylinders, etc.

Running production with in its fully integrated facility built on 16.000 m2 located in Gebze/Kocaeli, MES is the supplier to all leading companies in their markets worldwide and proud to offer not only the highest quality aluminium alloy parts, but also the best after sales service and fast response to meet customer needs.

## MESAN Inc.

Mine, Ied, Uxo Detectors, Detector Training Systems, Personal Protective Equipment



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**Atila B. Erol** Vice Chairman Of The Board

**Tugrul Kaleli** Board Member

**Mustafa Unlu** General Manager

## Profile

Mesan is an engineering, R&D, integrator and manufacturing company, established in 1991. Mesan is active in two fields of homeland safety; field security and traffic safety. Since its establishment, Mesan is providing mission-critical devices and systems to the governmental agencies and armed forces.

Mesan is manufacturer of MEMED series Metal Mine Detectors, IED detectors, and MERGEN series detector training systems. Mesan is the only private company who manufacturer metal mine detectors in Turkey which fulfills IMAS (International Mine Action Standards) and MAFAM (Turkish Mine Action Center) standards.

Mesan's detector range under the field security:

- \* MEMED-MMD1 Metal Mine Detector
- \* MEMED-MEPAK Compact Metal Mine Detector
- \* MEMED-MEMAR Long Operation Metal Mine Detector for humanitarian mine clearance
- \* MEMED-MEKA Cable and IED Detector

Mesan's detector training range under the field security:

- MERGEN-Solo Individual Detector Training System
- MERGEN-TIM Collective Detector Training System
- MERGEN-PARKUR Virtual Reality based Detector Training System

Mesan's mine/blast protective range under the field security:

- MKT-ST Mine Protective Suit
- MKT-Visor Mine Protective Visor
- MKT-EK1 Hand Protector

MKT-S1 Prodding Needle

MKT-BCB2 Mine Protective Boot

Mesan also designs and manufactures MEDAR series new generation Speed Enforcement systems and traffic statistics systems for government agencies including Nation Police, Highway Authorities and Municipalities.

Mesan's traffic safety products under traffic safety:

- MEDAR-MTS MultiObject Tracking Speed Enforcement System
- MEDAR-TD Traffic Statistical System

Mesan has been Nato and National level clearance which's certified by Turkish Ministry of National Defense fo design, R&D and manufacturer. Mesan keeps the quality and customer satisfaction at highest priority since its establishment, and MESAN's different quality standards such as ISO 9001: 2015, ISO 14001: 2015, ISO 10002: 2018, ISO IEC 27001: 2013, ISO 45001: 2018 quality certificates.



# METEKSAN DEFENCE

Radar Systems, Perimeter Surveillance Systems, Laser And Electro-Optic Systems, Communication Systems, Underwater Acoustic Systems And Platform Simulators

**METEKSAN**  
SAVUNMA

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**Özgür Cankara** Vice President

**Erdal Torun** Vice President

**İzzet Adil Bakır** Vice President

**Burak Akbaş** International Sales, Marketing and Corporate Reputation Director

## Profile

Meteksan Defence Industries Inc. is among the most reputable and well-respected companies in Turkish Defense Industry, established in 2006 to develop and produce high technology products and subsystems for Armed Forces. The systems and subsystems Meteksan Defence produce are used for command and control, communications, reconnaissance, surveillance and intelligence purposes, and they apply to several different platforms, especially for surface and underwater platforms, helicopters, unmanned aerial vehicles (UAV) and missile systems.

The company operates in six fields; radar systems, perimeter surveillance systems, laser and electro-optic systems, communication systems, underwater acoustic systems and platform simulators. Within these areas, Meteksan Defence has completed various projects both in Turkey and international market, such as ground surveillance radars, helicopter and UAV radars, data links, altimeters, counter drone systems, Anti-Jamming GNSS, hull-mounted sonars, submarine sonars, naval training simulators.

Products of the Company

- MILDAR Fire Control Radar for Helicopters
- MILSAR UAV SAR/MTI Radar
- Automated Take-off and Landing System for UAV's
- Retinal Perimeter Surveillance Radars
- Anti-Drone Systems
- Radar Altimeters
- Data Links for Missiles

- C-Band UAV Data Link
- PELİKAN RF Missile Seeker Simulator
- ALACA Ka Band RCS Measurement System
- UAV Flight Control Computer
- GNSS Antenna & Receivers
- Anti-Jamming & Anti-Spoofing GNSS
- Telemetry Transmitter (TMV)
- Helicopter Obstacle Avoidance System
- Laser Electronic Attack System (LEAS)
- Hull Mounted Sonar Systems
- Submarine Intercept Passive Sonar (IPS)
- Flank Array Sonar Sensor
- Transducers and Hydrophones
- Underwater Early Warning Sensors
- Damage Control Simulator
- Fire Training Simulator
- Helicopter Fire Fighting Training Simulator
- Helicopter Underwater Egress Training Simulator
- ULAQ Armed Unmanned Surface Vehicle (AUSV)

# MILSOFT

System Integration & Software Development



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**Göz Başyığıt Baklan** Vice President, Corporate and Financial Management

## Profile

MILSOFT Software Technologies is a 50% private, 50% SSTEK Inc. (%100 subsidiary of Presidency of Turkey Presidency of Defence Industries SSB) owned company, which was established in 1998, specialized in System Integration and Software Development. MILSOFT has business presence and interest in public & defense industry and public sector.

MILSOFT has more than 200 employees and it conducts operations in its own R&D center at METU Technopolis / Ankara, Teknoparkİstanbul / İstanbul. MILSOFT develops the products with its system and software engineering infrastructure to meet the customer satisfaction in a cost/schedule effective method.

MILSOFT is the first company in Europe to achieve CMMI Level 5, which is the highest level a company can achieve according to the CMMI methodology, accepted all around the world to evaluate the software companies. After the last assessment, completed on December 6th, 2019; MILSOFT was certified as CMMI-5 sixth time. In addition to CMMI Level 5, MILSOFT has NATO AQAP-2110, NATO AQAP-2210, TS-EN-ISO 27001:2017 and TS-EN-ISO 9001:2015 certificates. MILSOFT obtains Facility Security Clearances for "NATO Secret" and "National Secret" levels.

MILSOFT has provided critical software solutions to France, Germany, Italy, UK, USA and Pakistan in addition to the Turkish Armed Forces.

MILSOFT's expertise areas are;  
C4I

Data Links and Messaging  
Image Exploitation Systems  
Electronic Warfare (EW)  
Training and Simulation  
Embedded Systems  
ICT Solutions  
Cyber Security

# MKEK

Mechanical And Chemical Industries Corporation



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Department

**Gökhan Tunçel** Head of Procurement  
Department

**Kemal Topalömer** Head of Quality and Strategy  
Management Department

**Ziya Yıldırım** Head of Administrative Services  
Department

## Profile

MKE, with roots trailing back to the 15th century, is the leading organisation of the Turkish Defence Industry.

It prioritizes high technology and derives its power from customer satisfaction and production performance at its modern facilities.

Retaining a strategic position in the Global Market, MKE has been the main supplier of the Turkish Armed Forces under various names since its establishment and reached its current legal status as a state organization in 1950.

With a tremendous array of products, it exports to more than 50 countries.

MKE has 11 modern factories and a skilled staff of 5.570, offering its products under 4 main categories:

Ammunition, Weapons, Rockets and Explosives&Pyrotechnics.

MKE is proud to get awarded the latest AQAP and ISO certificates for its head office and factories.

# MTU

Diesel Engines, Gas Engines; Generators, Ship Propulsion And Controls, Vehicle Engines



Power. Passion. Partnership.

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**Ali Güzel** Ceo / General Manager  
**Yücel Hanoğlu** Deputy General Manager  
**N. Tuba Durmaz** Cfo  
**Onur Tüter** Technical Director

## Profile

MTU is a well-known company that has more than a hundred years history and its headquarter is at Friedrichshafen-Germany. MTU Motor Türbin San. ve Tic. A.Ş. - MTU Turkey started activities in Turkey with just 8 employees in 1990 and now it has a wide operation range with a workforce of more than 150 people.

MTU Turkey is managing sales, service, spare parts and logistic support activities for all MTU products in Defence, Marine, Industrial and Onsite Energy segments.

MTU Turkey also started the production of 595 Series engines, that are also used at Milgem Project. Company have two engine test centers and is the training center not only for its own staff or territory, but also for MTU distributors from other countries.

Besides these activities, MTU Turkey has the proud of having the first facility that is manufacturing engine parts outside Germany with its 4000 series cylinder liner production at its Hadımköy Factory. The quality standards of these operations are outstanding and over the expectations.

MTU Turkey has Management, Production and Service Facility at Hadımköy-Istanbul; Sales Marketing and Service Center at Kartal Istanbul, Regional Offices at Ankara, Izmir, Adana, Antalya and authorized service dealers among Turkey.

MTU products have a wide range and are the world market leader in most of their segments. MTU Turkey offers different solutions to its customers together with continuous after sales service in the

areas of: Commercial and Military Marine Applications; Engine and Transmission Systems for a variety of Armored Personnel Carriers and Tanks in the Defense Sector; Co-Generation Systems which meets continuous electric and heating/cooling demands; Diesel Engines and Gas Generator Systems for continuous and back-up energy needs.

Lastly, MTU has the proud of being in the important National Projects; Milgem – National Ship at Naval and Altay – National Main Battle Tank at Defence segment.

# NANOBIZ

Cbrn Technologies, Biological & Chemical Detection, Identification, Decontamination, Explosives Detection Technologies



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**Zeynep Öktem** Ceo  
**Berrak Özcan** Senior Operations Officer  
**Yiğit Aksoy** Senior Lab Officer  
**Evren Akar** Ux Director

## Profile

NANOBIZ Technology Inc. has been established in Middle East Technology Science Park in 2006. Company is focused on CBRNe concept, mainly on detection & identification of biological & chemical warfare agents. NANOBIZ develops detection kits as well as portable - field usable & user friendly analysing devices for detection& identification. Company has also ongoing projects on detection of explosives.

Both ISO 9001:2015 and ISO 17025 Quality Assurance Systems are used in NANOBIZ. In addition to that company has NATO and NATIONAL Level Facility Security Certificates.

NANOBIZ has BSL-II Level wet Lab and infrastructure. Company also offers accredited Fungus Test Service to companies according to MIL-STD 810 / DO-160 / ASTM G21-15 standarts.

## NERO INDUSTRIES

Fire Suppression System, Generator And Auxillary Power Unit, Cbrn Filtration System



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**Gülnur İnan** Financial Manager  
**Armağan Sayaç** Electric And Electronic Systems Manager  
**Aykan Demirbilek** Planning Manager  
**Fuat Erdemir** Mechanical Systems Manager  
**Hidayet Aksu** Project Manager

## Profile

Nero Industry A.Ş. established that to this day with local design and solutions, Turkish Private Industry and Private Sector has presented many projects and system solutions. Today in need of Private Industry local system builder knowing his mission mission, with teams of experts and capacity fully or partially able to produce the original system and application solutions.

Since Nero Industry 2008 for vehicle and commercial sectors in working with project-based and mass production method 100% of the domestic SME companies.

With the rapid procurement and prototype production through domestic production facilities tool the aerial application offers complete system solutions.

With producers and coordinated system design according to the need manufacturer that needs technical support and provide support documentation.

With technical staff and experienced engineers CAD solution aims excellent results with the quick responses.

Nero Industry instead of direct imports for the Turkish Private Industry, Overseas, taking the know-how support from the company, systems are localization. Therefore, our country is to provide this technology. Through closely consulting with our customers about every aspect of their product needs, we keep them informed — from the design, research and development stages right through to manufacturing the desired product. Our customers can rest assured that our professional team consists of qualified and skilled designers, engineers, scientists, draftsmen and R & D specialists that can execute any project with precision and expertise.

# NETA ELEKTRONİK

Rf Products With A Broad Range Of Applications Of Telemetry, Gns, Fts, Airborne And Ground Los Data Link And Satellite Communication.

# NETA

TECHNOLOGIES

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**Derviş Gedikoglu** Sales Manager

## Profile

NETA has a 3500 m<sup>2</sup> closed area of design center and production facility located in İstanbul. Since the establishment in 1987 NETA developed all products by its own R&D. With more than 200 employees NETA maintains its industry leading position in its field in Turkey.

Within the R&D; there are antenna and RF, electronics, software and mechatronics design teams. The main products are the antennas developed in conformal, wrap around and blade types with omni or directional characteristics. There are also parabolic, cassegrain, slotted waveguide structures at frequencies ranging from UHF, L-band, S-band, C-band, Ku-band up to Ka-band.

Together with commercial off the shelf products, NETA does custom designs where platform and application specific conditions are important. Conformal antennas are such applications where the characteristics are designed and optimized for a specific platform such as fuselage of an airplane.

Beside the antenna products NETA also develops antenna systems where the signal search and track are also performed especially for LOS and satellite applications. Data Link system is an end to end solution for UAV's. The Ground Data Terminal and Air Data Terminal are both ends of the system where antenna, RF and modem components are supplied.

NETA has also an in-house test center ensuring products meet certain requirements for environmental conditions for MIL-STD and commercial standards.

Main Products;

1. Active L1/L2 GPS Antenna
2. Passive L1/L2 GPS Antenna
3. UHF Flight Termination Antenna
4. UHF Omni Blade Antenna
5. S-band Omni Blade Antenna
6. S-band Low Profile Patch Antenna
7. LTE Low Profile Patch Antenna
8. C-band Omni Antenna
9. Ku-band Omni Antenna
10. 2-18 GHz Spiral Antenna
11. 6-18 GHz Spiral Antenna
12. Conformal GNSS Antenna
13. Conformal S-band Telemetry Antenna
14. Conformal Flight Termination Antenna
15. L1 Combiner and LNA
16. Ka Band Transmit Reject Filter
17. Ku/Ka Band Orthomode Transducer
18. Airborne Data Link Antenna System
19. Ground Data Link Antenna System

# NORM TECHNOLOGIES

Cbrn Protection Suit Systems And Ballistic Protection Systems



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**Celal Ögütoğulları** Chairman & Ceo & General Manager

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**Candan Eroglu Kırdemir** Project Director

**Hüseyin Sener** R&D Manager

## Profile

Norm Group was established in 1988 and has been focused on bespoke projects and consist of various companies including defence industry. It has been producing CBRN suit systems till 2012.

Norm produces CBRN protective suits, CBRN Overboot, CBRN Glove at highest protective level of NATO Standards AEP38. It is able to produce activated carbon, spherical activated carbon, paraaramid fiber, ballistic fiber and ballistic fabric, ballistic protective vest, fireproof fiber and fire fighting cloth, carbon fiber and activated carbon fiber, carbon felt and activated carbon felt, body armours, sleeping bags, wind energy, energy storage technology, super capasitor.



## NUROL BAE SYSTEMS AIR SYSTEMS INC.

Turkish Aerospace And Defence Company



NUROL BAE SYSTEMS HAVA SISTEMLERİ A.Ş.

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## Profile

BNA, operating in the fields of Integrated Flight / Vehicle Systems (Flight Control, Engine Control, Fuel, Environmental Control Systems), Integrated Mission Systems, Safety Critical Software Hardware Development, Electronic Systems and Simulation-based Engineering Systems, was established in November 2015 and It has set out the vision to be a Primary Level Local Critical Systems Provider in Turkish Defence Industry Sector Activities.

# NUROL MAKİNA

Wheeled Armored Vehicles, Shelter Systems, Special Purpose Platforms, Cbrn System Solutions, Land Platforms



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**Anıl Karel** Deputy General Manager (Business Development)

**Melih Şahin** Deputy General Manager (Operations)

**Kemal Uyar** Deputy General Manager (Programs and Corporate Operations)

## Profile

Nurool Makina ve Sanayi A.Ş. (NMS) is one of many companies operation under Nurool Holding A.Ş. which has completed and still resuming to develop several remarkable projects all around the world. NMS continues her activities in an area of: 65.000 m2 open and 25.000 m2 indoor area located in Ankara/Sincan, Turkey. Being one of the main contractor of SSM (Turkish Ministry of Defense Undersecretariat of Defense Industry) and with over 30 years of experience, NMS is a strong solution partner and a reliable supplier of homeland security and defense systems.

With her powerful background in R&D, production, logistic support and with high technology infrastructure it owns, NMS ensures superior quality services to security forces and armies, both in Turkey and around the world, and will continue to assume its role in preservation of security and peace.

NMS designs and manufactures indigenous vehicles such as; EJDİR YALÇIN 4x4 (Tactical Wheeled Armored Vehicle) provides the highest ballistic and mine/IED protection in its class. More than 250 vehicles are in service at the meantime

ILGAZ 4x4 II (Internal Security Vehicle) is a Light Armored Vehicle (LAV) designed on a commercial chassis. Different types of weapon stations can be integrated to various mission types. The same type of vehicle can also be designed as military chassis.

EJDİR TOMA 4x4 (Riot Control Vehicle) which has ballistic and IED protection is an indigenous design of NMS. At present it has been delivered to 200+ international users

EJDİR KUNTER 4x4 ARMOURD TRUCK which is designed by NMS engineers, can be adopted to various missions such as Armored Personnel Carrier, Armored Detainee/Prisoner Transport Vehicle, Armored Valuables Transport Vehicle, Armored Recovery Vehicle, Armored Tanker, Command & Control Vehicle and TOMA

Riot Control Vehicle.

Special Purpose Platforms and shelter systems (According to NATO, ACE Standards) can be designed and manufactured by NMS.

# NUROL TEKNOLOJİ

Advanced Ballistic Armor Solutions



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**Mustafa Taş** Quality and Investments Director  
**Halim Meço** R&D Center Director  
**Aynur Yatkin** Supply Chain Director  
**Gürbüz Aydın** Finance Director  
**Erhan Bilgin** Corporate Communications  
Manager  
**Dilem Koçak** Sales and Marketing Manager

**Burak Mert** Personal Armor Solutions R&D  
Manager  
**Murat Algün** Ceramic Production Manager  
**Sekan Tugar** Planning & Logistic Manager

## Profile

Nuroloj Teknoloji, is a defense industry company affiliated to Nuroloj Holding Group of Companies, which was established in 2008 to produce advanced technique ballistic ceramics. Since the day it was established, it has attached great importance to research and development and has made significant progress in product development studies even by developing and producing the sinter furnaces required for production infrastructure. In the past years, it has continued the journey it started with advanced technique ceramics, together with ballistic solutions.

In addition to Alumina, Silicon Carbide and Boron Carbide Ceramic production, Tungsten Carbide ceramics, which are used in the civilian area, take their place among the Nuroloj Teknoloji ceramic product range. Nuroloj Teknoloji, which manufactures from raw material to final product under one roof in its journey to ballistic solutions with Silicon Carbide and Boron Carbide powders it produces, has the honor of being the only company in the world with this feature.

As the only advanced technique ceramic producer of Turkey, Nuroloj Teknoloji has made its name among the few companies in the world that can produce Boron Carbide ceramics thanks to the Boron Carbide ceramics that it produces with the processes it has developed.

With our machine park, qualified human resources, quality infrastructure, accredited ballistic laboratories and Research & Development vision; the customer specific ballistic solutions that we have created in the fields of personnel protection, vehicle protection, and structural protection are used with full confidence by security forces all over the world.

With the heavy responsibility of protecting people, we continue our way to do better every day with the profound awareness of quality,

and to protect the security forces by offering the most innovative, most effective, lightest and most reliable solutions against the evolving and increasing threats in our world every day.

# ONUR Mühendislik A.Ş.

Voice Communication Management And Recording Solutions,  
Network Enabled Communication Systems / Ip Mesh Solutions,  
Cyber Security Solutions



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**Cengiz Dede** Chairman of The Board

**Noyan Dede** General Manager

**Başak Doyum** Vice President

## Profile

Founded in 1980, ONUR provides mission-critical systems and solutions for defence and civilian sector, with the vision of "having unique and advanced technology, to be a regional leader with professional engineering in Network-Enabled Capability, Voice Communication, and Cyber Security Solutions."

### PRODUCTS:

#### VOICE COMMUNICATION SYSTEM (OCS-NG4000)

OCS-NG4000 Voice Communication System (VCS) is a flexible, reliable, and effective solution for voice communication requirements. It is state-of-the-art technology with proven components and highly intuitive user interfaces. It meets both military and civil Air Traffic Management (ATM) requirements. The system serves under an end-to-end IP-based configuration and its architecture complies fully with ED 137 standards.

#### VOICE/DATA RECORDING AND REPLAY SYSTEM (ORS-IP2000)

ORS-IP2000 is a reliable, effective, fully redundant, highly available, and easily adaptable solution for all legal recording needs. The system has been designed with an "open architecture" approach with modular hardware and software components. It is able to interface with 3rd party systems to record and replay industry-standard VGA/DVI/HDMI screen captures.

#### VOICE COMMUNICATION & RECORDING SYSTEM FOR UAS APPLICATIONS (OCS-NG4000-RPS)

The OCS-NG4000 system differs from other classic TDM based VCS products by being a full "end-to-end" IP solution. Being based on open standard Voice Over IP technologies, it allows effective

integration of multiple communication assets including HF/VHF/UHF radios (digital/analog), all types of telephone interfaces, SATCOM, GSM intercom systems, and legacy audio distribution systems.

#### INTEGRATED COMMUNICATION SYSTEM FOR NAVAL PLATFORMS (OIC-MP2000)

ONUR OIC-MP2000 solution enables users to maintain existing communication infrastructure while offering a smooth transition environment into network-centric operations. The system combines all communication nets running on different protocols both on an internal and external domain. It bridges the gap between legacy communication devices and new generation network-centric operation requirements. OIC-MP2000 interconnects a broad variety of available communication channels onboard naval platforms, consisting of different architecture and communication technologies.

#### TACTICAL MESH NETWORKING SYSTEM (OSR-IP1000)

The OSR-IP1000 Tactical Mesh Networking System offers an efficient network infrastructure for strategic, operational, and tactical level voice, data, and video exchange. The OSR-IP1000 facilitates an intelligent routing mechanism in order to combine and manage Ad-Hoc mobile hybrid networks, running on different wireless protocols. OSR-IP1000 is comprised of various components such as intelligent hybrid network routers, software-based modems, and wireless communication modules, which may be bound with other standard IP-based communication channels.

# OSSA

Ossa Defense & Aviation Cluster



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**Ahmet Mithat Ertuğ** Chairman of the Board  
**Uğur Aydın** Coordinator / Project Manager  
**Jose Bru** Business Development Representative

## Profile

OSSA was established on July 1, 2007 under the leadership of OSTİM. OSSA has more than 270 member companies from many different cities of Turkey, and nearly 10000 employees and over 50 areas of activity. For land, air and naval platforms; R&D / design, software, composite manufacturing, electronics, electromechanics, harness, machining, sheet metal forming, surface development, test / calibration, coating / painting, optical systems, hydraulic systems, machinery / equipment manufacturing, unmanned systems and many final products and the production of subsystems are among the capabilities and competencies of our members.

OSSA, within the framework of cooperation, collaboration, and competition to increase the competitive level of member companies, creates a significant synergies for encouraging in the fields of R&D, innovation, finding new markets, encouraging for international cooperation, providing competitive advantage, adapting to developing technology (digitalization), creating value, improving of corporateness and quality systems, specialization, creating a roadmap and domestic and national production. OSSA continues its activities such as creating strategies specific to SMEs, organizing events to gain competitive advantages in Turkey and abroad, organizing delegation visits, domestic and international promotion, representation and marketing activities, press and public relations, technology transfer and joint projects within the scope of university-industry cooperation.

To increases cooperation and communication, OSSA brings SMEs within the scope of sharing information about their capabilities with many governmental institutions, contractor companies, universities and technoparks.

Bronze Label certificate, recognized by the European Commission as the registration of cluster management excellence, and our cooperation protocols with sectoral clusters and institutions from abroad and within the scope of our memberships to European Aviation Cluster Partnership (EACP), European Clusters Cooperation Platform (ECCP) and collaboration with Enterprise Europe Network (EEN), OSSA shares information with its members about various projects and demands abroad.

With the support of Presidency of the Republic of Turkey Presidency of Defese Industries OSSA organize Industrial Cooperation Days in Defese & Aerospace (ICDDA) and bring SMEs together with contractor companies and institutions from nearly 60 countries such as AIRBUS, MINISTRY OF DEFENCE OF AZERBAIJAN, BAE SYSTEMS, UNITED ARAB EMIRATES ARMED FORCES, BOEING, BRAZILIAN AIR FORCES, CERN, DASSAULT SYSTEMES, IGSS KUWAIT, KAI, LEONARDO GROUP, QATAR ARMED FORCES, LOCKHEED MARTIN, MBDA, MEXICO FEMIA, NATO/NSPA, NAVANTIA, PAKISTAN AIR FORCE, PTC, ROLLS ROYCE, SIKORSKY, STELJA, UKROBORONPROM, THALES, THYSSENKRUPP to organize about 6000 B2B registered meetings in every 2 years.

WE ARE STRONGER TOGETHER...

# OTOKAR

Land Defence Systems

# Otokar

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## Profile

Established in 1963, Otokar is a company having over 30 years' experience in defence industry. Operating with more than 2000 employees, Otokar stands apart with its expertise in the design, development and system integration of all kinds of vehicles and platforms in the field of land vehicles for the defence industry.

The company is a member of Turkey's largest business conglomerate, Koç Group, which generates 7% of GDP and 11% of total exports of Turkey, which is the only Turkish company to be listed in the Fortune Global 500 list.

Otokar manufactures tactical wheeled and tracked armoured vehicles and turret systems with owned intellectual property rights. Otokar, apart from being the main supplier of the Turkish Military and Security Forces for wheeled tactical vehicles, serves almost 55 different end users in over 35 countries. Today over 32,000 Otokar military vehicles are in service around the world with an outstanding performance. Otokar military vehicles are globally deployed in various operations under UN and NATO flags.

Today Otokar has also started to stand out in global scale not just for its products with fully-owned intellectual property rights, but also with its know-how, engineering, R&D, and technology transfer capabilities.

Otokar has been providing solutions special to the needs of the customers with its own technology, design and applications. Otokar designs and manufactures a wide range of defence industry products including 4x4, 6x6, 8x8 tactical wheeled armoured vehicles and tracked armoured vehicles as well as turret systems. Capability of the design, testing, development and production under one single umbrella greatly differentiates Otokar among its rivals. Otokar is recognised with a wide range of Armoured Personnel Carriers, Mine Resistant Troop Carriers,

Command & Control Vehicles, Reconnaissance & Surveillance Vehicles, CBRN Reconnaissance Vehicles, Border Security Vehicles, Weapon Platforms, Internal Security Vehicles, Recovery Vehicles, Medical Evacuation Vehicles and Ambulances. The vehicles are operating under many different climate and terrain conditions and their combat capabilities are proven as they are widely used in the high risk areas.

Otokar has also outstanding R&D capabilities. In the last decade, Otokar has invested about 8% of its total turnover in R&D. The Otokar R&D Centre features simulators and testing equipment to test the products more rapidly with state-of-the-art technologies, and computer systems to create and utilize information.

Otokar armoured product range includes Akrep II 4x4, Cobra 4x4, Cobra II 4x4, Arma 6x6, Arma 8x8, Ural 4x4, Kaya II 4x4, Otokar Armoured Internal Security Vehicle 4x4, Tulpar Tracked Armoured Vehicle and Tulpar S Tracked Armoured Personnel Carrier.

The Company has also been developing weapon and turret systems since 1989 and has a wide range of turret systems from 7.62 mm to 30 mm.

# OTONOM TEKNOLOJİ

Defense And Aviation



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**Yeşim Bakan** Administrative Affairs & Purchasing Manager

**Seda Atagören** Quality Manager

**Mert Aktuğ** Finance Manager

**Burak Aktaş** Business Development & Contracts Specialist

## Profile

Otonom Teknoloji Robotics Electronics & Software Ltd is an engineering and technology company providing innovative unmanned and autonomous system solutions. Founded in 2012 and ISO9001-certified, our headquarters and production facilities are located in Ankara, Turkey.

We provide solutions for intelligence-surveillance-reconnaissance (ISR), border security, critical facility security, communications, search-and-rescue, environment protection, traffic control missions, agriculture and many more. Our systems are currently deployed in the defence, aviation and agriculture industries, and are now starting to find new uses in other commercial and industrial applications in this regard.

We design, develop and manufacture cost-effective, compact and rapidly deployable unmanned aerial platforms, including lighter-than-air tethered aerostats (DORUK and DOLUNAY product families) and electric-powered tethered drones (TETRON® product family). Our products are designed to provide prolonged operational duration capabilities combined with improved reliability.

Our products, of which we own 100% original design, are all ITAR-free. We tailor the product design to respond to many operators' needs. Payloads, differing from cameras (EO/IR/multispectral), to base stations, radars, acoustic sensors, and communication relays, let the users monitor large areas as opposed to much limited ground line-of-sight. Products are redesigned according to different weighted payloads and desired operation altitude. Likewise, service procurement of aerostat and/or drone platforms for short periods is also available.

# ÖZTEK TEXTILE

Military Textile And Ballistic Systems



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**Ahmet Şevki Öztek** Chairman  
**Mustafa Emir Öztek** Ceo & General Manager  
**Yaşar Demirbek** Deputy General Manager

## Profile

Öztek Textile is one of the leading textile manufacturers in Turkey concentrating in Defence Industry with our brand "Spectra" which is specialized on technical textile fabrics, military and law enforcement uniforms, Ballistic products as Ballistic, Bullet Proof Jackets and Camouflage Nets.

Öztek Textile was established in 1995 and is presently processing 5.000.000 meters /month in weaving, knitting, dying, printing, finishing, coating and laminating of textiles in its own facilities that are spread on 170.000 m<sup>2</sup> of land. The year of 2001 marked the important decision of Öztek Inc. to launch a full R&D and production program in the area of "Technical Textiles" with the mission of producing textiles for the protection and well-being of civil and military end-users worldwide. In addition; Öztek invested its own Ballistic Laboratory facilities and making it own product testing.

Öztek Textile Military Textile Systems are:

Ballistic Armour Systems: Ballistic Fabrics, Ballistic Protective Vest, Ballistic vest Fabric and Ballistic Plate.

Signature Management Systems:

Multispectral Camouflage Nets: Visual, Night Vision (NIR), Thermal (TIR) and Radar (up to 100 GHz) protection by 2D Multispectral Camouflage Nets (MSCN)

Future Soldier(FS 2014) Suit: Protection form Visual, Night Vision (NIR), Thermal (TIR) detection systems and water proof, wind proof and highly breathable Future Soldier Suit fabrics.

Ghillie Suit: Night Vision (NIR), Thermal (TIR) detection protection, waterproof, flame retardant, anti mosquito sniper suits

EMI Shielding Fabrics: Blocking electromagnetic waves (especially for portable jammer users)

Protection Systems: CBRN Suits and Fabrics provides protection

from Chemical, Biological, Radioaktif and Nuclear threats.

Multilayer Systems: Extreme Cold Weather Fabrics, Suits , Coats, Pancho / RainCoats. Between -40 C- +50 C windproof, water proof and highly breathable multi-layer fabrics.

Reinforcement Systems:

Combat Uniforms and Fabrics: Night Vision, antibacterial, water repellent, sweat absorbent and high tear & tensile strength combat uniforms and fabrics.

Rucksack Systems-DSTR: Our modular and detachable systems provides unique and ergonomic solutions.

I would like to also share our introductory video our where you may find more details

<https://www.youtube.com/watch?v=ztVvEcNM86Q>



# ÖZTİRYAKİLER

Defense Industry Logistic Support Systems



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**Tahsin Öztiryaki** Deputy Chairman

**Sait Karabayır** Defense Projects Manager

## Profile

Ozti produces industrial kitchen items in more than 4500 varieties and military logistic support systems in 18 different types since 1958.

The company has proved itself in terms of technological and quality standards, successfully exporting mobile logistic support systems to 20 different countries around the world.

Our LOGISTIC SUPPORT SYSTEMS are designed for rapid deployment and they are mainly based on two different supports: trailers and containers. Also they are produced to be operated by electrically or diesel energy, depending on customer's requirements. Containerized type units are manufactured to be operated and deployed in the environmental temperature of -32C and +55C.

Turkey, USA, Russian Federation, Italy, UAE, Iraq, Kingdom of Saudi Arabia, Morocco, Azerbaijan, Malaysia, Georgia, Thailand, Turkmenistan, Panama, Mauritania, Zimbabwe, Qatar Armed Forces, Rwanda, have provided their standard or specially designed Mobile Field Units from the Ozti factories in Turkey.

Ozti LOGISTIC SUPPORT SYSTEMS:

Containerized Field Kitchen

Trailer Field Kitchen

Expandable Container Kitchen

Containerized Shower & WC

Containerized Bakery

Refrigerated Container

Mobile Laundry

Containerized Laundry

Mobile Water Purification System

Containerized Water Purification and Storage system

Laundries,

Dish Washing Systems

Command Post Containers

Dry Cargo Containers

With our highly developed organizational network and qualified personnel we completed all kind of preparations to provide best service of training and maintenance under any conditions in the world.

# PAGETEL

System Engineering, Military Mobile Shelter & Shelterization



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**Mehmet Uçkun** General Manager  
**Selim Bölgen** Vice Plant Manager  
**Enver Kahvecioğlu** Engineering Director  
**İsmail Kostak** Project Manager

## Profile

### COMPANY OVERVIEW

PAGETEL Headquarters and factory are located in Sarnıç, a village near Izmir (Turkey).

Pagetel has successfully completed/manufacturing shelters (NATO I, NATO III, NATO-III extended, ACE-I, ACE-II, ACE-III and Expandable), completely equipped, for the different Project of Turkish MOD and Turkish defence companies. Additionally, Pagetel delivered equipped shelters to the other country MOD and defence companies.

All these shelters have RF/EMI protection feature and have been produced and shelterized by Pagetel at the factory located in Izmir.

### PRODUCTION CAPABILITIES

Manufacturing activities performed directly by PAGETEL consist in assembling and welding/riveting raw material, special components and accessories purchased from outside sources. After the shelter cabin is completely assembled and painted, the internal installations, cable entries, internal cabling and equipment installations are done, customized in accordance with Customers specific requirements.

Following is the summary of the main manufacturing activities involved in the production of the equipped shelters for the all project:

Metal sheet cutting, Preparation of panels structures, Assembly of panel sandwiches and pressing, Shelter assembly/welding, Painting, Cable entries and internal cabling, Equipment installation, Accessories installation, Final testing.

### PLANT UTILITIES

The following plant utilities are available for the shelter production: Power System (Approx. 800KW) and electrical distribution,

Compressed air system, Transport and lifting systems, Warehouse facility, 35 KVA Generator

### WORK AREAS

The following main working areas are available at factory for the manufacturing process:

Structures cutting, Structures welding, Polyurethane & wood process, Panel assembling (preparation & assembly), Panel pressing, Shelter assembly, Surface preparation & painting (panel painting and shelter painting), Internal installations and cabling, Electrical workshop, Mechanical workshop, Inspection & testing.

In addition to the above production specific areas, the warehouse and shelter storage areas are available.

The current facility includes approximately 5,000 square meters of covered area, including 400 sq.m. area for offices and administration and 3,700 square meters of open area, and is considered adequate for the production of up to 200 shelters (bare shelters) per year.

### HUMAN RESOURCES

The human resources, which may change in working units on the basis of the work-load/contract, include:

Production manager, Engineering manager, Production supervisors (Panel preparation & assembly - Shelter assembly, Painting & finishing - Shelter Installation), Skilled workers (welders, mechanical installers, electrical technicians, painters), Unskilled low-level workers (including warehouse and plant maintenance), Quality manager, Quality Control supervisor, Warehouse & Traffic supervisor, Local Buyer, Administration and Bookkeeping.

# PAPILON

Finds Answer Who



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**Doğan Demir** Chairman  
**Oral Tugay Tuntaş** General Manager

## Profile

Papilon is an internationally structured Turkish company, which is one of the leading international companies in biometrics sector and one of the five 'manufacturers and system developers' in this field worldwide. We manufacture technologies to identify, detect and verify individuals by their biometrical characteristics and transforms these technologies to applications in defense and security fields. We have very strong Access Control Systems powered by multimodal biometric applications using different biometric data such as fingerprints, iris, footprints, face recognition etc. available for border controls, high security buildings, and for critical institutions such as Nuclear Power Plants. Papilon's Biometrical Integrated Automated Transition System (BEOGS) has created a new border security concept for the passport police at check points in Istanbul Atatürk Airport, as a very successful example of multimodal biometrics with e-gates.

Papilon has achieved and maintained the Turkish market leadership in the public security field for the past six years as we are the AFIS (Automated Palmprint and Fingerprint Identification System) provider of the Turkish National Police (Criminal), Turkish Gendarmerie (Criminal), Turkish Migration Authority, and Ministry of Justice Prisons for person identification and verification based on biometrics. Our products and systems have been purchased by governmental open tenders, the European Union and the United Nations, and we have commercial activities in over 25 countries from different continents. Our products complies with the quality standards of the ICAO and they are certified by the necessary authorities such as the FBI, NIST, CE, EMC, and TSE (Turkish Standardization Institution).

We are also specialized in large scale system integrations among

different institutions and in biometric data conversion from other systems.

Papilon is a member of the SASAD (Turkish Defense and Aerospace Manufacturer's Association) and also has R&D Center Status approved by the Turkish Ministry of Industry and Technology.

Basic Solutions of Papilon:

1. Forensic Investigation Solutions
  - a. Automated Palmprint and Fingerprint Identification System – APFIS/AFIS
  - b. Instant person verification terminals
  - c. Face recognition and identification systems
  - d. Evidence photography system
  - e. Automated Ballistic Identification System (ABIS) for Cartridge Cases and Bullets
2. Border Security Solutions
  - a. E-gates for border control named BEOGS™ (Biometrics Integrated Automatic Gate Systems) (Istanbul Atatürk Airport)
  - b. Biometrical work stations for fixed / mobile person identification and verification systems
  - c. Express biometrical search and identification system of the individuals (fake identity / fake documents)
3. Civil Solutions
  - a. Biometric access control systems
  - b. Integrated systems for electronic documents (Passports, ID Cards, Smart Cards, etc.)

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**Kutsal Anıl** General Manager  
**Piraye Ölçer** Assistant General Manager  
**Alper Şener** Assistant General Manager

## Profile

We are providing OEM and ODM products (card, product and system) to medium and large-scale local and foreign companies leaders of their sector and in need of electronic solutions; offering services for the redesign and pricing of the current products; adding value to all companies we are working with and playing an active role in rapid growth of the Turkish Economy. Pavotek is one of the few Turkish companies which focus on "Research-Development" concept in our country and the neighboring region striving to transit from industrial society to information society, which allocate nearly the whole amount of its annual income to the R&D and which work with practically all sectors.

Its own operating system as well as the library and the software units developed specifically by Pavotek, with its core competencies including "Embedded – Analogue – Communication – Control System design and Industrial – Mechanical Systems Design", makes sure that it is one step ahead when designing products in each new project.

Aware of the fact that technology closely affects the economy as well as social structure and prosperity level of the people Pavotek targets having a say in the "technological competition" and designs and produces technologies and products pioneering in the world.

To this end, Pavotek ensures that the understanding of high technology should be fully adopted in our country, offers innovative solutions and gains significant achievements with its vision of exporting these solutions.

# PEGASUS SAVUNMA

Defence & Aerospace



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**İsmail Turgut** Chairman

**Pınar Turgut** Deputy General Manager

**Ahmet Ceylan** Business Development Manager

**Seha Ballica** Contract Manager

## Profile

Pegasus Savunma San. ve Tic. A.Ş. is one of the leading part suppliers and service providers for the Defense and Aerospace Industries.

We specialize in procuring spare parts, system installation, system repair & overhaul and manufacturing for the Air Defense Systems, Aircraft Systems, Air Traffic Control Systems, Radar Systems and the Land Systems.

Pegasus Savunma is established in 2003 in Ankara, Turkey as LLC and as a small-business supply chain company. In the beginning our scope of business was to supply spare parts for the limited and certain platforms. Over the years growing rapidly Pegasus has enhanced its capabilities by establishing new manufacturing and repair facilities and has become a proven supplier in the Turkish Defense and Aerospace industries

Since its foundation Pegasus has accomplished many major procurement and repair projects by means of its well experienced team, many of them have over 25 years expertise in their professions.

We support the following systems;

Air Defense Systems: I-HAWK, 25mm/35mm, Oerlikon, 25mm Sea Zenith, Rapier, Stinger

Aircraft Systems : F-16, F-5, F-4, KT-1T, C-130, Hurkus, UH-60/S-70A, UH-1D, AB-204, AB-205

Air Traffic Control Systems : AN/MPN-14K RAPCON, AN/MPN-25, GCA-2000

Radar Systems: AN/TPQ-36, AN/MPQ-64, TRS 22XX, AN/FPS-117, COBRA Radar

Land Systems: Leopard 2A4, M60T, M60A3, M48A5, GIAT and DAF Turret Systems, Communication Systems.

Pegasus works side by side with the OEMs and has been establishing good partnerships with many major global defense and aerospace manufacturers to ensure the best possible solutions for its customers.

# PI MAKİNA

Construction Machines And Heavy Duty Machines Manufactures



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**Vural Erbilgin** Chairman of Board of Directors  
**Engin Gündoğdu** Vice Chairman of Board of Directors  
**Hacı Sarı** General Manager  
**Mustafa Kılıç** Marketing & Sales Director  
**Nur Birce Yılmaz** Business Development Leader

## Profile

Pi MAKİNA founded in 1974 as the manufacturing division of its constituent company ERG Construction Trade and Industry Co. Inc. Dedicated to manufacturing equipment that helps build the world's infrastructure. Our management policy is to use advanced technology with continuous improvement approach to ensure customer satisfaction through timely and high quality production.

Pi MAKİNA has been proudly and manufacturing a broad range of products and providing high quality services in construction machinery over 40 years. We have accomplished a remarkable achievement in offering better solutions for customers' business needs. In our 500.000 sqm manufacturing plant, located in Ankara, Pi MAKİNA employs around 1000 personnel. Our facility is a pioneer in the area by offering multiple, modern and innovative solutions under same roof. The prominent units are Project and R&D departments, CNC Machinery Center, Heat Treatment Center, Test Centers, Sand Blasting, Paint Drying Unit, Total Quality Control Unit. After sale service offers 7 days and 24 hours service and spare parts in Turkey as well as various countries around the World. Whenever you use Pi MAKİNA construction equipment, you get efficient, powerful and reliable machines that help you accomplish any task within budget and on time. From concrete plants to concrete pumps, tower cranes to crushing plants, backhoe loaders to excavators..

For past 6 years, Pi Makina joined in Defense Sector with its versatile capabilities. So far, Pi Makina served as Sub-Contractor particularly to ROKETSAN, FNSS & ASELSAN.

Pi Makina is an eager, flexible and talented company and ready for any challenging project with its full fledged infrastructure.

"Pi MAKİNA has the products that Works for you..."

# PROFEN

C4Isr (Command, Control, Communications, Computers, Intelligence, Surveillance And Reconnaissance)



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**Önder Havuzlu** Ceo

**Kamil Yüksel** General Manager

**Yusuf Orbay Soydan** Executive Board Member

**Defne Selin İldem** Marketing Manager

**David Kemmett** Business Development Manager

## Profile

Established in 2012, with our two office locations in İstanbul, Konya and Ankara, PROFEN Defence Technologies provides Intelligence, Surveillance, Reconnaissance (ISR) and tailor-made communication solutions to military and government organizations worldwide. As a solution partner with leading defence companies, PROFEN Defence Technologies installs, integrates and commissions strategic and tactical legal communication interception systems. In addition, it provides annual maintenance contracts for communication interception systems according to the needs of its customers. With its dedicated Program Management team and experienced engineers, PROFEN Defence Technologies provides services in theatres of operation and conflict areas worldwide.

For homeland security, PROFEN Defence Technologies provides flyaway and vehicle mounted satellite terminals and associated network services with the capability in satellite based Supervisory Control and Data Acquisition (SCADA) services for monitoring critical infrastructure, ship-borne and air-borne SOTM terminals, telemetry, tracing systems for radar and remote sensing satellite systems and RF surveillance systems.

In addition to defence projects, PROFEN Defence Technologies Ankara office acts as the government liaison office for all PROFEN Group companies with its strong connections at relevant government institutions. Having Facility Security Clearance, the Ankara office boasts full national and NATO secure premises with all its' staff holding personal security clearances. This allows PROFEN Defence Technologies to take part in National and NATO "SECRET" government, defence and security projects.

Solutions:

Full Turn-Key Monitoring System, Strategic & Tactical

Modular Electronic Warfare Systems

Cyber security

Border security

New Generation Digital Troposcatter System

RF Surveillance

Surveillance

LTE

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**Ahmet Vefik Otmar** General Manager

**Diner Yüksel** Factory Manager

**Kamile Yiđitalp** Quality Manager

**Yeşim Kaya** Production Manager

## Profile

Since 1976, Puntel has been providing products and services to automotive, white goods, electricity, electronics, defense industry, market equipments and other sectors.

Our main products and productions are form springs, torsion springs, tension springs, touch springs, compression springs, metal clips, 2D / 3D steel wires, formed transmission wires and copper wires.

In addition, low carbon wires are formed, assembled with electronic spot welding processes and assembly processes with spring, clips and other components in the direction of customer demands.

Our productions are made with materials and tools that meet international standards, and our processes are kept under control in accordance with quality standards.

Our company has ISO 9001-2008 quality certificate and provides products and services in ISO / TS 16949 quality standards. In line with the latest technological CNC machine and quality control equipments, it achieves 0 ppm target.

In order to meet our customers' demands, we regard our policy as to be in compliance with quality standards, flexible production, timely delivery, and best price performance at the top level.



## RAFF MILITARY TEXTILE

Military Equipment, Police Supplies And Clothing - Accessories For Soldiers, Police And Various Institutions



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**Eray Yükseloğlu** General Manager

## Profile

Founded about half a century ago, Raff Military Textile is specialized in the production and commercialization of Military Clothing and has become one of the leading producers in Military Textile sector in Turkey.

In recent years, it has begun proposing to its customers from the three continents the success achieved in the design and production of Military/Police uniforms, gears and equipments.

Regarding Military Clothing in the domestic market, it manufactures and delivers to state institutions, technical specialized uniforms for the need of private companies and promotion products for organisations.

It has realized exports of Military/Police uniforms, accessories and equipments to public and private institutions from all around the world, specially to African countries, Middle Eastern countries, Balkan countries, Turki Republics in middle Asia and many others.

Working with completely with the legal domestic legislation and offering our products and services according to customer needs and expectations, we thrive for a continuous improvement of our quality and management system.

With :

ISO 9001:2008 Quality Management System registered as Asker Malzemeleri Raff we qualified to receive

ISO 10002:2004 Client Satisfaction System Certificate.

Closely following the World Military Clothing market, our company is proud to produce and deliver as a "Solution partner" and not just a supplier the highest available product and service to its customers all around the world.

With a strong array of customers in Turkey and Foreign countries Raff Military Textile is one of the biggest manufacturing and

exporting companies in army uniforms and security clothing business. From fabric control to sewing, from sewing to packaging and every required process, Raff Military Textile which can offers all models of military, police uniforms and security clothing at the same quality and efficiency, is going forward with sure steps.

By designing next to quality production , it focuses on developing models requested by customers as a key element of customer satisfaction.

Our vision,

Be a reputable global company known all around the world in the sector in the field of Military Uniforms in terms of success, reliability, entrepreneurship, and prestige.

Our Mission

With the achievements it has reached from exporting military uniforms to the countries of the world, to become a pioneering company that aims to increase its targets every passing day and provide service to all countries of the world by providing positive contribution to the country's economy and keeping customer satisfaction at the forefront, without compromising the quality of Military Cloting Production.

# RAYON

Military And Functional Textiles



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**A. Mithat Övet** Chairman

**A. Vedat Övet** Deputy General Manager

## Profile

Established in 1989, Rayon Tekstil is involved in production of woven and knitted fabrics for military wear and technical textiles. Monthly production capacity is around 3 million meters for woven fabrics plus 300 tons for knitted fabrics; offering special dyes, prints, coatings, laminations and featured treatments.

Rayon Tekstil offers wide range of products that are highly breathable, durable, high tenacity, multi-layer, fire retardant, anti-bacterial, uv resistant, anti-static, sweat absorbent, anti-mosquito etc. These fabrics are mainly used in the production of training and combat uniforms, rain coats, ponchos, trousers, shirts, attack and ballistic vests, composites, extreme cold and wet weather clothes, fire retardant cloths, duty bags, backpacks, sleeping bags, tents, equipment covers and various technical gears.

Following a quality and success oriented management approach; Rayon Tekstil holds necessary certificates such as ISO 9001, ISO 14001 and Oekotex. Besides, the Company is the approved producer of globally well-known military suppliers and advanced armies.

Head Office is located in Merter, Istanbul where marketing, sales, accounting and trading departments take place. All production related activities are being held at Corlu plant in Tekirdag.

# REPON

Metal Forming Machines & Complete Production Lines & Equipments

**REPON**

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**Ahmet Neşet Özsoy** Technology Director

**İbrahim Külekçi** CEO

**Acar Can Kocabiçak** Sales Engineer

**Uğur Cem Gürpınar** Business Development Manager

**Zişan Beşir** Corporate Communication Specialist

## Profile

Built upon over four decades of metal forming experience, REPON is proud to offer high precision manufacturing alternatives through advanced in-house capabilities in strategic technologies such as flowforming, rotary cold forging-swaging, shear forming, hot-spinning and forging. From special press-forming to flowforming, not to mention the various combinations of all indigenous technologies at REPON, the strong and capable technical team has consistently challenged conventional methods and was able to produce ingenious superior results for its customers. An emphasis on research and development, proprietary design and manufacturing know-how, and comprehensive technical expertise in various chipless metal forming techniques, as well as a continuous quest for innovative and cost-effective production processes and a passion for developing unique combinations of different metal forming solutions mold the foundation of REPON's success. Core competencies of REPON include:

Flowforming machines for the production of medium and long range missile bodies, the ammunition bodies, motor and cartridge cases, as well as the production for the aerospace and aviation industries.

Rotary Cold Forging-Swaging Machine produces tubes with profiled inner section, produced in single pass operation for 5,56, 7,62, 9, and 12,7 mm caliber rifle, automatic machine gun and hand gun barrels.

Shear Forming machines for the production of the precise copper cones used in the anti-tank rocket heads and similar parts.

Hot Spinning machines for the production of warheads, as well as the production of high-pressure cylinders.

Ex-proof hydraulic presses for filling of explosive substances with following features; fully automatic with dosing, suitable for

operation behind the shielded area.

Hot forging presses and ironing presses for the production of warheads with hot process.

Standard hydraulic presses for various deep drawing, forming, calibration, cutting and punching operations.

Heating table presses for pressing and curing of composite or equivalent materials.

Complete turnkey production lines for the production of warheads using hot and cold methods.

# RMK MARINE

Shipbuilding Industry



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**Rahmi Mustafa Koç** Chairman of the Board

**Adnan Nefesoğlu** CEO

**Gürkan Türkeş** Business Development and Projects Director

## Profile

RMK MARINE is one of the largest among leading shipyards in the Turkish shipbuilding industry. This is the result of the projects realized at international, including but not limited to NATO standards, its design and project management team, its corporate identity and continuously improving infrastructure capabilities. Following its integration into the Koç Group in 1997, the only Turkish company to be listed in Fortune 500 Global List, RMK MARINE has enlarged its business both in domestic and international arenas with turn-key business solutions for its megayachts, naval and commercial vessel clients.

RMK MARINE has been certified with ISO 9001:2008, OHSAS 18001:2007, ISO 14001:2015, ISO/IEC 27001:2013.

RMK MARINE is a competent shipyard for the naval shipbuilding projects by bearing NATO & National Secret Level Facility Clearance and Ministry of Defense for Naval Production Certificate.

It deserves mentioning that RMK MARINE built and delivered 2 fleet replenishment tankers for the Turkish Navy in 2000 which both are still providing their services efficiently in the inventory of The Turkish Navy Fleet. The essential milestone in the history of RMK MARINE is the Coast Guard Search and Rescue (CG SAR) Vessel Project which included the building and delivery of 4 CG SAR Ships as the biggest naval combatant platforms realized by a private shipyard in Turkey so far. RMK MARINE, with its competent engineering capabilities, design, production, integration, ILS and quality skill sets gained through these projects, is ready to convey its assets and capabilities to other naval shipbuilding projects, such as corvettes, fast attack crafts, offshore patrol vessels both within the country and abroad, flexible to address and fulfill the operational requirements of its Clients properly and it is committed to serve Defence Industry's Naval Platform Projects at utmost level.

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**Musa Şahin** Vice President Of The Board  
**Yunus Emre Karaosmanoğlu** Board Member  
**Prof. Dr. Veysel Ünverdi** Board Member  
**Gürcan Okumuş** Board Member  
**Mehmet Ertuğrul Çankırılı** Board Member  
**Ahmet Türkmen** Board Member  
**Murat İkinci** Ceo

## Profile

Working with the vision to take a leading role in the global defence sector with our indigenous, reliable and pioneering rocket and missile solutions, Roketsan Missiles Industries was founded on 14 June 1988, by the decision of the Defense Industries Executive Committee.

As one of the top 100 defence industry companies (Defense News Top 100) with its indigenous products and designs, Roketsan develops and manufactures various types of rockets, missiles, guided munitions along with their launching and propulsion systems, seekers, guidance-control systems, fuzes, warheads, mechanical parts, algorithm and software, integrates them to land, air and naval platforms, gives logistical support for these systems, produces rocket propellant, designs and manufactures ballistic protection and ensures the development of space launch vehicles in its facilities at Ankara.

With over 3000 staff, 1700 engineers and its self-financing R&D projects, Roketsan continues designing and developing products indigenous to Turkey, with the aim to become the country's biggest technology army.

## RST

Rf & Eo Based Sensor Technologies, Ew Systems, Radar Systems, Satellite Systems



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**Yüksel Erimtan** Chairman

**Kenan Özkapıcı** Ceo

**Zafer Rençber** Board Member

**Serdar Ümit Tezeren** Deputy General Manager - Programs

**Ergenekon Hassoy** Deputy General Manager- Business Development

**Uğur Oğuz** Deputy General Manager - Engineering

## Profile

RST (Remote Sensing Technologies) is a solution-based company that operates in electronics, defense, space, and aeronautics industries in the civil and military areas. A team with an extensive experience in engineering and project management and with a strong business background has come together to form RST, selecting Turkey and the countries within the neighbor geographical areas as their main target market.

The main goal of RST is employing modern engineering techniques to generate rapid and robust solutions for various demands of her customers. For this purpose, RST designs, develops and produces value-added, genuine and reliable software, hardware and systems solutions using advanced technologies, in conformance with national and international standards. In accordance, RST carries out various projects in the areas of Radio-Frequency (RF), and Electro-Optical (EO) based sensor and simulator technologies; such as Radar Systems, Satellite Systems and Electronic Warfare (EW) Systems and Simulators. RST focuses on achieving the critical technology and the know-how, as well as the design, development and production of pivotal building blocks, subsystems, units and components of the systems being developed in her projects. Such forthcoming pivotal building blocks include microwave and millimeter-wave technologies for the front-end and transmitter/receiver units, as well as the signal processing units of sensor systems.

Our Fields of Operation

Radio-Frequency (RF) and Electro-Optical (EO) Based Sensor Technologies

Radar Systems

Satellite Systems

Electronic Warfare Systems and Simulators

Consultancy and Technical Support Services

Our Main Products

Ka Band Transportable Polarimetric Meteorology Radar

X Band Transportable Polarimetric Meteorology Radar

UAV Detection Radar

Antidrone System

Human Detection Radar

IR Seeker Instrumentation

Anti-jamming GPS Antenna System

Ka Band Patch Antenna

Ku Band Electronically Scan Antenna

Ku Band Satellite Communication System

Multiple Input/Output DSP Card

Frequency Synthesizer

X Band High Dynamic Wide Bandwidth Up/Down Converters

# SAHA İSTANBUL

Defence & Aerospace Cluster Association



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**Haluk Bayraktar** Chairman Of The Executive Board  
**İlhami Keleş** Secretary General

## Profile

SAHA İSTANBUL  
DEFENCE AND AEROSPACE CLUSTER ASSOCIATION

In order to increase the competitiveness of our industry in the defence, aviation and space sectors by raising their productivity, there is a strong need for national and regional initiatives and supporting structures which are subject-oriented, have qualified workforce, have the ability to produce high technology products with collaboration and which can sell them in international arena.

In order that Istanbul Industry, which produces half of Turkey's national income, produces high-tech products of added value, in March 2015, SAHA Istanbul Defence and Aerospace Cluster Association was established with the initiatives of 27 founding members, aiming to combine the power and catching a common synergy of 65.000 industrialists company operating in the corridor of Northern Marmara starting from Edirne, extending to Tekirdag, Istanbul, Izmit, Yalova, Adapazan and Düzce. The cluster chose Teknopark Istanbul in Pendik as the center. Has opened a liaison office in the DESB Deliklikaya industrial area to coordinate activities on the European side and the Thrace region.

In every branch of the defense industry, we are creating clusters by informing and guiding our companies in the aviation and space industry, thereby acting with the ideal of increasing our national production ability and capacity.

Today SAHA Istanbul is the largest Cluster in Turkey with 342 member companies including 11 universities.

# SAMSUN YURT SAVUNMA

Weapon Systems, Aircraft, Rocket And Missile Systems



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**H. Zafer Aral** Chairman Of The Board

**C. Utku Aral** General Manager

**N. Didem Aral Savucu** Foreign Trade Manager

## Profile

Samsun Yurt Savunma Sanayi ve Ticaret A.S. (SYS) was established in 2000 as the Samsun branch of East Black Sea Weapon Project with its semi-automatic handgun projection. SYS located in Samsun and doing all its activities in a 30.000 m2 facility with its 520 employees. Today with a wide range of production lines in different calibers under Canik Brand, there are more than 1.000.000 firearms in service and Canik TP Series Pistols are National Service Pistol of Turkey. According to the sales numbers of 2018, 80% of the annual production is for export and SYS realizes 75% of all handgun exports of Turkey. According to the US importation reports in 2018, SYS under Canik brand is the 8th biggest pistol exporter company to USA in the World. TP Series pistols with its 60.000rd test performance, are considered as superior in performance compared to all other productions in the World. Canik branded pistols are in service of 12 countries other than Turkey including Ukraine, Poland, Philippines, Cameron, Burkina Faso, South Africa, Bangladesh...etc.

Besides superior handgun production, SYS is also a Tier-1 supplier for rocket-missile systems and aviation thanks to its capability in engineering, R&D and quality system and certificates, ISO, Facility Security and AQAP 2120 NATO Quality Certificates. SYS is one of the largest supplier of Roketsan and exist in most of the National Programs of Turkey.

Every year succeeding the goals and projection, SYS has been selected as one of Turkey's Fastest Growing Top 100 Companies for the past four consecutive years (2013 – 2016). Awarded as Third Best Defense Company by SSB in 2018.



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## Profile

In 1880, our firearms story had begun in a small shotgun atelier which was destined to become one of the World's biggest manufacturing plants of firearms. Having ruled by the fifth-generation today, SARSILMAZ is a well-established manufacturer of small arms with an enviable reputation worldwide. Our brand new machinery park, equipped by the latest examples of CNC equipment, including eleven-axis mills and robotic equipment, proved to be a showcase of modern manufacturing. Continuous investment in R&D, technological equipment and growing product lines, resulted in the company's ability to produce top of the line pistols and shotguns for customers in 78 countries. SARSILMAZ is the only privately owned company in Turkey that has the capability of producing guns for law enforcement, military and civil use. Considering that Turkey has the second largest army in NATO, we take pride of being the sole official pistol supplier of the Turkish National Police and the Turkish Armed Forces. Since 2013 we became a competitive actor in aviation industry as well. In a short while, more than 100 aviation components were produced for AIRBUS MILITARY, Sikorsky, BOEING, Agusta Westland, in co-operation with TAI-Turkish Airforce Industries, Roketsan and TEI -Turkish Engine Industries. Thus SARSILMAZ has become one of the biggest subcontractors in the sector.

# SAVRONİK

Core Competences In The Electro-Mechanical And Software Intensive Systems Design And Delivery Area.



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**Ömer Faruk Ağa Yarman** Chairman  
**Hikmet Arif Topçuoğlu** Chief Executive Officer  
**Harun Aytar** Chief Marketing Officer

## Profile

SAVRONİK (1986) is one of the few privately owned defense companies with a significant presence in the Turkish market continuing to provide innovative designs and solutions to defense organisations. In addition to Defense, since 2000 SAVRONİK has rapidly expanded into the transportation sector with both unit product and integrated solutions for railway and highway systems. SAVRONİK has provided proven, Data Link Systems, Simulator, Integrated Power Management, Avionic, Command and Control Systems, System Integration, Manufacturing, Field Maintenance and Support Services for its military, transportation and governmental customers.

# SAYTEC

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**Yüksel Açık** Ceo  
**Yakup Saygın** Cto  
**Suna Taşbek**  
**Bünyamin Türün**  
**Elis Üstün**

## Profile

## SDT

Radar, Electronic Warfare & Communication Systems, Mission Systems, Simulation Systems & Information Technologies, Production Programs



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**Ömer Korkut** General Manager

**C. Erkan Dora** Deputy General Manager

**Deniz Altın** Business Development, Marketing & Contracts Director

**Fatma Ayzıt Cırık** Quality Management Director

**Murat Başaran** Radar, Electronic Warfare & Communication Systems Programs Director

**Gürol Yıldırımöğlü** Mission Systems Programs Director

**Halil Sunar** Simulation Systems & Information Technologies Programs Director

**Mustafa Hafizoğlu** Production Programs Director

## Profile

SDT Space & Defence Technologies Inc. (SDT) is a privately owned Turkish company which has been developing indigenous software, hardware and integrated solutions for Defence, Space and Aviation areas since February 2005. SDT's facilities are located at METU Technopolis Area.

SDT possesses special expertise in radar-EW signal processing, image processing/pattern recognition, embedded software/systems, avionic systems, land system electronic units, RF jammer systems, satellite technologies and simulation Systems & Information Technologies.

SDT's main work and product areas:

**RADAR, ELECTRONIC WARFARE & COMMUNICATION SYSTEMS**

-Radar Systems

--Synthetic Aperture Radar (SAR)

-Electronic Warfare Systems

--RF Signal Analysis System

--Communications and Radar Threat Simulator

--Anti-Drone System

-Communication Systems

--Data Link Systems

--Embedded Training Unit Data Link System

--TDMA Based Data Link

-SIMULATION SYSTEMS AND INFORMATION TECHNOLOGIES

-Image Processing and Artificial Intelligence Capabilities

-Satellite & Ground Station Solutions

-Air Combat Training Systems

-Land Combat Training Systems

-Naval Combat Training Systems

MISSION SYSTEMS

-Platform Management System

-Data Recorder Systems

-Weapon Systems

--PRODUCTION PROGRAMS

-RF Jammer Systems

--Manpack Jammer Systems

--Vehicle Type RF Jammer Systems

-Weapon Guidance Electronics

## ŞENER OTOMOTİV

Metal İş Sanayi Sitesi 5. Blok No:11 İkitelli Başakşehir, İstanbul / Turkey



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**Önder Şener** General Manager

**Aykut Şener** General Manager Assistant

## Profile

## SERPA

Investment Casting, Vacuum Investment Casting



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www.serpahassasdokum.  
com

serpa@  
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**Cevat Yılmaz** Company Manager, Contact

**Sema Yılmaz** General Manager

**Şevki Balıktay** Technical Coordinator

**Kenan Solmaz** Technical Manager

## Profile

Serpa Investment Casting is established in 1992. Serpa Investment Casting operates on 4000 m<sup>2</sup> open and 2400 m<sup>2</sup> closed area. Company produces from 1g to over 25kg investment casting parts with its modern machinery, equipment and highly skilled team. Furthermore, company produces vacuum investment casting products. Serpa Investment Casting works on turbine, aerospace, defence, electronic, medical etc. industries on vacuum investment casting and automotive, textile, valve, machinery etc. industries on investment casting. Serpa has ability to cast steel, stainless steel, copper, aluminum, nickel and cobalt based alloys with its modern machinery park and experienced staff. Serpa has AS9100 Aerospace Quality Management System and produces high quality products.

# SIEMENS

Electric & Electronics Manufacturing

# SIEMENS

*Ingenuity for life*

**Company Address** Esentepe Mahallesi Yakacık Cad. No:111  
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**Hüseyin Gelis** President & Ceo

**Hakan Özdemir** Vice President & Head Of Strategy

**Ahmet Levent Dinçer** Director of Gas & Power Services

**Oğuz Tezel** Director Energy Management

**Levent Yıldırım** Director Building Technologies

**Halit Kerim Oal** Director Digital Factory & Process Industries-Drives

**Cüneyt Genç** Ceo of Siemens Mobility A.Ş.

**Ebru Çiçekliyurt** Ceo of Siemens Windpower A.Ş.

**Şevket On** Ceo of Siemens Healthineers A.Ş.

## Profile

Siemens is a global powerhouse focusing on the areas of electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of systems for power generation and transmission as well as medical diagnosis. In infrastructure and industry solutions the company plays a pioneering role. Many of the existing solutions, products and services of Siemens find use in defense industry whereas Siemens also has specialized solutions, products and services for defense industry as well.

# SIMSOFT

Simulator Systems, Gaming And Simulation, Visual Systems,  
Defence And Aerospace



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**Veysi İşler** Chairman

**Gökçe Yıldırım Kalkan** Ceo / General Manager

**İsmail Bıkmaz** Deputy General Manager

**Aydin Okutanoğlu** Simulator Systems Group Director

## Profile

Simsoft was established in 2006 to do research and development on simulation systems, military software and serious game applications. It has developed and installed hundreds of simulators being used by both national and international civil and military organizations. Simsoft has already delivered many software products of various scope and area to very well known international organizations.

Simsoft has shown a remarkable progress since 2006 and received an award for being one of the top 50 technology companies in Turkey and 500 in European, Middle Eastern, and African countries by a Deloitte research in 2015. Simsoft won awards such as "Turkey's Fastest Growing 50 Technology Companies" by Deloitte, "Software Design" award by ASELSAN, "Best Serious Game" award by Kristal Piksel, and "Best Mobile Game" award by I/TSEC (World's largest modeling, simulation and training conference) in 2017. Simsoft ranked among "Turkey's Top 500 Technology Companies" by Bilisim 500 in 2018. Simsoft has won "Turkey 100", "Top 500 Exporters of Turkey" awards, and been one of the top 500 in European, Middle Eastern, and African countries by a Deloitte research in 2019. In 2020 Simsoft won "Turkey 100" and "Turkey's Top 500 Technology Companies" awards by Bilisim 500 and has continued its growing success in both national and international stages in 2021.

Simsoft, which currently has a CMMI Level 3 certificate for its high-standard project management processes, operates under four main groups: Simulators, Defense & Aerospace Systems, Visual Systems, and Gaming & Simulation. Each group strives to develop advanced technology services and products in its expertise area.

Simsoft's head office is at METU Technopolis in Ankara/Turkey, and it has also offices and subsidiaries in Bilkent Cyberpark/Turkey, Hacettepe Technopolis/Turkey, Istanbul/Turkey and Florida/USA.



## SMF SERT METAL



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**Ümit Akkuyu** International Sales Manager  
**Muharrem Battal** Production Planning  
**Onur Erdin** Production Manager  
**Burhan Mutlu** Quality Manager

## Profile

The main production of SMF Sert Metal Kalip which is located in Selimpaşa - Silivri / İstanbul is the production of cold forging, forming and plastering dies of hard metal and steel materials. Beside their production SMF Sert Metal Kalip produces for the Turkish Defense Industry and Military Industry bullet cores and bullet sleeve dies with high technology machinery, equipment and expert staff in their modern facility. The whole dies production is realized in-house. SMF Sert Metal Kalip exports currently 75% of the production to European, American and Asian countries and is the biggest and leading companies in Turkey's own.

## SPARK

Repair, Maintenance And Calibration



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**Aslıhan Yarkut** General Manager/Shareholder

**Okan Ermut** Director/Shareholder

**B. Gülsün Ergin** Director

## Profile

Spark Calibration Laboratory was founded on 23rd November 2011.

Spark Laboratory offers services in compliance with ISO 17025 standards and is the sole Authorized Service Provider of Keysight Technologies in Turkey.

Spark Calibration Laboratory provides calibration and repair services for Keysight branded RF and microwave equipment up to 50 GHz. Our laboratory synchronously updates its capabilities with other Keysight Service Centers around the world; thereby providing calibration services for your equipment with the methods of the manufacturer that designed and produced them, in order to achieve the highest possible measurement reliability and accuracy.

Research and Development Division of Spark Calibration Laboratory, works together with Middle East Technical University consultancy, to develop calibration SW and laboratory automation projects.

## STM

Naval Engineering, Autonomous Systems, Cyber Security And Informatics, Satellite And Aerospace, Command And Control, Consultancy



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**Prof. Dr. İsmail Demir** Chairman Of Executive Board

**Reha Denemeç** Deputy Chairman Of Executive Board

**Prof. Dr. İhsan Kaya** Member Of Executive Board

**Harun Çelik** Member Of Executive Board

**Hacı Ömer Karakuzu** Member Of Executive Board

**Özgür Güleriyüz** General Manager

## Profile

Our company was established in 1991 by the decree of the Defence Industry Executive Committee to provide project management, system engineering, technology transfer, technical and logistical support, and consultancy services to the Presidency of the Republic of Turkey Presidency of Defence Industries (SSB) and the Turkish Armed Forces (TSK) in areas that require high technology for the sake of national security.

We have expanded our engineering and technology knowledge we have gained with the critical tasks we have undertaken by taking part in the national projects of Turkish defence industry with significant investments and today; we operate in a wide range of fields including military naval platforms, cybersecurity, autonomous systems, radar systems, satellite technologies, command and control systems, certification and consultancy. We produce solutions for the needs of civil, public and private sectors of our country with indigenous and critical systems that we have developed using domestic resources. As one of the top 100 defence industry companies in the world, we also contribute to the competitiveness of the Turkish defence industry in the global market and we carry out export-oriented works.

We diversify our technology-based activities for the needs of the public and private sector, with priority in the needs of the defence industry of Turkey, and we produce a wide range of innovative solutions ranging from civil aviation and agriculture to health and energy.

**TDU**

Technical Textile

**+TDU**

SAVUNMA SİSTEMLERİ A.Ş.

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marketing@tdusavunma.  
com.tr**Mustafa Sabri Ünlütürk** Chairman of The Board**Recep Öztürk** Board Member**Ümit Öztürk** General Manager

## Profile

TDU Savunma Sistemleri Teknik Tekstil San. ve Tic.AŞ is a company operating in the field of Technical Textile in Defense Industry. Textile and derivative products are produced which prevent detection by all known reconnaissance and surveillance sensors. Working as a solution and project partner with their customers, TDU rapidly supplies innovative demands. TDU produces an advanced camouflage nets that are used for military purposes, visual camouflage near-infrared camouflage, thermal protection and radar protection nets, protective textile products for military vehicles and ammunition, inflatable dummy targets, tent systems, composite and other similar products in accordance with military standard.

TDU has been manufacturing enhanced two-dimensional multi-spectral camouflage net which is the preferred choice for today's modern armies and prevents enemy to detect and identify tanks, armoured vehicles, weapon systems and command control posts with visual, thermal, night-vision devices and radars. The camouflage net (VIS / NIR / SWIR/LWIR and Broadband Radar coverage) is hundred percent domestic product. TDU has recently become a firm preferred by the armed forces of foreign countries. TDU's works and development projects with Army, Navy and Air Force on management of thermal signature and attenuation of radar cross section have been continuing. Reducing the thermal and radar signatures of the Navy warships and war planes, hiding warplanes and helicopters on the ground, manufacturing inflatable dummy sea and land targets to deceive the enemy and deflect the weapon systems used are also carried out in close cooperation with the user. TDU also manufactures Mobile Camouflage Systems for tanks and other armored vehicles; designs special clothing

that provides visual and thermal protection for Special Operations elements and snipers, inflatable tents/command centres and inflatable dummy sea and land targets.

# TEI

Tusas Engine Industries Inc.



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**Yeliz Çetinkaya** Human Resources & Administrative Affairs Director  
**Ercan Öztürk** Finance & Sourcing Director  
**Turgut Çiçek** Quality & Manufacturing Engineering Director  
**Murat Karamahmutoğlu** Manufacturing Director  
**Murat İlker Çelik** AIT & MRO Director  
**Ahmet Kain** Programs Director  
**Ahmet Fındık** Turboshaft Engines Director  
**Ahmet Fındık (v.)** R&D Director

## Profile

TEI is a joint-venture company established in 1985 with the partnership agreement signed between Turkish Aerospace (50,5%), General Electric (46,2%) and Turkish Armed Forces Foundation and Turkish Aeronautical Association (3,3%)

TEI's mission is to be a globally competitive, original power systems OEM.

TEI's vision is to be a leading engine manufacturer through design, production and service of globally competitive, sustainable and indigenous aviation power systems and their derivatives.

TEI's main activity areas are Parts and Module Manufacturing, Engine Assembly & Test, Maintenance, Repair & Overhaul and Engine Design & Product Development. TEI aims to provide products, service and support to all customers around the world as a globally recognized, competitive, high quality manufacturing, service and engineering center and to utilize Turkey's assets and resources at an optimum level.

TEI is the sole source for most of the parts it manufactures and is known as "Center of Excellence" for rotating parts. Also TEI has become globally the biggest engine parts supplier for the most preferred new generation commercial aircraft engines such as LEAP and GENx.

As in other sectors, for the aerospace industry design engineering is a must for sustainable technological and economic growth. TEI has made significant progress in Engine Design and Product Development over the years through international and domestic projects.

The main programs/projects that TEI is working on are A400M Aircraft-TP400 Engine Program, Turkish Utility Helicopter Engine Program, Cougar Makila 1A1 Engine Logistics Program, Turboshaft Engine Development Project, Turbojet and Turbodiesel & Gasoline

Engine Projects to power UAVs.

# TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.

Manufacturing And Designing Harnesses For Military Defence And Aerospace Industries



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**Özkan Gümüş** Chairman Of The Board

**Necla Yılmaz** General Manager

**Okтай Gümüş** Member Of The Board

**Özay Yılmaz** Human Resources Director

## Profile

Teknokar has been established in 2004 for serving military defence industries. Teknokar is manufacturing and designing harnesses for military defence and aerospace industries.

Since it had lead off Teknokar has been oriented on customer pleasure and productiveness. With this our firm is increasing its customer portfolio and working for giving its associates top quality products and service.

Teknokar is updating and improving its technology capability ,training its technical employees for giving best quality and service to military defence industries. By performing Total Quality Management Teknokar is performing a customer –driven, quality, reliable, technology adapted service by the hands of conscious workers.

Teknokar is training its employees by the company's own certificated tranier and issuing certificate to the employees

Teknokar is the certified supplier of many defence corporations as Aselsan, FNSS, Roketsan and Selex. And also cooperating with Otokar, Nurol, Fotoniks, Forum Engineering and more.

Teknokar has own ISO 9001 Quality Management System, OHSAS 18001 OH&S Management System, ISO 14001 Enviromental Management Enviromental Management System and AS9100 Aerospace Management certifications.

In a 1000m2 indoor space working Teknokar is a member of OSSA (Ostim Defence and Aerospace). Teknokar is contributing national productivity and also advertising the company by attending fairs both national and global.

Teknokar is serving its partners with using latest technology equipments, hard knowledge and experience and own design works that are build in Teknokar's technology based improving infrastructure

With the customer satisfaction and quality product Teknokar is also aiming its own crew's top satisfaction and efficiency and doing the necessary for that purpose.

In the steps of interlude and finish controls the manufactured products are being subjected to electrical tests for providing quality standart. Teknokar has capability of performing any kind of electrical and mechanical test for providing IPC standart or customer request.

With its under all conditions quality and customer based attitude, Teknokar is investing in human and equipment in the way of being a lead in the industry and targeting to be a corporation that will be looked up both in today and the future.

# TEZMAKSAN

Machine Tool Business & Services & Turn Key Projects



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**Hacı Mustafa Aydođdu** Chairman  
**Hakan Aydođdu** Ceo / General Manager  
**Erdiñ Koç** Director

## Profile

CNC lathes, Vertical/Horizontal Machinin Centers, 5 Axes Machines, Bridge Type CNC Machines, After Sales Services, Periodical Maintenance Services, Turn& Key Projects, Manufacturing Execution Systems (MES)

# TİBET

Bearing, Slewing Ring Manufacturing



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**Temuçin Arbak** Chairman

**Tibet Arbak** Ceo / General Manager

**Şölen Arbak Egemen** Deputy General Manager

**Cengiz Şimşek** Quality And Management Systems Manager

**Erdem Eygi** Director

## Profile

TİBET MAKİNA was established in 1970, in İzmir Turkey. In 1980s, excavator production has begun in Turkey, TİBET MAKİNA has started to produce slewing ring according to demands. In 1990, the company focused its entire production in this way. In 2003 TİBET MAKİNA has started, manufacturing for defence industry. Now TİBET MAKİNA is the biggest slewing ring, bearing manufacturer in Turkey including its 4500 m<sup>2</sup> in door area, totally 15600 m<sup>2</sup> facility. It is able to manufacture between diameters Ø300mm-Ø4500mm. Imported seamless rolled rings (forged rings) are primarily used in our production. TİBET MAKİNA imports the raw materials from many different suppliers in Europe and has a wide supplier network in this regard. Bending material may also be used for small diameter products, bending and normalization operations are performed in our own facilities. Besides it makes refurbishment and maintenance of slewing rings, bearings.

### MEASUREMENT CAPABILITY;

Dimensional Measuring With 3D DEA Slant Performance

Ultrasonic Breaking Measurement (Level 2)

Penetration Measurement (Level 2)

Magnetic Particle Breaking Measurement

Liquid Penetration Measurement

Hardness Measuring

Coating Thickness Measuring

Surface Hardness Measuring

Destructive Hardness Deepness Testing

Non-Destructive Ultrasonic Hardness Deepness Testing

3D Measurements

Vibration Measuring

### TESTING CAPABILITIES

Friction Torque Testing

High Temperature Testing(+55 °C)

Low Temperature Testing(-32 °C)

Humidity Testing

Raindrop Testing

Air Tightness Testing

Water Tightness Testing

Pulverization Testing

Tilting Test

Axial Load Testing

Radial Load Testing

Axial & Radial Load Testing

Radial Stiffness Test

Clearance Testing

Elastical Deformation Testing

DIMENSION MEASUREMENT and TESTING CONTROL

DEA delta slant performance gantry coordinate measuring machine  
3000x5200

Romer portative 3D measurement device

METKON bacalite moulding device

METKON emery and polishing device

METKON disc cutter device

TIME TR 200 roughness measurement device

TIME TT 260 coating thickness measurement device

HM-112 micro vickers hardness measurement device

Equotip - 3 brinnell - rockwell hardness measurement device

Equotip - 2 brinnell - rockwell hardness measurement device

SONOHARD SH-5A ultrasonic hardness measurement device (brinnell – rockwell)

TIME TUD 210 ultrasonic cracked controller device

Magnetik particle cracked test device

Q NET ultrasonic hardness depth measurement device

MAHR millimar C1208 radial stiffness measurement device

TIME TV-300 portative vibration measurement device

### COATING CAPABILITIES

Eloxal Coating, Zinc Phosphate Coating, Zinc Manganese Coating, Hot Zinc Coating, Sand Blasting



# TIMSAN

Ground Support Equipment Manufacturer



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**Suat Aytoz** Deputy General Manager  
**Ayhan Sözbir** Finance and Accounting Manager  
**Kemal Gündüz** Marketing Manager  
**Bergüzar Ulusoy** Sales Executive, Civil Aviation  
**Banu Kesova** Sales Executive, Military Aviation

## Profile

Timsan was established in İstanbul in 1982 to carry out production of ground support equipment for civil and military aviation.

Timsan proudly underlines that the progression, which was started with being supplier of domestic market, is being improved in these days by exportations to 52 countries via 41 representatives in Europe, Asia, Africa and USA

Timsan carries out design, production, quality control, sales and after sales service of more than 60 types of ground support equipments including; pallet and container dollies, cargo trailers, nitrogen and oxygen carts, conveyors, passenger stairs, ambulance trucks, catering trucks, water and lavatory trucks, maintenance platforms, towbars, tow tractors, K-Loaders (Military Aircraft Loader), transporters, helicopter carrier, engine stands, mobile air traffic control towers and de-anti icing trucks.

Timsan has two manufacturing plants; main factory located in İstanbul, while the tow tractors and helicopter carriers are produced in İzmir plant.

In order to cover the full GSE range, Timsan also represents leading world brands, whose products are not located in Timsan portfolio, such as; Hobart USA (GPU), Houchin UK (GPU), Fortbrand USA (Snow Removal Equipment), Premier USA (de-icing and anti-icing vehicles), Douglas UK (towbarless tractors, surface friction meters), Proflo USA (Aircraft Refueler), Unitron USA (GPU), Laweco Germany (Loaders), Mototok Germany (Electric driven remote controlled towbarless tractors), Page Industries USA (GSE spare parts)

Company's policy is to make products compliant to the contemporary production and quality requirements, along with the customer specifications. Timsan has TSEK trade mark from Turkish Standards Institute, as well as ISO 9001:2008 and OHSAS 18001 certified.

Timsan is a member of IAEMA (The International Airport Equipment Manufacturers Association ) and carries out all R&D activities, design and manufacturing procedures according to IATA Airport Handling Manual and related regulations.

# TİSAŞ

Tisas Trabzon Gun Industry Corp



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**Ahmet Alemdarođlu** General Manager / Chairman

**Abdullah Erdem** Vice General Manager

**Mustafa Erdem** Vice General Manager

## Profile

TİSAŞ Trabzon Silah Sanayi was established, in the year 1993. Tisaş complex is established in the Trabzon/Arasin Organized Industry Zone on a 11,000 m2 open air area. Tisaş having a yearly production capacity of 45000 units, is producing 50 different models in the 22 cal, 25 cal, 380 acp, 45 cal, 7,65 mm and 9x19mm categories. All TİSAŞ guns are produced by the engineers and technicians of Tisaş with ISO 9001 quality certificate and latest technology CNC benches. Tisaş is exporting its products to nearly 30 different countries. With its regional directorates in Ankara and Istanbul it has the opportunity to provide more qualified products and services to its customers both domestic and abroad.

# TRANSVARO

Thermal And Night Vision Systems, Multiple Vision Systems, Daytime Vision Systems, Periscope Systems, 360-Degree Situation Awareness Systems, Electromagnetic Weapon Systems, Laser Systems

TRANSVARO



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**Sedat Uyar** Chairman of The Board  
**Güray Ali Canli** Executive Vice President

## Profile

• Transvaro Electron Tools Industry and Trade; has been established in 1988 jointly with American Varo Inc. It is one of the first private sector defense industry investment and has become locally funded enterprise in 1995. We mainly design and manufacture Thermal Vision Systems, Night Vision Systems, Multiple Vision Systems, Daytime Vision Systems, Periscope Systems, 360-degree Situation Awareness Systems, Electromagnetic Weapon Systems, Anti-Drone Systems, Tactical R&D Anti-Terrorism Systems, Border Security, and IR/ Laser equipment and have also experience with installation and repair of image intensifier tubes. We mainly serve Turkish Military Forces, Turkish Gendarmerie, State Police, Coastal Guard as well as for export market.

• Besides its existing capabilities, Transvaro has been trying to enhance its contribution to the industry by investing in R&D facilities and recruiting top quality and highly experienced engineers. Moreover, with the laboratory in the facilities, Transvaro can simulate all environmental conditions to test its products.

• Considering market-driven, sectorial innovations investments, Transvaro has R&D/ Design and production facility with 7.000 m<sup>2</sup> closed area in İstanbul, 27.000 m<sup>2</sup> Electro-Optical systems Design and Production facility in Dilovası, 5.000 m<sup>2</sup> Detector Design and Manufacturing Facility in Ankara and 10.000 m<sup>2</sup> closed area for Electro-Optic production in Yozgat

• Transvaro has all the necessary Quality management systems and permissions to operate in Defense Sector. ISO 9001:2008 ve AQAP-2120 quality assurance systems, ISO 14001, OHSAS18001 and Ministry of Defense 'Top Secure Facility Certificate' are the most important certificates that Transvaro has.

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**Zeynep Öktem** Chairman of The Board  
**Fatih Ünal** Vice Chairman of The Board  
**Gökçe Yıldırım Kalkan** Vice Chairman of The Board  
**Atilla Biler** Member of The Board  
**Ali İhsan Aslan** Member of The Board  
**Burak Akbaş** Member of The Board  
**Gökhan Koyuncu** Member of The Board  
**Serdar R. Alemdar** Member of The Board  
**Koray Çakır** Secretary General

## Profile

Middle East Technical University ( METU ) technology park, ODTÜ Teknokent hosts more than 140 defense industry companies doing R&D and has clustered them into Teknokent Defence Industry Cluster (TSSK) as of 2010 out of 372 firms. These companies have complementary vertical expertise that provides added value to each other's capability and are developing new technology products and services for defense and security.

The cluster aims at providing added value for generating more synergy and cooperation among its members, with universities for applied goals are to fulfill the requirements of Turkish Armed Forces and to position Turkish defense industry as a significant player in the World market through high technology solutions, products, and services that are presented to international market.

TSSK is comprised of SMEs operating in the fields of manned and unmanned vehicles; advanced materials, CBRN Technologies, protective vehicle and material Technologies; human – machine interface; cryptography, coding and encryption, electronic intelligence systems; modelling and simulation, simulation systems; communication, electronic and information systems; sensors and electronic systems, DataLink Technologies as well as the various related engineering services such as testing, calibration, modeling and maintenance.

The driving force of the cluster is the R&D projects stimulated by the synergy between university, industry, and research. The cluster members employ around 2900+ R&D personnel and currently, there are approximately 600+ active R&D projects being conducted for defense industry by the members of TSSK. The export amount of TSSK exceeds more than 140 million dollars at

the end of 2019.

## TTAF DEFENCE

Electrical Wire Harness Manufacturing, Electromechanical Assembly, Mechanical Assembly, Design, Test



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**Engin Gür** Chairman of The Board  
**Ufuk Can** Deputy Chairman of The Board  
**B. Ergün İşgör** General Manager

## Profile

TTAF Defence leads manufacturing in aviation, defence and aerospace industry, with its strong technical equipment and facility substructure, well-trained, experienced and self-improving human resources and with the support of national and international experienced management.

TTAF Defence is one of the critical suppliers of harness manufacturing, mechanical / electromechanical assembly with also design and development capability. We provide manufacturing services for land, air and naval platforms, armament and also telecommunication systems with military and national IPC standards. TTAF Defence which is a member of SASAD also holder of AS 9100.D, ISO 9001:2008, ISO 27001 information Security Management System, ISO 14001:2015 Environmental Management System, OHSAS 18001:2007 Health and Safety Management System, Certificates and NATIONAL-NATO Facility Security Clearance Certificate (FSCC).

# TUALCOM ELEKTRONİK A.Ş.

Manufacturer Of Rf Communication Systems, Gps / Gnss Anti-Jam Crpa Systems, Telemetry, Data Acquisition And Data Recording Systems, Flight Termination, Electronic Warfare And 5G Civil Communication



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**Tunahan Kırılmaz** General Manager  
**Muhsin Alperen Bölücek** Managing Partner  
**Hakan Özyürek** Managing Partner  
**Ahmet Salih Erdem** Deputy General Manager  
**Özlem Birgül** Chief Operating Officer  
**Merih Keskin** Business Development Manager

## Profile

TUALCOM started its activities in 2013 to develop high-technology competitive products in Communication and RF-Microwave fields. TUALCOM operates research, development, design and production activities at the system, subsystem and component level with its product oriented and innovative approach.

Our product development studies continue in different projects in the fields of RF Communication Systems, GPS / GNSS Anti-jam CRPA systems, Telemetry, Data Acquisition and Data Recording Systems, Flight Termination, Electronic Warfare and 5G Civil Communication. More than 40 of our products have been developed, successfully performing tasks in more than 30 national platforms.

Our company has gathered its products in 5 main fields of activity.

1. RF Communication Systems: Our company's data link product family offers power efficient solutions in L, S and C bands. There are different modulation, encryption and ECGM options according to the needs. Turnkey data link solutions, including directional antenna solutions, can be provided according to requirements. TUALCOM continues to work on data link development at higher frequencies and data rates.

2. GPS / GNSS Anti-Jam CRPA Systems: Our company has developed compact GNSS receivers. In addition, TUALCOM offers wide range of Anti Jamming GNSS CRPA systems with embedded receivers in its product range. TUALCOM conducts projects on jamming spoofing, anti-jamming and anti-spoofing for navigation systems.

3. Telemetry, Data Acquisition and Data Recording Systems: TUALCOM takes the minimal design approach one step further by integrating data collection feature into telemetry products. Telemetry products offered in various geometries provide the opportunity to be used in a wide range of platforms ranging from

UAVs to missiles / rockets. Integrated and stackable data collection systems capable of collecting and recording different digital and analog data are among the products offered.

4. Flight Termination Systems: Our company offers reliable solutions to the flight termination requirements needed in mission critical systems. Flight termination products have reached high flight hours on platforms such as missile and rocket platforms that offer harsh environmental conditions.

5. Electronic Warfare Systems: TUALCOM offers solutions that will provide superiority in military applications in the RF spectrum with its IFM-based receivers. Turnkey electronic warfare support and radar warning receiver systems are provided with multi-channel options. The electronic warfare product family also includes an active radar reflector solution for use on target aircraft platforms.

More than 40 of our products in total are available on the shelf in 5 main fields of activity, and our new product developments continue. TUALCOM continues to provide value-added solutions to our country, our industry and abroad as a result of this success with its product families of Datalink, Telemetry, Flight Termination, Antijam CRPA and EW.

# TÜBİTAK

The Scientific And Technological Research Council Of Turkey



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**Hasan Mandal** President

## Profile

TÜBİTAK, founded in 1963, is an innovative, leading, participatory and sharing institution that serves to increase the quality of life of our society in the fields of science and technology and that contributes to the sustainable development of our society. TÜBİTAK, which carries out all its activities with determination under the guidance of science and technology, progressively supports the development and production of especially technology-based products.

To carry out projects that will reduce our external dependence through its research centers and institutes.

TÜBİTAK, with its accumulation exceeding half a century, continues;

To contribute to our country's science, technology and innovation system policies,

To support research, development, innovation and entrepreneurship activities of whom has an active role in science and technology,

To provide scholarships and grants for scientists to develop themselves,

To ensure that research and development awareness in society is increased,

To publish books and magazines with a focus on science and technology in order to increase this awareness in every part of society,

To support the activities oriented at young students in particular in order for them to gain a science and technology-based competence,

To establish science centers in an attempt to promote science, technology and innovation culture,

To contribute to the development of our country through the channels of international programs and collaborations,

# TÜBİTAK BİLGEM

R&d Engineering



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**Orhan Muratoğlu** Business Development

**Yusuf Çalık** Technology Transfer and Commercialization

**Ali Görçin** Testing and Evaluation

**Mustafa Kemal İşler** Corporate Resources Management

**Erdal Bayram** National Research Institute of Electronics And Cryptology (Uekae)

**Yakup Serdar Birecik** Information Technologies Institute (Bte)

**Demet Sevil Armağan Şahinkaya** Advanced Technologies Research Institute (Iltaren)

**Mustafa Dayıoğlu** Cyber Security Institute (Sge)

**Cemil Sağıroğlu** Software Technologies Research Institute (Yte)

## Profile

TÜBİTAK Informatics and Information Security Research Center (BİLGEM) is a R&D center of Turkey which provides the country with innovative and original solutions on informatics, information and advanced electronics. With its experience exceeding 40 years and human resources surpassing 1700, BİLGEM conducts scientific and technological researches in compliance with international standards.

The institutes within TÜBİTAK BİLGEM have so far attained a remarkable number of successful projects in the fields of information technologies, information security, electronic intelligence, electronic warfare, cyber security, software technologies and cryptology. These institutes are namely the National Research Institute of Electronics and Cryptology (UEKAE), Information Technologies Institute (BTE), Advanced Technologies Research Institute (İLTAREN), Cyber Security Institute (SGE) and Software Technologies Research Institute (YTE).



# TÜBİTAK MAM

The Scientific And Technological Research Council Of Turkey  
Marmara Research Center



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**Cem Şahin** Acting Director of Energy Institute  
**Şaban Tekin** Acting Director of Genetic Engineering and Biotechnology Institute

**Cesarettin Alaşalvar** Acting Director of Food Institute  
**Osman Okur** Acting Director of Institute of Chemical Technology  
**Burcu Özsoy** Acting Director of Polar Research Institute  
**Metin Usta** Acting Director of Materials Institute - Director / Earth and Marine Sciences Institute

## Profile

Since its establishment in 1972, TÜBİTAK MARMARA RESEARCH CENTER (MAM) performs its operations in "TÜBİTAK Gebze Campus" in the City of Kocaeli. The Center aims at becoming a world leader in science and technology production with its research, development and innovation capabilities widely shared by its Environment and Cleaner Production Institute, Energy Institute, Genetic Engineering and Biotechnology Institute, Food Institute, Chemical Technology Institute, Materials Institute and Earth and Marine Sciences Institute.

TÜBİTAK MAM is one of the leading organizations of the advanced technology world thanks to its ability and capacity of research, research infrastructure and world class administrative and operational process management. With its customer oriented approach, it offers original solutions to public, private and military agencies and institutions. These solutions are materialized through basic researches, applied research and development, technology transfer, innovation, system and facility construction, national standard and norm setting, professional consulting and training activities.

# TÜBİTAK SAGE

Defence Industries Research And Development Institute



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**Gürcan Okumuş** Tübitak SAGE Director  
**Yusuf Ziya Karabay** Institute Vice Director

**Erdoğan Çetin** Institute Vice Director

**Hasan Kavaklı** Institute Vice Director

**Hüseyin Atabay** Institute Vice Director

**Murat Yaşar Özen** Business Development Senior Expert

**Ahmed Emirhan Özdemir** Business Development Expert

## Profile

TÜBİTAK Defense Industries Research and Development Institute – TÜBİTAK SAGE is a Research and Development Institute in Defense Technologies field; established in 1972 to meet the expectations of Turkish Armed Forces by developing distinctive weapon systems and a wide variety of components and sub-components. TÜBİTAK SAGE is mainly conducting R&D operations in three different locations in Ankara, Turkey; Headquarters and R&D Infrastructures Campus in Lalahan, Guidance Control Laboratory in METU Campus and Ankara Wind Tunnel in Beşevler. In addition; HABRAS Sled Test Track in Karapınar/Konya is being used for sled tests of ammunition systems with a 2 kilometers long high-speed double railed test track.

TÜBİTAK SAGE has a qualified engineering team in various fields of defense technologies like guided munition systems, intelligent cruise missiles, artillery rockets and munitions, miniature munitions for UAV's, thermobaric munitions, penetrating bombs, air-to-air missiles, wing-assisted ER guidance kits, air defence systems, navigation units (INS,GPS,IMU), Antennas, IIR and Laser Seekers, Thermal Batteries, Pyrotechnic Components, Connectors, High-tech composite materials etc. and many more system and sub-system level scopes.

TÜBİTAK SAGE is the pioneer institution in Turkey for having developed the first-cost effective guidance kits for conventional munitions with HGK Precision Guidance Kits & KGK Wing-Assisted Guidance Kits family, first intelligent cruise missiles with SOM (StandOff Missile) Family, first air-to-air missiles with Gökkuğ Gökdoğan (BVR) & Gökkuğ Bozdoğan (WVR), first unguided artillery rocket system TOROS, first Penetrator Bomb family NEB-

84 & SARB-83 & SERT-82, first 35mm Airburst Ammunition ParM, 45 different Thermal Batteries for specific missions as sole source, first Inertial Measurement Unit ATLAS, first GPS antenna SG-KONUM-01, first CRPA antenna SG-KONUM-02, first GNSS receiver KAŞIF, and mission specific Pyrotechnic Devices like Initiators, Pressure Cartridges, Gas Generators, Pin Pullers, Pin Pushers, Cable Cutters, Pyrotechnic Valve, Pyrotechnic Bolts, Rocket Igniters.

The main function of TÜBİTAK SAGE is to perform R&D activities for defense systems including engineering and prototype production, starting with their fundamental research and conceptual design.

The mission of TÜBİTAK SAGE is to provide competitive and high valued technology, products and services via R&D in defense industry.

The fields of specialization that TÜBİTAK SAGE has can be listed as follows:

- Develop guided and unguided munition systems / subsystems,
- Perform technology development studies,
- Develop critical infrastructures
- Accumulate know-how and bring up qualified personnel,
- Produce strategic system and subsystems,
  - Perform software development in specific areas like fire command and control, flight simulations, etc.,
- Provide test, measurement and consultancy services.

# TUĞÇELİK

Engaged In Die High Pressure Die Casting Sector And  
Manufacturing For World Leading Automotive Giants



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## Profile

- Vehicle cooling systems and parts
- Vehicle-related engine components (alloy aluminum and CNC)
  - Vehicle-related walking, safety and various components, materials made of alloy steel
- Project, 3D, simulation and engineering works related to these works
- Forming of molds
- Produced projects and molds produced in our own facility and delivered to the user.

# TURAC

Small Arms Ammunition, Shotshells And Blank Cartridges



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**Fatih Altunbas** General Manager  
**Ahmet Aksahin** Vice General Manager

## Profile

TURAC Dis Ticaret Ltd.Sti. is one of the leading companies in the Defense Industry in Turkey. It has a special place in production of small arms ammunition for 9x19mm pistol, military and civilian types of rifles, shotgun, blank and anti-riot ammunition under its own brand names of Sterling, Kaiser and Victory Sport. TURAC produces its ammunition according to NATO, SAAMI and CIP standards in its facilities in Sabanozu/CANKIRI City which has ISO 9001 quality management system certificate and NATO Facility Security Certificate. TURAC is also has memberships of NSPA, NSSF, SASAD and SSI. Worldwide known brand Sterling cartridges and shotshells today have reached 60 countries over the World. TURAC also supplies Turkish Army, Turkish Police and Turkish Gendarmerie.

# TÜRK LOYDU

Classification Activities, Industry And Certification Activities



TÜRK LOYDU

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**M. Cem Melikoğlu** Chairman of The Board  
**Lütfü Savaşkan** General Manager  
**Okan Çetin** Marine Sector Director

## Profile

Türk Loydu is a Classification Society and a Conformity Assessment Body performing classification and statutory services, inspection, certification and notified body activities, has constituted and been managing its organization to protect independence and impartiality values and maintain the continuity of improvement.

Türk Loydu as a confirmed Classification Society by IACS and a Recognized Organization; provides services within the following scope; Classification of New Building Ships and Ships in Service, Statutory Work carried out on behalf of Nominated Flag Administrations, Certification of Marine Products, Research and Rule Development Activities.

Certification Body activities are performed in accordance with "ISO 17021 Requirements for Bodies Providing Audit and Certification of Management Systems" and accredited by TURKAK (Turkish Accreditation Agency).

"A Type" Inspection Body activities are performed in accordance with "ISO/IEC 17020 General Criteria for the Operation of Various Types of Bodies Performing Inspection" standard and accredited by TURKAK.

Product Certification Body activities are performed in accordance with "ISO/IEC 17065 Requirements for Bodies Certifying Products, Processes and Services" standard and accredited by TURKAK.

Certifications of persons are performed in accordance with "ISO / IEC 17024 General Requirements for Bodies Operating Certification of Persons" and accredited by TURKAK.

Notified Body activities which are composed of conformity assessment activities are performed in accordance with the relevant directives of EU legislations and Guide to the

Implementation of Directives Based on New Approach and Global Approach.

Conformity assessment services for CE Marking Services:

Pressure equipment (97/23/EC)

Recreational craft (94/25/EC)

Construction products (Reg. No (EU) 305/2011)

Türk Loydu has established and maintains a quality system that implements integrated management system (IMS) with respect to ISO 9001 Quality Management System, ISO 14001 Environmental Management System and OHSAS 18001 OH&S Management System and additionally IACS QMSR.

# TURKISH AEROSPACE

Turkish Aerospace Industries, Inc



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**Oğuz Borat** Chairman of The Board

**Temel Kotil** President & Ceo

**Naki Polat** Executive Vice President, Aerostructure

**Selman Nas** Executive Vice President, Space Systems

**Ömer Yıldız** Executive Vice President, Unmanned Aerial Systems

**Mustafa Cavcar** Executive Vice President, National Fighter

**Yıldırım Kemal Yılıkçı** Executive Vice President, Helicopter

**Atilla Doğan** Executive Vice President, Aircraft

## Profile

Turkish Aerospace, ranking among the top hundred global players in aerospace and defense industry, is the center of technology in design, development, modernization, manufacturing and life cycle support of integrated aerospace systems, from fixed and rotary wing air platforms to unmanned aerial vehicle systems and space systems.

Turkish Aerospace has built its worldwide success on the foundation of the technological excellence of its products and solutions, participating in international aerospace programs such as JSF/F-35, A400M, A220, A320, A330, A350 XWB, B737, B767, B777 and B787.

Located in Ankara, Turkey, on a 4 million sqm area with a state-of-the-art industrial facility of approximately 600K sqm under roof, furnished with high technology machinery and equipment that enables design, development and modernization with extensive manufacturing capabilities ranging from parts/components manufacturing to aircraft assembly, flight tests and delivery as a reliable solution provider to both military and commercial customers.

The widespread product and activity range grant Turkish Aerospace a unique and unmatched position globally. "ANKA" Medium Altitude Long Endurance (MALE) UAV System, "HURKUS" Advanced/Combat Trainer, "T129 ATAK" Multirole Combat Helicopter, "T625 GÖKBAY" Multirole Helicopter, "HURJET" Advanced Jet Trainer and Light Attack Aircraft, "TF" Turkish Fighter, Advanced Avionics Modernization Suites for Fixed Wing and Rotary Wing Platforms, Telecommunication and E/O Surveillance/Reconnaissance Satellites, Satellite AIT Center, Special Mission Aircraft Conversions, Aerostructures for military and commercial airborne platforms are among Turkish Aerospace's major products and activities.

Turkish Aerospace Flight Academy provides standard and custom-designed Military/Police and Civil helicopter pilot training in accordance with international regulations.

Determined to keep abreast of global technological developments and secure its place among the major aerospace companies, Turkish Aerospace leads Turkey to new horizons in aviation in the 21st century.

## TURKTIPSAN



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## Profile

# TURMAKS

Mobile & Healthcare Solutions



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**Ali Tunç Kemaloğlu** Ceo

**İsmail Oğuz Aroymak** Deputy Manager

**İlker Hüner** Deputy Manager

**Burkay Demirci** Design Manager

**Mert Erkoçak** Medical Department Manager

**Yağmur Afşin** Business Development Coordinator

**Ceren Bozkurt Kemaloğlu** Project Coordinator

## Profile

TURMAKS is a company specialized in the planning, design and execution of medical and related turnkey projects throughout the globe - with a particular focus on fast support hospitals, mobile field hospitals (Level-II, Level-II+, Level III), and trailer clinics.

TURMAKS, established in 1997, has completed several healthcare projects around the globe such as in Turkey, Azerbaijan, Darfur, Cote d'Ivoire, Algeria, Mali, Nigeria, Gana, Maldives and has successfully delivered and deployed several field hospitals and trailer clinics to organizations like UN and Ministries of Health and Defense.

TURMAKS manufactures many innovative mobile solutions in its 4400m2 facility in Ankara/Turkey.



# U4 MARINE & INTERIOR

Creating With Passion



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**Umut Atak** General Manager

## Profile

U4 Marine & Interior is a full service interior design and manufacture company based in Antalya Free Zone, Turkey. In an effort to set the standards higher in design and application. Dedicated to the creation of custom interiors, the company prides itself on combining architecture and interior design to find unique and aesthetically pleasing solutions.

U4 Marine & Interior is consistently dedicated to the highest international technological standards in interior design, manufacturing and contracting of high quality, turn-key interiors by deploying all its resources and maintaining professional workmanship in order to deliver unsurpassable quality of its products.

Security clearance is a high priority when building vessels. On the other hand U4 has been granted worldwide recognized [UKAS] and distinctive certifications [ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018] to ensure highest level of Quality Management System for its clients as well as other stakeholders.

U4 Marine & Interior is the integrated yacht/boat building facility with 70+ people and more than 100 years of accumulated experience in every stage of an interior project. With the ability of controlling all the disciplines and using own teams for each part of a project we achieve exceptional economics for every project and offer reasonable prices.

-7500 sq. m. fully established main building shed.

-3000 sq. m. Interior Factory with state of the art machinery

including CNC controlled cutting, CNC controlled shaping units, heated press, veneers cutting and joining machine and many other equipment necessary to complete the interior of a superyacht all in-house.

-All air-conditioned and dust free varnish/paintshop booth with separate cabins for sanding, application and drying.

-Upholstery workshop

-Metal workshop complete stainless steel welding and polishing equipment.

U4 Marine & Interior team of skilled and experienced craftsmen take this process to the next level where their expertise manufacture and produce the conceptual designs into tangible interiors. The factories combine the latest in machine and laser technology, while still emphasizing on traditional craftsmanship. Fit out work, loose furniture, soft furnishings and even architectural metal works are all manufactured in-house within the factory facilities.

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**Hakan Batılı** General Manager

## Profile

Founded in 2000 to manufacture precision components by investment casting; Unimetal is Turkey's leader in manufacturing capacity and capabilities, product development and quality.

Unimetal offers finished products through in-house operations and organization of tooling production, casting, precision machining, heat treatment, surface treatment and assembly.

Unimetal team comprises 170 employees including 24 engineers.

Unimetal casts parts of aluminum, steel, stainless steel, copper-based and other special alloys to manufacture products for leading companies in the Aerospace & Defence, Railway, Automotive, Energy and Electronics sectors.

We use the latest technology 3D Printer for our Rapid Prototyping system.

Unimetal is EN/AS 9100, ISO 9001 and NADCAP (NDT) certified.

Through realizing all metallurgical and mechanical tests in our in-house laboratories, we are able to obtain results rapidly, and thereby problem solving and time & cost control come to the fore as our core capabilities to serve our customers

Unimetal is Turkey's first member of EICF (European Investment Casters Federation)

# VANEDA AYAKKABI

Footwear, Military And Civil Boots And Shoes



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**Aykut Verim** Deputy General Manager

**İbrahim Oral** Marketing Executive

**Ümral Oral** Ceo / General Manager

**Elif Öztürkçine** Corporate Communication Manager

## Profile

Vaneda Ayakkabı San. Ve Tic. A.Ş. founded in İstanbul İkitelli in 2004, continues to mass production at its new 5000 m<sup>2</sup> factory with production capacity as 500.000 pairs of boots and shoes per year with the power from great experience, knowledge and high quality innovative approach of Fatih Ökçe who is one of leading company and left behind 43 years in the footwear industry with production of heels, soles, insoles and lasts that requires great mastership in developing Turkey.

Founding philosophy of Vaneda can be summarised as producing the most appropriate quality,absolutely waterproof, never getting heavier boots and shoes with competitive prices. In accordance with founding philosophy, "ensuring customer satisfaction" is considered as a sacred value for Vaneda, which manufactured by using the highest quality materials well accepted in the footwear industry and meeting the deadlines.

Thanks to the company's expert staff who have completed the following investments and system building activities very quickly, both ISO 9001: 2008 Quality Management System and Ohsas 18001 Occupational Health and Safety Management Systems and ISO 14001 Enviroment Management System has been established in a very short time with the existence of a structure that confirms to the contemporary quality understanding.

Our products and raw materials are tested in our laboratory equipped with the latest technology in compliance with ISO 9001:2008 system and TSE criteria and the quality of the products emphasise on sensitively.

# VARZENE

Super Alloys Raw Material (Semi-Finished) Manufacturer And Supplier



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**İsmail Demirkaya** Chairman

**Mert Katırcı** Business Developments and Investments

**Devrim Aytaş** Sales Director

## Profile

Varzene Metal is 2007 founded metal service center. Varzene import and export metal semi-finished raw materials for instance stainless steel, nickel alloys, titanium alloys, aluminum alloys, tool steels, die steel in all forms ( bar, sheet, pipe etc.) mostly to defence and aerospace industry. Varzene Metal has 3 offices domestic and 1 in portugal 1 in Czech facility with over 100 employees and 25 Engineers. In 2015 Varzene Metal established its own cold drawing facility in order to decrease round bar diameters. In 2017 Varzene Metal has bought a second hand VIM (Vacum induction furnace) casting factory that also possess cold rolling, VCAP, furnaces, copper continous casting and all auxiliary equipments-tools. All in all Varzene metal become a producer in superalloys and metals industry. During 2019 Varzene Metal moves its Czech Republic factory/plzen edehl stahl to a new building in Izmir. Also this facility will be completed by adding a 2000Tons open die forging press machine to become a integrated manufacturer. Our metal service centers located in İstanbul, Ankara, Izmir and Bursa. We designate Varzene Metal as Strategic Metal base and We are open minded to new business opportunities.

## VESTEL DEFENCE INDUSTRY

Aerospace & Defence

# VESTEL

## Defence Industry

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**Öner Tekin** General Manager

**Levent Tanrıdağ** Deputy General Manager

**Öznur Sunay** Deputy General Manager

## Profile

Vestel Defence Industry Corporation is the establishment that serves to defence industry sector under the ZORLU Group's flagship; VESTEL Group of Companies.

VESTEL Defence is a leading platforms manufacturer of Turkey, focused on the production of UAVs. Since 2005, Vestel Defence has developed indigenous UAV systems in various categories and acquired in depth knowledge and expertise on Unmanned Systems platforms. From structural and aerodynamic design, the auto-pilot system, the central control computer including the ground control station and the design of avionics, to all software developments and system productions, UAV's are developed indigenously in house. KARAYEL UAV System is an autonomous reconnaissance and surveillance platform and is the first Turkish UAV System developed in accordance with NATO 'Airworthiness' STANAG 4671. Payload capacity and variations are available for both civil and military applications.

In the fields of Hydrogen and Fuel Cell (KOYP) Technologies whose batch productions have not yet started, together with its competent R&D staff, Vestel has been in collaboration with universities in the production of R&D since 2004. In the frame of many national and international R&D support projects, VESTEL Defence continues with R&D activities in its own laboratories.

VESTEL Defence Industry, since its establishment, specializing on the developing or unique areas over the world to develop indigenous products within these areas by completely national resources with the support of ZORLU Group, is working hard to contribute strenght to the power of Turkish Defense Industry.

# YAKUPOĞLU A.Ş. (YDS)

Military Police Footwear, Textile Equipments & Tents



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**A. Vedat Yakupoğlu** Chairman

**Levent Gülcan** General Manager

**Can Kahraman** Board Member

**Sevgi Fırat Çat** Export Sales & Marketing Regional Manager

**Sultan Yıldırım** Export Sales & Marketing Regional Manager

## Profile

YAKUPOĞLU A.S. (YDS) is ever year in the list of the first 500 industrial corporations. It is located in Ankara with 100.000 m<sup>2</sup> closed area, 1,500 employees, more than 30 engineers and 150 million dollar investment, has the most advanced technologies in production lines.

YDS is the biggest supplier of the Turkish Armed Forces and Security Forces and exports its wide range of products to over than 50 countries. YDS is registered supplier of the British Army and has been supplying to countries i.e. France, Spain, Portugal, Italy, Germany, Denmark, Lebanon, Azerbaijan, Russia, Qatar, Kazakhstan, Albania, Bosnia and Herzegovina, Egypt, Oman, United Arab Emirates, Israel, Africa.

YDS has around 335 million Turkish Liras turn over with 35% of export rate.

YDS is following European and Nato standards. Production capacity for footwear is around 5 million pairs annually. YDS has very professional R&D department and develops all products according to customer needs for different climate, terrain and operational conditions.

YDS is a unique manufacturer who has well equipped laboratory accredited by SATRA UK notified body and TURKAK Turkish Accreditation Institute. All the raw materials before production and finished products before dispatchments to customers are tested to prove the quality.

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**Bülent Hamzaoğlu** General Manager

**Erdoğan Şehit** Bids and Programs Director

**Mehmet Yenen** Operations Director

**Reha Başatlı** Sales and Marketing Manager

**Ali Ar** Financial Director

**Fikrettin Emanet** Technical Director

## Profile

YALTES's product and solutions portfolio for defence applications is specially tailored to satisfy each customer needs combining the benefits of the whole company's expertise & skills and strategic partnerships all over the world in the following areas;

Naval Combat Management Systems,

Mission Systems for small Naval Platforms,

Integrated Platform Management Systems,

Integrated Navigation & Bridge Systems,

Tactical Data Link Systems,

Fire Control Systems Integration,

Communications Systems Integration,

Integrated Maritime / Coastal Surveillance Systems.

# YILMAZ MAKİNA

R&d-Design-Machine-Machining



**Company Address** Yeşilbayır Mahallesi Şimşir Sokak No:12  
Hadımköy-Arnavutköy, İstanbul / Turkey

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**Hüseyin Yılmaz** General Manager  
**Mehmet Yılmaz** General Coordinator  
**Fatih Yılmaz** General Manager Assistant  
**Sinan Yılmaz** General Manager Assistant  
**Yusuf Yılmaz** General Manager Assistant

## Profile

Founded in 1979, our company has become the leader of a new perspective in the sector by following the current developments since its establishment and with its customer-oriented solutions. "CUSTOMER SATISFACTION" which is the central point of management mentality, is the measurement of the investments made by Yılmaz Machine. Creating solutions with wrapping, packaging machines as well as specific designs in a total area of 16.000 m2, our company provides services to privileged customers in food, medicine, chemistry and cosmetic sectors.

With over 67 different models of machines manufactured and its solutions peculiar to you, Yılmaz Machine is a World Brand in respect of being "Your Solution Partner about packaging and wrapping". By certifying its different management mentality with ISO 9001:2015 quality management certificate and with its experience over 30 years, our company prouids of providing service to the valuable customers.

Our company has gained experience in machining and machinery sector since 1979 and we have been operating as YILMAZ DEFENSE INDUSTRY in the defense industry sector since 2008.

We aim to provide technology-oriented service with our customers and to increase customer satisfaction continuously.

As a project company, we carry out the engineering and technology processes of the machinery and equipment we are on the lists.

Our company cooperates with its partners in the sector and works for the turnkey delivery of the entire Ammunition Production Facility.

We have a flexible production experience that can shape our

organization according to the developments we target, sustainable growth and market supply-demand relationship.

In ammunition process technology; Our design and engineering studies continue in our R&D Department with customer preference and technological solutions.

We design sub-systems with our R&D Department and technical staff and carry out inquiries.

In this context, we have been actively working as an approved supplier of defense industry organizations in the sector since 2015.

We have the ability to produce with various materials, including high-strength steel parts, by taking part in many projects with our experienced team in machining.

YILMAZ DEFENSE INDUSTRY, with its technical and engineering staff with more than 100 employees, continues its development by allocating its share of R&D



# YOL-BAK

Body Builder Both In Civilian And Defence Sectors.



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**Celal Abbas Doğanay** General Manager  
**İsmail Ümit Ol** Project Manager  
**Tuğba Buhar** Sales Manager  
**Murat Mertoğlu** Assistant General Manager

## Profile

Yol-Bak. Ltd. Şti. was established in 1994 at Ankara – Ostim industrial site. The main purpose of our company is manufacturing top vehicle equipments which are giving services in the area of road and terrain. We started manufacturing of salt spreaders, snow blades, trailers, semi-trailers, mechanical stabilization plants, dumpers, sheet metal dumpers, loading winches, pulling winches etc.

Due to the needs and requests of main prime contractors and in order to improve our manufacturing efficiency; our company proceeds to establish the manufacturing factory at Road to Esenboğa – Balıkhisar Village due to motivation from our business partner M.A.N. A.Ş.

In order to perform and complete the projects of SSM we became a subcontractor of BMC in 2009-2010 and open as a secondary manufacturing factory in İzmir-Kemalpaşa- area of Tokatburnu and have been performing succesful projects.

The vision of Yol-Bak. Ltd. Şti. is to perform succesful projects based on domestic production. Our principals are performing R-D (Research and Development) projects with functional and quality products by making investments of manufacturing tools towards to projects.

(BMC-KİRPİ) (SSM) Armored Hull Production for Mine Resistant Vehicles

Cabin Armoring (ROKETSAN)

Boxes/Frames for Tactical Vehicles (BMC)

Battlefield Fuel Tanker and Logistic Services Fuel Tanker

Boxes/Frames for ammunition loading and transportation vehicles (ROKETSAN)

Mobile Repair Shop (Mobil Service Vehicle) (BMC)

Rescue Cranes

Towing Machines, Charging Cranes

NATO Shelter Command Cabins (ROKETSAN-AZERBEYCAN PROJECT)

Superstructure of Low and Medium Altitude Missile Launching Ramp (ROKETSAN)

Automatic – Electronic Controlled Platforms with Hydraulic Leveling System (ASELSAN)

Dump Boxes

Low-Bed Trailers

Trailers

Galvanized Boxes

Water Tankers

Salt Spreaders

Snow Plough Blades

Hydraulic Brooms

Asphalt Maintenance Vehicles

Asphalt Relay Tanks

Plate Post Pile Drivers



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**Şakir A. Yılmaztürk** Chairman  
**İ. N. Ekber Onuk** Vice Chairman  
**Erdem Yılmaztürk** Member of The Board  
**Mehmet A. Güler** Managing Director

## Profile

Yonca-Onuk JV is a joint venture consisting of a privately owned Yonca Teknik Yatırım Turizm Sanayi ve Ticaret AŞ and Onuk Taşıt AŞ, under Turkish law established in 1986 in Tuzla-Istanbul. It has the capacity to build high-speed boats in advanced composites. State-of-the-art pleasure, commercial and naval craft in advanced composites have been designed and built since 1989. The shipyard has National Plant Security Clearance Certificate and also Environmental Management (ISO 14001), Occupational Health & Safety (ISO 45001) and ISO 9001 Quality Management Standards Certificates. The ship building process is in full compliance with ISO 9001:2015 Quality Assurance System, with engineering and production as per Det Norske Veritas (DNV) classification rules and naval standards.

Yonca-Onuk J.V.MRTP Fast Craft family is developed to offer an advanced versatile platform series to perform various tactical missions for the increasingly tough requirements of the naval and law enforcement forces to control the littoral and the coastal waters and protect to peace in the most demanding conditions.

With their very high speed, high maneuverability, superior sea keeping, shallow water capabilities and the advanced weapon, machinery systems and arrangement result in a vessel with greatly enhanced operability, maintainability and accommodation standards.

Having aforementioned characteristics Yonca-Onuk J.V.MRTP boats are ideally suited for the mastery of the brown waters. The flexible design will allow the installation of different surveillance, observation, rescue and weapon systems to perform military and paramilitary missions. Advanced composite structures allow built-in capabilities such as low signature levels, very low life cycle operation cost and a great flexibility of adaptation.

Since 1993 more than 170 platforms were constructed and commissioned by twelve different organizations serving in nine different countries.

Yonca-Onuk JV is not only the first Turkish company exporting military ships abroad also the first Turkish company that providing know-how, design and material packages to friendly countries for building the boats in those countries.

Every project is supported by the Integrated Logistic System however, after sale support for the customers are also provided with Follow on or Rate Running Contracts. Individual, repair, overhaul or modification requirements of the customers are also satisfied.

Luxury yachts projects of Yonca-Onuk JV, are not as much as military projects however, customers who look for military standards and toughness in the luxury boat can always find a satisfactory solution in Yonca-Onuk JV.

In addition to the composite productions, having required infrastructure and organization with highly expert personnel, Yonca-Onuk JV, recently is expanding her portfolio with aluminum boats.

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- 88 İSTANBUL SİLAH
- 89 KALE AERO
- 90 KALEKALIP
- 91 KAREL
- 92 KATMERCİLER
- 93 KAYALAR
- 94 KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ
- 95 KOÇAK PETROL ÜRÜNLERİ
- 96 KOLUMAN
- 97 KOYUNCU
- 98 KRL
- 99 LEONARDO Turkey
- 100 M-D2
- 101 MAK SAVUNMA
- 102 MAKEL
- 103 MAKTEL
- 104 MATEŞ
- 105 ME-GE TEKNİK
- 106 MENSAN
- 107 MES Makina Elektrik Kimya
- 108 MESAN Inc.
- 109 METEKSAN DEFENCE
- 110 MİLISOFT
- 111 MKEK
- 112 MTU
- 113 NANOBIZ
- 114 NERO INDUSTRIES
- 115 NETA ELEKTRONİK
- 116 NORM TECHNOLOGIES
- 117 NUROL BAE SYSTEMS AIR SYSTEMS  
INC.
- 118 NUROL MAKİNA
- 119 NUROL TEKNOLOJİ
- 120 ONUR Mühendislik A.Ş.
- 121 OSSA
- 122 OTOKAR
- 123 OTONOM TEKNOLOJİ
- 123 Defense And Aviation
- 124 ÖZTEK TEXTİLE
- 125 ÖZTİRYAKİLER
- 126 PAGETEL
- 127 PAPIILON
- 128 PAVOTEK
- 129 PEGASUS SAVUNMA
- 130 Pİ MAKİNA
- 131 PROFEN
- 132 PUNTEL
- 133 RAFF MILITARY TEXTİLE
- 134 RAYON
- 135 REPKON
- 136 RMK MARINE
- 137 ROKETSAN
- 138 RST
- 139 SAHA İSTANBUL
- 140 SAMSUN YURT SAVUNMA
- 141 SARSILMAZ

- 142 SAVRONİK
- 143 SAYTEC
- 144 SDT
- 145 ŞENER OTOMOTİV
- 146 SERPA
- 147 SIEMENS
- 148 SİMSOFT
- 149 SMF SERT METAL
- 150 SPARK
- 151 STM
- 152 TDU
- 153 TEI
- 154 TEKNO KAR SAVUNMA ve HAVACILIK A.Ş.
- 155 TEZMAKSAN
- 156 TİBET
- 157 TİMSAN
- 158 TİSAŞ
- 159 TRANSVARO
- 160 TSSK
- 161 TTAF DEFENCE
- 162 TUALCOM ELEKTRONİK A.Ş.
- 163 TÜBİTAK
- 164 TÜBİTAK BİLGEM
- 165 TÜBİTAK MAM
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- 167 TUĞÇELİK
- 168 TURAC
- 169 TÜRK LOYDU
- 170 TURKISH AEROSPACE
- 171 TURKTİPSAN
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# COMPLETE SYSTEMS

## **ACCESS CONTROL - SEE ALSO SECURITY**

- GRUP IMPEKS
- ARGELA
- SIEMENS
- DESI
- SAYTEC
- ILERI GROUP
- PAPILON
- TSSK

## **ACOUSTIC - SEE ALSO AUDIO, SONAR**

- TÜBİTAK BİLGEM
- BİTES
- TÜBİTAK MAM
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- TRANSVARO
- METEKSAN DEFENCE
- HAVELSAN
- ESEN
- TSSK

## **ACTION DATA - SEE ALSO OPERATIONAL DATA, IT, COMMAND**

- PROFEN
- CRYPTTECH
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ARTRON
- HAVELSAN
- ESEN
- TSSK

## **AERIAL PHOTOGRAPHY/IMAGING/SENSORS - SEE COMPONENTS AND EQUIPMENTS**

- ANOVA
- ALTINAY Defence Technologies
- BİTES
- ASELSAN
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TÜBİTAK
- ESEN
- TSSK

## **AERIAL TARGETS - SEE ALSO TARGETS**

- TURKISH AEROSPACE
- TÜBİTAK SAGE
- ALTINAY Defence Technologies
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- HAVELSAN

## **AERIALS/ANTENNA**

- ETA
- PROFEN
- RST
- TÜBİTAK BİLGEM
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- C Tech Information Technologies Inc.
- NETA ELEKTRONİK
- TUALCOM ELEKTRONİK A.Ş.
- BEST GRUP
- ASELSAN
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- OSSA
- ESEN
- DELTA ELECTRONICS

## **AIR CONDITIONING - SEE ALSO HEATING, VENTILATION**

- GRUP IMPEKS
- MAKEL
- SIEMENS
- MAKTEL
- CANOVATE
- ANOVA
- GÖKSER R&D
- ISISO
- FİGES
- OSSA
- TSSK

## **AIR DEFENCE SYSTEMS**

- ALTEK
- BARTEZ
- AKKAR
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- ICTERRA
- ISISO
- SIMSOFT

- TUALCOM ELEKTRONİK A.Ş.
- ASELSAN
- ROKETSAN
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- NORM TECHNOLOGIES
- AYESAŞ
- HAVELSAN
- ESEN
- DELTA ELECTRONICS
- TSSK

### **AIR SEA RESCUE - SEE ALSO SAR**

- METEKSAN DEFENCE
- HAVELSAN
- TSSK

### **AIR TRAFFIC CONTROL**

- ALTAY
- infoTRON
- TÜBİTAK BİLGEM
- ONUR Mühendislik A.Ş.
- BİTES
- ASELSAN
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- HAVELSAN
- ESEN
- TSSK

### **AIRCRAFT ARMAMENT**

- ASSAV
- TÜBİTAK SAGE
- ALTINAY Defence Technologies
- ESEN
- DELTA ELECTRONICS

### **AIRCRAFT BATTERIES**

- TÜBİTAK SAGE
- ASPILSAN ENERGY
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- OSSA

### **AIRCRAFT CONTROL SYSTEMS**

- TURKISH AEROSPACE
- TÜBİTAK BİLGEM
- ANOVA
- AKKAR
- TÜBİTAK SAGE

- ILERI GROUP
- C Tech Information Technologies Inc.
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- ESEN
- TSSK

### **AIRCRAFT GROUND SUPPORT**

- MATEŞ
- ALTAY
- TİMSAN
- AKKAR
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- ILERI GROUP
- GÖKSER R&D
- ICTERRA
- ISISO
- HAVACILIK ve UZAY KÜMELENİMESİ DERNEĞİ (HUKD)
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- OSSA
- HAVELSAN
- TSSK

### **AIRCRAFT HEAD UP DISPLAYS**

- BİTES
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- FOTONIKS

### **AIRCRAFT MANUFACTURERS**

- VARZENE
- TURKISH AEROSPACE
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.

### **AIRCREW CLOTHING**

- GRUP IMPEKS
- RAFF MILITARY TEXTILE
- NORM TECHNOLOGIES

### **ALARM DETECTION: CBRN**

- NERO INDUSTRIES
- GRUP IMPEKS
- MAKEL
- CANOVATE
- TÜBİTAK MAM
- OSSA
- HAVELSAN



## **AMBULANCE - SEE ALSO VEHICLES**

- NERO INDUSTRIES
- ARES SHIPYARD
- GRUP IMPEKS
- NUROL MAKİNA
- NUROL TEKNOLOJİ
- OTOKAR
- BEST GRUP
- KATMERCİLER
- FNSS Savunma Sistemleri A.Ş.
- OSSA

## **AMMUNITION MANUFACTURE**

- TURAC
- ALTEK
- VARZENE
- ASSAV
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- ALTINAY Defence Technologies
- ROKETSAN
- YILMAZ MAKİNA
- NORM TECHNOLOGIES
- MIKEK
- DELTA ELECTRONICS

## **AMMUNITION PROTECTION - SEE ALSO PROTECTIVE CLOTHING, ARMOUR**

- NERO INDUSTRIES
- GRUP IMPEKS
- AVS
- BARIŞ
- VARZENE
- ANOVA
- NUROL TEKNOLOJİ
- GÜVENLİ YAŞAM
- TDU
- NORM TECHNOLOGIES
- OSSA

## **AMPHIBIOUS VEHICLES**

- GRUP IMPEKS
- NUROL MAKİNA
- NUROL TEKNOLOJİ
- OTOKAR
- ANADOLU SHIPYARD
- KATMERCİLER

- FNSS Savunma Sistemleri A.Ş.
- TSSK

## **ANTI SUBMARINE WEAPONS**

- AKKAR
- TÜBİTAK SAGE
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- ROKETSAN
- MIKEK

## **ANTI TANK SYSTEMS**

- AKKAR
- TÜBİTAK SAGE
- REPKON
- ASELSAN
- TRANSVARO
- ROKETSAN
- FNSS Savunma Sistemleri A.Ş.
- MIKEK
- DELTA ELECTRONICS

## **ARMOUR - SEE ALSO PROTECTIVE CLOTHING, BODY ARMOUR**

- GRUP IMPEKS
- AVS
- BARIŞ
- BARTEZ
- RAFF MILITARY TEXTILE
- CANOVATE
- NUROL TEKNOLOJİ
- GÜVENLİ YAŞAM
- CES Advanced Composites & Defense Technologies
- BEST GRUP
- ROKETSAN
- NORM TECHNOLOGIES

## **ARMOUR, WEAPONS AND AMMUNITION PROOFING / TESTING**

- BARTEZ
- MAKTEL
- ÖZTEK TEXTILE
- NUROL TEKNOLOJİ
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- CES Advanced Composites & Defense Technologies
- BEST GRUP
- TÜBİTAK MAM

- ROKETSAN
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- NORM TECHNOLOGIES
- OSSA
- MKEK
- DELTA ELECTRONICS
- TSSK

### **ARMoured FIGHTING VEHICLE MANUFACTURERS**

- BARTEZ
- MAKTEL
- NUROL MAKİNA
- NUROL TEKNOLOJİ
- ILERİ GROUP
- OTOKAR
- BEST GRUP
- KATMERCİLER
- FNSS Savunma Sistemleri A.Ş.
- YILMAZ MAKİNA

### **ARMoured PERSONNEL VEHICLES AND CARS**

- GRUP IMPEKS
- BARTEZ
- MAKTEL
- NUROL MAKİNA
- NUROL TEKNOLOJİ
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- ILERİ GROUP
- OTOKAR
- HEMA ENDÜSTRİ
- CES Advanced Composites & Defense Technologies
- BEST GRUP
- TÜBİTAK MAM
- KATMERCİLER
- FNSS Savunma Sistemleri A.Ş.
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- YOL-BAK
- TSSK

### **ARTIFICIAL INTELLIGENCE**

- TÜBİTAK SAGE
- ICTERRA
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- ESEN

### **ARTILLERY - SEE ALSO GUN SYSTEMS AND MISSILE SYSTEMS**

- MAKTEL
- AKKAR
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- TRANSVARO
- ROKETSAN
- NORM TECHNOLOGIES
- MKEK

### **AUGMENTED REALITY**

- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- HAVELSAN

### **AUTOMATIC TEST EQUIPMENT - SEE ALSO TEST EQUIPMENTS / SPECIAL TEST EQUIPMENTS**

- KRL
- ETA
- infoTRON
- M-D2
- BARTEZ
- MAKTEL
- PAVOTEK
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- ILERİ GROUP
- ALTINAY Defence Technologies
- SPARK
- ICTERRA
- ISISO
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- AKGÜN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- FİGES
- ARTRON
- ESEN
- DELTA ELECTRONICS

### **AVIONICS**

- ALTAY
- SAVRONİK
- ESAC
- infoTRON
- PAVOTEK
- VARZENE
- CANOVATE
- TÜBİTAK BİLGEM

- ANOVA
- TÜBİTAK SAGE
- C Tech Information Technologies Inc.
- ICTERRA
- ISISO
- SİMSOFT
- BİTES
- BEST GRUP
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- TRANSVARO
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TÜBİTAK
- METEKSAN DEFENCE
- VESTEL DEFENCE INDUSTRY
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- FOTONİKS
- ARTRON
- SDT
- AYESAŞ
- HAVELSAN
- ESEN
- DELTA ELECTRONICS
- TSSK
- STM

### **BATTLEFIELD SURVEILLANCE**

- NERO INDUSTRIES
- PROFEN
- PAVOTEK
- TÜBİTAK BİLGEM
- OTOKAR
- ALTINAY Defence Technologies
- SİMSOFT
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- TRANSVARO
- METEKSAN DEFENCE
- DELTA ELECTRONICS
- TSSK

### **BIGDATA MANAGEMENT**

- ICTERRA
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.

- AKGÜN
- ESEN
- TSSK

### **BOAT BUILDERS (UNDER 50METRES LENGTH), SMALL CRAFT - SEE ALSO RIB**

- DEARSAN
- U4 MARINE & INTERIOR
- ARES SHIPYARD
- GRUP IMPEKS
- ALTAY
- MAKTEL
- İSTANBUL SHIPYARD
- ANADOLU SHIPYARD
- YONCA-ONUİK JV
- RİMİK MARINE
- DESAN SHIPYARD

### **BODY ARMOUR - SEE ALSO ARMOUR SYSTEMS**

- GRUP IMPEKS
- AVS
- BARIŞ
- BARTEZ
- ÖZTEK TEXTİLE
- CANOVATE
- ANOVA
- NUROL TEKNOLOJİ
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- GÜVENLİ YAŞAM
- CES Advanced Composites & Defense Technologies
- NORM TECHNOLOGIES

### **BOMB DISPOSAL, INCLUDING ROBOTS**

- M-D2
- ANOVA
- TÜBİTAK SAGE
- ALTINAY Defence Technologies
- HIDROAN
- EPSİLON-NDT ENDÜSTRİYEL KONTROL SİSTEMLERİ SAN. ve TİC. A.Ş.
- ROKETSAN
- ELEKTROLAND DEFENCE
- FİGES
- NORM TECHNOLOGIES
- MIKEK

### **CBRN SYSTEMS**

- MAKEL
- TURMAKS
- NANOBIZ
- OTOKAR
- TÜBİTAK MAM
- EPSİLON-NDT ENDÜSTRİYEL KONTROL SİSTEMLERİ SAN. ve TİC. A.Ş.
- FNSS Savunma Sistemleri A.Ş.
- NORM TECHNOLOGIES
- OSSA
- HAVELSAN
- TSSK

### **CBRNE MATERIAL**

- EPSİLON-NDT ENDÜSTRİYEL KONTROL SİSTEMLERİ SAN. ve TİC. A.Ş.
- TSSK

### **CHARGES**

- BEST GRUP
- ASPILSAN ENERGY
- TSSK

### **CHEMICAL/BIOLOGICAL/NUCLEAR PROTECTION (CBRN)**

- NERO INDUSTRIES
- MAKEL
- AVS
- ÖZTEK TEXTILE
- TÜBİTAK BİLGEM
- OTOKAR
- EPSİLON-NDT ENDÜSTRİYEL KONTROL SİSTEMLERİ SAN. ve TİC. A.Ş.
- ELEKTROLAND DEFENCE
- NORM TECHNOLOGIES
- HAVELSAN
- TSSK

### **CLASSIFICATION SOCIETY**

- TÜRK LOYDU

### **CLOTHING SYSTEMS, PROTECTIVE - SEE ALSO CLOTHING**

- GRUP IMPEKS
- AVS
- M-D2
- ÖZTEK TEXTILE
- RAFF MILITARY TEXTILE
- GÜVENLİ YAŞAM

- CES Advanced Composites & Defense Technologies
- TDU
- TÜBİTAK MAM
- VANEDA AYAKKABI
- NORM TECHNOLOGIES
- OSSA
- YAKUPOĞLU A.Ş. (YDS)

### **CLOTHING SYSTEMS, UNIFORM - SEE ALSO CLOTHING**

- GRUP IMPEKS
- AVS
- ÖZTEK TEXTILE
- RAFF MILITARY TEXTILE
- C.Tech Information Technologies Inc.
- VANEDA AYAKKABI
- NORM TECHNOLOGIES
- OSSA
- MENSAN
- YAKUPOĞLU A.Ş. (YDS)

### **COMMAND AND CONTROL**

- NERO INDUSTRIES
- KRL
- TURMAKS
- ARGELA
- ALTAY
- PROFEN
- SAVRONİK
- ALTEK
- PAVOTEK
- CANOVATE
- TÜBİTAK BİLGEM
- TÜBİTAK SAGE
- OTOKAR
- C.Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- ICTERRA
- SIMSOFT
- BİTES
- MİLSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- ELEKTROLAND DEFENCE
- FNSS Savunma Sistemleri A.Ş.
- MENSAN

- AYESAŞ
- HAVELSAN
- ESEN
- DELTA ELECTRONICS
- TSSK
- ATEL
- YALTES
- STM

### **COMMAND DATA MANAGEMENT**

- ALTAY
- CRYPTTECH
- PAVOTEK
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- SIMSOFT
- BİTES
- TUALCOM ELEKTRONİK A.Ş.
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- ARTRON
- AYESAŞ
- HAVELSAN
- ESEN
- TSSK
- STM

### **COMMAND SUPPORT**

- ARGELA
- ALTAY
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- HAVELSAN
- ESEN
- TSSK

### **COMMUNICATION**

- KRL
- KAREL
- ARGELA
- ALTAY
- PROFEN
- SAVRONİK

- ESAC
- infoTRON
- PAVOTEK
- CANOVATE
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- NETA ELEKTRONİK
- ICTERRA
- SIMSOFT
- TUALCOM ELEKTRONİK A.Ş.
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- FİGES
- ARTRON
- SDT
- HAVELSAN
- ESEN
- DELTA ELECTRONICS
- TSSK
- ATEL

### **COMMUNICATION: AEROSPACE**

- ALTAY
- PROFEN
- ESAC
- RST
- TÜBİTAK BİLGEM
- TÜBİTAK SAGE
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- NETA ELEKTRONİK
- TUALCOM ELEKTRONİK A.Ş.
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- ARTRON
- SDT
- AYESAŞ
- ESEN

- DELTA ELECTRONICS
- TSSK

### **COMMUNICATION: LAND AND COMMERCIAL**

- KAREL
- ARGELA
- ALTAY
- PROFEN
- SAVRONİK
- PAVOTEK
- CANOVATE
- TÜBİTAK BİLGEM
- TÜBİTAK SAGE
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- NETA ELEKTRONİK
- ICTERRA
- BİTES
- TUALCOM ELEKTRONİK A.Ş.
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- ARTRON
- AYESAŞ
- ESEN
- DELTA ELECTRONICS
- TSSK

### **COMMUNICATION: MARITIME**

- KAREL
- ARGELA
- ALTAY
- PROFEN
- PAVOTEK
- TÜBİTAK BİLGEM
- TÜBİTAK SAGE
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- NETA ELEKTRONİK
- TUALCOM ELEKTRONİK A.Ş.
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- METEKSAN DEFENCE

- AYESAŞ
- ESEN
- TSSK
- STM

### **COMMUNICATION: MULTI ROLE**

- ALTAY
- infoTRON
- PAVOTEK
- TÜBİTAK SAGE
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- ICTERRA
- TUALCOM ELEKTRONİK A.Ş.
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- ARTRON
- AYESAŞ
- DELTA ELECTRONICS
- TSSK

### **COMMUNICATION: SECURITY**

- ARGELA
- PROFEN
- CRYPTTECH
- BARTEZ
- PAVOTEK
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- AÇIK DENİZ
- ICTERRA
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- ARTRON
- HAVELSAN
- ESEN
- TSSK

### **DATA ACQUISITION AND PROCESSING**

- ARGELA
- PROFEN
- CRYPTTECH
- RST
- PAVOTEK

- TÜBİTAK BİLGEM
- ANOVA
- TÜBİTAK SAGE
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- SİMSOFT
- TUALCOM ELEKTRONİK A.Ş.
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- MİLSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- AKGÜN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- METEKSAN DEFENCE
- FİGES
- ARTRON
- SDT
- PAPILON
- AYESAŞ
- HAVELSAN
- ESEN
- TSSK
- STM

### **DATA COMMUNICATION**

- KRL
- ARGELA
- ALTAY
- PROFEN
- CRYPTTECH
- RST
- PAVOTEK
- TÜBİTAK BİLGEM
- TÜBİTAK SAGE
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- AÇIK DENİZ
- NETA ELEKTRONİK
- ICTERRA
- TUALCOM ELEKTRONİK A.Ş.
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- AKGÜN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE

- FİGES
- FOTONIKS
- ARTRON
- SDT
- AYESAŞ
- HAVELSAN
- ESEN
- TSSK

### **DATA LINK**

- NERO INDUSTRIES
- ARGELA
- ALTAY
- PROFEN
- SAVRONİK
- ESAC
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- NETA ELEKTRONİK
- TUALCOM ELEKTRONİK A.Ş.
- MİLSOFT
- ASELSAN
- AKGÜN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- METEKSAN DEFENCE
- ARTRON
- SDT
- AYESAŞ
- HAVELSAN
- DELTA ELECTRONICS
- TSSK
- STM

### **DATA NETWORK**

- NERO INDUSTRIES
- ARGELA
- ALTAY
- PROFEN
- CRYPTTECH
- ESAC
- PAVOTEK
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- AÇIK DENİZ
- ICTERRA
- MİLSOFT

- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- AKGÜN
- METEKSAN DEFENCE
- SDT
- AYESAŞ
- HAVELSAN
- ESEN
- TSSK
- YALTES

### **DATA RECORDING**

- ARGELA
- CRYPTTECH
- PAVOTEK
- TÜBİTAK BİLGEM
- ANOVA
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- BİTES
- TUAL.COM ELEKTRONİK A.Ş.
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- AKGÜN
- FİGES
- ARTRON
- SDT
- MENSAN
- PAPILON
- AYESAŞ
- HAVELSAN
- TSSK

### **DATABASE INFORMATION**

- ALTAY
- CRYPTTECH
- PAVOTEK
- TÜBİTAK BİLGEM
- ONUR Mühendislik A.Ş.
- İCTERRA
- SİMSOFT
- BİTES
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- AKGÜN
- PAPILON
- HAVELSAN
- ESEN

- TSSK
- STM

### **ELECTRICAL SYSTEMS**

- MAKTEL
- PAVOTEK
- CANOVATE
- ME-GE TEKNİK
- İŞBİR
- ANOVA
- TÜBİTAK SAGE
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- YILMAZ MAKİNA
- ARTRON
- OSSA
- MENSAN
- TÜRK LOYDU
- TSSK

### **ELECTRO OPTICAL**

- AVS
- PROFEN
- RST
- CANOVATE
- TÜBİTAK BİLGEM
- TÜBİTAK SAGE
- ASELSAN
- TRANSVARO
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- FİGES
- ASELSAN SİVAS
- FOTONIKS
- OSSA
- PAPILON
- ESEN
- DELTA ELECTRONICS
- TSSK

### **ENERGY STORAGE SYSTEMS**

- PAVOTEK
- TÜBİTAK MAM
- ASPILSAN ENERGY
- OSSA
- TÜRK LOYDU
- TSSK



## **EXPLOSIVE ORDNANCE DISPOSAL (EOD) SYSTEMS SEE**

### **ALSO BOMB DISPOSAL**

- ALTAY
- NUROL MAKİNA
- AKANA
- TÜBİTAK SAGE
- ALTINAY Defence Technologies
- EPSILON-NDT ENDÜSTRİYEL KONTROL SİSTEMLERİ SAN. ve TİC. A.Ş.
- ASELSAN
- TRANSVARO
- ELEKTROLAND DEFENCE
- YILMAZ MAKİNA
- NORM TECHNOLOGIES
- MKEK

### **FIELD HOSPITALS**

- TURMAKS
- GÖKSER R&D

### **FLIGHT CONTROL**

- TÜBİTAK BİLGEM
- TÜBİTAK SAGE
- ALTINAY Defence Technologies
- C Tech Information Technologies Inc.
- ALP AVIATION
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- HAVELSAN
- ESEN
- DELTA ELECTRONICS
- TSSK

### **GPS**

- KAREL
- PROFEN
- PAVOTEK
- TÜBİTAK SAGE
- NETA ELEKTRONİK
- TUALCOM ELEKTRONİK A.Ş.
- ASELSAN
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- ESEN
- DELTA ELECTRONICS
- TSSK

## **GUIDED WEAPONS**

- ALTAY
- MAKTEL
- RST
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- ASELSAN
- ROKETSAN
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- YILMAZ MAKİNA
- ARTRON
- MKEK
- DELTA ELECTRONICS

### **GUNS**

- TİSAŞ
- GİRSAN
- İSTANBUL SİLAH
- M-D2
- MAKTEL
- ASSAV
- YILMAZ MAKİNA
- SARSILMAZ
- OSSA
- ATA ARMS
- KALEKALIP
- MKEK
- DELTA ELECTRONICS
- TSSK

### **GYRO**

- TÜBİTAK SAGE
- PEGASUS SAVUNMA
- ASELSAN
- TRANSVARO
- DELTA ELECTRONICS

## **HELICOPTER MANUFACTURERS**

- VARZENE
- TURKISH AEROSPACE
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- DELTA ELECTRONICS

## **HOVERCRAFT MANUFACTURERS**

- YILMAZ MAKİNA

### **IFF SYSTEMS**

- ALTAY
- TÜBİTAK BİLGEM
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- MİLSOFT
- ASELSAN
- AYESAŞ
- HAVELSAN
- ESEN

### **INFORMATION SYSTEMS, DEFENCE ACQUISITION AND SUPPORT**

- KRL
- ARGELA
- ALTAY
- PROFEN
- CRYPTTECH
- ESAC
- PAVOTEK
- CANOVATE
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- ICTERRA
- SİMSOFT
- BİTES
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- AKGÜN
- SDT
- PAPILON
- HAVELSAN
- TSSK
- YALTES
- STM

### **INFRA RED SYSTEMS / SEEKER**

- NERO INDUSTRIES
- RST
- CANOVATE
- TÜBİTAK BİLGEM
- TÜBİTAK SAGE
- ASELSAN
- METEKSAN DEFENCE
- FOTONIKS
- SDT
- ESEN
- TSSK

### **IT SYSTEMS: OPERATIONAL**

- ARGELA
- ALTAY
- PROFEN
- CRYPTTECH
- CANOVATE
- TÜBİTAK BİLGEM
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- ONUR Mühendislik A.Ş.
- ICTERRA
- SİMSOFT
- BİTES
- MİLSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- AKGÜN
- PAPILON
- HAVELSAN
- ESEN
- TSSK
- STM

### **IT SYSTEMS: PROJECT MANAGEMENT**

- PROFEN
- CRYPTTECH
- TÜBİTAK BİLGEM
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- ICTERRA
- SİMSOFT
- BİTES
- MİLSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- AKGÜN
- METEKSAN DEFENCE
- PAPILON
- HAVELSAN
- TSSK
- STM

### **LASER SYSTEMS**

- PAVOTEK
- CANOVATE
- TÜBİTAK BİLGEM
- SİMSOFT
- ASELSAN
- TRANSVARO
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TÜBİTAK
- METEKSAN DEFENCE

- FOTONİKS
- DELTA ELECTRONICS
- TSSK

### **LIFE SUPPORT SYSTEMS**

- MAKEL
- TURMAKS
- OTOKAR
- ASELSAN
- OSSA

### **LIGHTING SYSTEMS**

- SAVRONİK
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- OSSA
- TSSK

### **LOGISTIC SUPPORT SYSTEMS**

- KOYUNCU
- ALTEK
- NURUL MAKİNA
- ÖZTİRYAKİLER
- İCTERRA
- BİTES
- BEST GRUP
- FNSS Savunma Sistemleri A.Ş.
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- HST AUTOMOTIVE MANUFACTURING INDUSTRY AND TRADE INC.
- YAKUPOĞLU A.Ş. (YDS)
- HAVELSAN

### **MANUFACTURING**

- ME-GE TEKNİK
- ASSAV
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- İLERİ GROUP
- HIDROAN
- HEMA ENDÜSTRİ
- TUALCOM ELEKTRONİK A.Ş.
- BEST GRUP
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- TRANSVARO
- TEİ

- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- YILMAZ MAKİNA
- OSSA
- YAKUPOĞLU A.Ş. (YDS)
- ESEN
- MESAN Inc.
- ASSAN ELEKTRONİK

### **MAPPING SYSTEMS**

- infoTRON
- TÜBİTAK BİLGEM
- ANOVA
- BİTES
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- OSSA
- HAVELSAN
- ESEN
- TSSK
- STM

### **MESSAGE HANDLING SYSTEMS**

- PAVOTEX
- TÜBİTAK BİLGEM
- İCTERRA
- BİTES
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- AKGÜN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- SDT
- HAVELSAN
- ESEN
- TSSK
- STM

### **METAL COATING / HEAT TREATMENT**

- TÜBİTAK SAGE
- İLERİ GROUP
- ALP AVIATION
- TEİ
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)

### **METAL FORMING**

- ASSAV
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.

- ILERI GROUP
- HIDROAN
- ALP AVIATION
- TEI
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)

### **MINE CLEARANCE SYSTEMS**

- ALTAY
- NUROL MAKİNA
- TÜBİTAK BİLGEM
- OTOKAR
- ALTINAY Defence Technologies
- BEST GRUP
- ELEKTROLAND DEFENCE
- FNSS Savunma Sistemleri A.Ş.
- YILMAZ MAKİNA
- OSSA
- MKEK
- HAVELSAN
- TSSK

### **MINE COUNTERMEASURES SYSTEMS**

- NUROL MAKİNA
- TÜBİTAK BİLGEM
- ALTINAY Defence Technologies
- ASELSAN
- METEKSAN DEFENCE
- FNSS Savunma Sistemleri A.Ş.
- MESAN Inc.

### **MINES**

- TURMAKS
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- MKEK
- MESAN Inc.

### **MISSILE MANUFACTURERS AND SUBSYSTEMS**

- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- ROKETSAN
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- MKEK
- DELTA ELECTRONICS
- TSSK

### **NETWORK ENABLED CAPABILITY**

- ARGELA

- PAVOTEK
- TÜBİTAK BİLGEM
- ONUR Mühendislik A.Ş.
- ICTERRA
- SİMSOFT
- BİTES
- MİLSOFT
- ASELSAN
- AKGÜN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- METEKSAN DEFENCE
- HAVELSAN
- ESEN
- STM

### **OPERATIONAL DATA**

- KRL
- CRYPTTECH
- ESAC
- ICTERRA
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- AKGÜN
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- HAVELSAN
- ESEN

### **OPTICAL / TERMOSET ACASTICS PLASTICS**

- BARTEZ
- CANOVATE
- TÜBİTAK BİLGEM
- ASELSAN
- TRANSVARO
- ASELSAN SIVAS
- FOTONIKS
- ESEN

### **PRECISION MACHINED PARTS**

- ASSAV
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)

### **RADAR SYSTEMS: AEROSPACE**

- ALTAY
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.

- ISISO
- TUALCOM ELEKTRONİK A.Ş.
- ASELSAN
- TRANSVARO
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TÜBİTAK
- METEKSAN DEFENCE
- SDT
- HAVELSAN
- ESEN
- DELTA ELECTRONICS
- TSSK

### **RADAR SYSTEMS: LAND**

- RST
- CANOVATE
- TÜBİTAK BİLGEM
- TUALCOM ELEKTRONİK A.Ş.
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- ASELSAN
- TRANSVARO
- METEKSAN DEFENCE
- HAVELSAN
- ESEN
- DELTA ELECTRONICS
- TSSK
- STM

### **RADIO COMMUNICATION - SEE COMMUNICATION**

- ALTAY
- PROFEN
- SAVRONİK
- DESİ
- PAVOTEK
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- NETA ELEKTRONİK
- TUALCOM ELEKTRONİK A.Ş.
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- TÜBİTAK
- ESEN
- TSSK
- ATEL

### **REMOTE CONTROL**

- NERO INDUSTRIES
- PAVOTEK
- CANOVATE
- TÜBİTAK BİLGEM
- OTOKAR
- ALTINAY Defence Technologies
- BEST GRUP
- KATMERCİLER
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- FİGES
- SDT
- OSSA
- MENSAN
- ESEN

### **REMOTE CONTROL: AIRCRAFT - SEE ALSO UAV SYSTEMS**

- ALTOY
- ALTINAY Defence Technologies
- NETA ELEKTRONİK
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- VESTEL DEFENCE INDUSTRY
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- HAVELSAN
- ESEN
- DELTA ELECTRONICS
- TSSK

### **REMOTE CONTROL: BOATS, ROVS**

- ALTAY
- TÜBİTAK MAM
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- HAVELSAN
- TSSK

### **REMOTE CONTROL: UNMANNED UNDERWATER VEHICLES (UMVS)**

- RST
- NETA ELEKTRONİK
- ASELSAN

- HAVELSAN
- DELTA ELECTRONICS
- TSSK

### **REMOTE CONTROL: VEHICLES**

- PAVOTEK
- NUROL MAKİNA
- OTOKAR
- ALTINAY Defence Technologies
- HIDROAN
- BEST GRUP
- TÜBİTAK MAM
- KATMERCİLER
- ASELSAN
- ELEKTROLAND DEFENCE
- FİGES
- FNSS Savunma Sistemleri A.Ş.
- SDT
- ESEN
- TSSK

### **RF JAMMER SYSTEMS**

- NETA ELEKTRONİK
- TUAL.COM ELEKTRONİK A.Ş.
- ASELSAN
- TRANSVARO
- SDT
- ESEN
- TSSK
- ATEL

### **SAR**

- GRUP IMPEKS
- RST
- TÜBİTAK BİLGEM
- TUAL.COM ELEKTRONİK A.Ş.
- ASELSAN
- METEKSAN DEFENCE
- SDT
- ESEN
- TSSK

### **SATELLITE**

- ARGELA
- PROFEN
- VARZENE
- TURKISH AEROSPACE

- C Tech Information Technologies Inc.
- ASELSAN
- SDT
- OSSA
- ESEN
- DELTA ELECTRONICS
- TSSK
- STM

### **SECURITY**

- GRUP IMPEKS
- ARGELA
- PROFEN
- CRYPTTECH
- DEŞİ
- ESAC
- infoTRON
- BARTEZ
- PAVOTEK
- SAYTEC
- NUROL TEKNOLOJİ
- C Tech Information Technologies Inc.
- ICTERRA
- TÜBİTAK MAM
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- MİLSOFT
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- TRANSVARO
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TÜBİTAK
- ELEKTROLAND DEFENCE
- ASELSAN SİVAS
- NORM TECHNOLOGIES
- PAPİLON
- ESEN
- TSSK

### **SHIPBUILDING - SEE ALSO WARSHIPS**

- DEARSAN
- ARES SHIPYARD
- ALTEK
- VARZENE
- İSTANBUL SHIPYARD
- ANADOLU SHIPYARD
- RİM K MARINE

- DESAN SHIPYARD
- STM

### **SIMULATOR**

- AMEGA
- ALTAY
- infoTRON
- CANOVATE
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- SIMSOFT
- BİTES
- MİLSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- AKGÜN
- CEY SAVUNMA
- TÜBİTAK
- METEKSAN DEFENCE
- FNSS Savunma Sistemleri A.Ş.
- SDT
- HAVELSAN
- DELTA ELECTRONICS
- TSSK

### **SIMULATOR: AIR COMBAT**

- AMEGA
- infoTRON
- TÜBİTAK BİLGEM
- TÜBİTAK SAGE
- C Tech Information Technologies Inc.
- SIMSOFT
- BİTES
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- SDT
- HAVELSAN
- DELTA ELECTRONICS
- TSSK

### **SIMULATOR: AIR DEFENCE**

- ALTAY
- infoTRON
- TÜBİTAK BİLGEM
- GÖKSER R&D
- C Tech Information Technologies Inc.
- SIMSOFT
- BİTES
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA

- SDT
- HAVELSAN
- DELTA ELECTRONICS
- TSSK

### **SIMULATOR: AIR TRAFFIC CONTROL**

- ALTAY
- infoTRON
- TÜBİTAK BİLGEM
- ANOVA
- SIMSOFT
- BİTES
- AYESAŞ
- HAVELSAN
- ESEN
- TSSK

### **SIMULATOR: DRIVING**

- AMEGA
- infoTRON
- GÖKSER R&D
- SIMSOFT
- HAVELSAN
- TSSK

### **SIMULATOR: FLIGHT CONTROL**

- ALTAY
- infoTRON
- TÜBİTAK BİLGEM
- SIMSOFT
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- AYESAŞ
- ESEN
- DELTA ELECTRONICS
- TSSK

### **SIMULATOR: GUNFIRE**

- SAVRONİK
- infoTRON
- TÜBİTAK BİLGEM
- SIMSOFT
- BİTES
- SDT
- HAVELSAN

### **SIMULATOR: INFANTRY**

- ETA
- infoTRON
- SİMSOFT
- HAVELSAN

### **SIMULATOR: MAINTENANCE**

- AMEGA
- ALTAY
- infoTRON
- SİMSOFT
- BİTES
- HAVELSAN
- TSSK

### **SIMULATOR: MINEFIELD / MINE CLEARANCE**

- ALTAY
- SİMSOFT
- MESAN Inc.

### **SIMULATOR: OPERATIONAL**

- AMEGA
- ALTAY
- SAVRONİK
- infoTRON
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- SİMSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- CEY SAVUNMA
- SDT
- HAVELSAN
- TSSK

### **SIMULATOR: RADAR**

- ETA
- ALTAY
- infoTRON
- RST
- TÜBİTAK BİLGEM
- ANOVA
- C Tech Information Technologies Inc.
- SİMSOFT
- TUALCOM ELEKTRONİK A.Ş.
- CEY SAVUNMA
- METEKSAN DEFENCE
- HAVELSAN
- ESEN

- TSSK

### **SIMULATOR: SHIP MODELLING**

- ALTAY
- infoTRON
- SİMSOFT

### **SIMULATOR: SHIP PROPULSION MACHINERY**

- ALTAY
- TÜBİTAK BİLGEM
- SİMSOFT

### **SIMULATOR: TRAINING SONAR**

- ETA
- ALTAY
- infoTRON
- TÜBİTAK BİLGEM
- SİMSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.

### **SMART CITY**

- SİMSOFT
- ASELSAN
- HAVELSAN
- ESEN

### **SURVEILLANCE**

- PROFEN
- PAVOTEK
- CANOVATE
- ALTOY
- OTOKAR
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- MİLSOFT
- ASELSAN
- TRANSVARO
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- ASELSAN SİVAS
- PAPİLON
- AYESAŞ
- HAVELSAN
- ESEN
- TSSK
- STM



## **SURVEILLANCE: AEROSPACE**

- PROFEN
- TURKISH AEROSPACE
- ANOVA
- ALTINAY Defence Technologies
- MILSOFT
- ASELSAN
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- PAPİLON
- HAVELSAN
- ESEN
- TSSK

## **SURVEILLANCE: LAND BASED**

- PROFEN
- SAVRONİK
- BARTEZ
- CANOVATE
- ALTOY
- TÜBİTAK BİLGEM
- OTOKAR
- ALTINAY Defence Technologies
- BİTES
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- MILSOFT
- ASELSAN
- TRANSVARO
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- FİGES
- FNSS Savunma Sistemleri A.Ş.
- PAPİLON
- AYESAŞ
- HAVELSAN
- ESEN
- TSSK

## **SURVEILLANCE: MARITIME**

- AYYAZILIM
- ALTAY
- PROFEN
- ALTOY
- TÜBİTAK BİLGEM
- MILSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.

- ASELSAN
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- PAPİLON
- AYESAŞ
- HAVELSAN
- ESEN
- TSSK
- YALTES

## **SURVEILLANCE: SECURITY**

- GRUP İMPEKS
- PROFEN
- PAVOTEK
- CANOVATE
- ALTOY
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- MILSOFT
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- TRANSVARO
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- PAPİLON
- HAVELSAN
- ESEN
- TSSK

## **SURVEILLANCE: SHIP BORNE**

- PROFEN
- TÜBİTAK BİLGEM
- SİMSOFT
- MILSOFT
- ASELSAN
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- PAPİLON
- ESEN
- TSSK

## **TACTICAL INFORMATION**

- ALTAY
- PROFEN
- BARTEZ

- ALTOY
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- SİMSOFT
- BİTES
- BEST GRUP
- MILSOFT
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- HAVELSAN
- ESEN
- TSSK

### **TANK MANUFACTURE - SEE ALSO VEHICLES**

- MATEŞ
- BARTEZ
- MAKTEL
- VARZENE
- AKKAR
- OTOKAR
- FNSS Savunma Sistemleri A.Ş.
- YILMAZ MAKİNA

### **TANK SYSTEMS MANUFACTURE**

- VARZENE
- NUROL MAKİNA
- ANOVA
- AKKAR
- ILERI GROUP
- OTOKAR
- FNSS Savunma Sistemleri A.Ş.
- YILMAZ MAKİNA

### **TEST EQUIPMENT**

- ETA
- ESAC
- infoTRON
- M-D2
- VARZENE
- AKANA
- ME-GE TEKNİK
- ANOVA
- AKKAR
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- GÖKSER R&D
- ALTINAY Defence Technologies

- SPARK
- ICTERRA
- ISISO
- SİMSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- TEI
- FİGES
- ARTRON
- OSSA
- AYESAŞ
- ESEN
- DELTA ELECTRONICS
- TSSK
- ASSAN ELEKTRONİK

### **TRACKED VEHICLE SYSTEMS**

- BARTEZ
- ILERI GROUP
- OTOKAR
- HIDROAN
- BEST GRUP
- FNSS Savunma Sistemleri A.Ş.
- YILMAZ MAKİNA
- HST AUTOMOTIVE MANUFACTURING INDUSTRY AND TRADE INC.
- ESEN

### **UAV SYSTEMS**

- PROFEN
- SAVRONİK
- PAVOTEK
- CANOVATE
- TURKISH AEROSPACE
- ALTOY
- İŞBİR
- AKKAR
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- ALTINAY Defence Technologies
- C Tech Information Technologies Inc.
- MILSOFT
- TEI
- VESTEL DEFENCE INDUSTRY
- HAVACILIK ve UZAY KÜMELENİMESİ DERNEĞİ (HUKD)
- ARTRON
- AYESAŞ
- ESEN

- DELTA ELECTRONICS
- STM

### **UNMANNED GROUND VEHICLES**

- BARTEZ
- NUROL MAKİNA
- ANOVA
- AKKAR
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- ALTINAY Defence Technologies
- C Tech Information Technologies Inc.
- HIDROAN
- BEST GRUP
- TÜBİTAK MAM
- MİLSOFT
- ASELSAN
- ELEKTROLAND DEFENCE
- FNSS Savunma Sistemleri A.Ş.
- YILMAZ MAKİNA
- ARTRON
- HAVELSAN
- TSSK

### **VEHICLE SYSTEMS INTEGRATION**

- NERO INDUSTRIES
- PROFEN
- ESAC
- M-D2
- BARTEZ
- PAVOTEK
- NUROL MAKİNA
- Pİ MAKİNA
- KOLUMAN
- İŞBİR
- ANOVA
- OTOKAR
- C Tech Information Technologies Inc.
- HIDROAN
- BEST GRUP
- MİLSOFT
- KATMERCİLER
- ROKETSAN
- ELEKTROLAND DEFENCE
- FİGES
- FNSS Savunma Sistemleri A.Ş.
- NORM TECHNOLOGIES
- AYESAŞ
- ESEN

### **VEHICLES MANUFACTURE**

- GÜRSAŞ
- TURMAKS
- ALTEK
- BARTEZ
- MAKTEL
- VARZENE
- NUROL MAKİNA
- Pİ MAKİNA
- NUROL TEKNOLOJİ
- İLERİ GROUP
- OTOKAR
- HEMA ENDÜSTRİ
- BEST GRUP
- KATMERCİLER
- FNSS Savunma Sistemleri A.Ş.
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- YILMAZ MAKİNA
- NORM TECHNOLOGIES
- BMC

### **VEHICLES: ARMoured, SPECIAL MILITARY, SECURITY**

- GRUP İMPEKS
- AYYAZILIM
- BARTEZ
- NUROL MAKİNA
- Pİ MAKİNA
- KOLUMAN
- NUROL TEKNOLOJİ
- İLERİ GROUP
- OTOKAR
- HIDROAN
- CES Advanced Composites & Defense Technologies
- BEST GRUP
- KATMERCİLER
- FNSS Savunma Sistemleri A.Ş.
- ASELSAN SİVAS
- YOL-BAK
- YILMAZ MAKİNA
- NORM TECHNOLOGIES
- BMC

### **VEHICLES: COMMERCIAL, LOGISTIC, GENERAL SERVICE**

#### **AN**

- ESAC
- KOYUNCU
- BARTEZ

- NUROL MAKİNA
- Pİ MAKİNA
- KOLUMAN
- NUROL TEKNOLOJİ
- OTOKAR
- HIDROAN
- KATMERCİLER
- FNSS Savunma Sistemleri A.Ş.
- NORM TECHNOLOGIES
- BMC

### **VEHICLES: ELECTRIC**

- SIEMENS
- PAVOTEK
- VARZENE
- NUROL MAKİNA
- OTOKAR
- BEST GRUP
- TÜBİTAK MAM
- KATMERCİLER
- ELEKTROLAND DEFENCE
- ARTRON
- TSSK

### **VEHICLES: SPECIAL PURPOSE, FIRE FIGHTING, AMBULANC**

- GRUP İMPEKS
- M-D2
- BARTEZ
- VARZENE
- NUROL MAKİNA
- Pİ MAKİNA
- OTOKAR
- HIDROAN
- BEST GRUP
- KATMERCİLER
- ELEKTROLAND DEFENCE
- FNSS Savunma Sistemleri A.Ş.
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- NORM TECHNOLOGIES
- ESEN

### **VEHICLES: TRACKED**

- BARTEZ
- VARZENE
- Pİ MAKİNA
- NUROL TEKNOLOJİ

- OTOKAR
- HEMA ENDÜSTRİ
- BEST GRUP
- KATMERCİLER
- ELEKTROLAND DEFENCE
- FNSS Savunma Sistemleri A.Ş.
- YILMAZ MAKİNA

### **WARSHIPS - SEE SHIP BUILDING AND BOAT BUILDING**

- DEARSAN
- ALTEK
- MAKTEL
- VARZENE
- İSTANBUL SHIPYARD
- İŞBİR
- ANADOLU SHIPYARD
- YONCA-ONUĞ JV
- FİGES
- RMK MARINE
- DESAN SHIPYARD
- TÜRK LOYDU



# COMPONENTS AND EQUIPMENTS

## **ABRASIVES**

- AKKAR
- BEST GRUP

## **AC/DC DRIVER / E. MOTOR**

- TÜBİTAK SAGE
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- FEMSAN ELECTRIC MOTORS
- TÜRK LOYDU
- TSSK

## **ACCELEROMETER**

- TÜBİTAK SAGE
- TSSK

## **AERIALS - SEE ALSO RADAR, COMMUNICATIONS**

- PROFEN
- TÜBİTAK BİLGEM
- PEGASUS SAVUNMA
- NETA ELEKTRONİK
- TRANSVARO
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- ESEN
- TSSK

## **AIRCRAFT**

- ALTEK
- MAKTEL
- SERPA
- PAVOTEK
- VARZENE
- TURKISH AEROSPACE
- ALTOY
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- GÖKSER R&D
- PEGASUS SAVUNMA
- ALTINAY Defence Technologies
- CES Advanced Composites & Defense Technologies
- ALP AVIATION
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- ARTRON
- ESEN
- TSSK

## **AIRCRAFT GROUND EQUIPMENT**

- MATEŞ
- MAKTEL
- ALTOY
- AKKAR
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- GÖKSER R&D
- PEGASUS SAVUNMA
- ALTINAY Defence Technologies
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- MENSAN
- KALE AERO
- ESEN
- TSSK

## **AIRCRAFT GROUND SUPPLY EQUIPMENT**

- MATEŞ
- MAKTEL
- ALTOY
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- ILERI GROUP
- GÖKSER R&D
- PEGASUS SAVUNMA
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- MENSAN
- TSSK

## **AIRCRAFT: ARMAMENTS AND EQUIPMENT**

- SAMSUN YURT SAVUNMA
- ANOVA
- ASSAV
- TÜBİTAK SAGE
- GÖKSER R&D
- ALTINAY Defence Technologies
- MENSAN
- AYESAŞ
- DELTA ELECTRONICS

## **AIRCRAFT: EJECTION SYSTEMS**

- MAKTEL
- TÜBİTAK SAGE
- ALTINAY Defence Technologies
- ALP AVIATION
- DELTA ELECTRONICS

## **AIRCRAFT: ENGINES**

- MAK SAVUNIMA
- ESAC
- SERPA
- ALTOY
- AKKAR
- PEGASUS SAVUNIMA
- HEMA ENDÜSTRİ
- ALP AVIATION
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- TEI
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- TSSK

## **AIRCRAFT: INSTRUMENTS**

- GÜRSAŞ
- KAYALAR
- ALTOY
- TÜBİTAK BİLGEM
- COŞKUNÖZ SAVUNIMA VE HAVACILIK SAN.TİC.A.Ş.
- PEGASUS SAVUNIMA
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- ARTRON
- KALE AERO
- ESEN
- DELTA ELECTRONICS
- TSSK

## **AIRCRAFT: INTERIOR TRIM**

- KRL
- SERPA
- VARZENE
- ILERI GROUP
- GÖKSER R&D
- CES Advanced Composites & Defense Technologies
- TÜBİTAK MAM

## **AIRCRAFT: LANDING GEAR**

- AKKAR
- PEGASUS SAVUNIMA
- ALTINAY Defence Technologies
- HEMA ENDÜSTRİ
- ALP AVIATION
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- MES Makina Elektrik Kimya San.A.Ş.
- DELTA ELECTRONICS

## **AIRCRAFT: NAVIGATION**

- ESAC
- VARZENE
- ALTOY
- PEGASUS SAVUNIMA
- TUALCOM ELEKTRONİK A.Ş.
- ASELSAN
- ESEN
- DELTA ELECTRONICS
- TSSK
- STM

## **AIRCREW CLOTHING - SEE ALSO CLOTHING**

- GRUP IMPEKS
- AVS
- RAFF MILITARY TEXTILE
- YAKUPOĞLU A.Ş. (YDS)

## **ALLOYS - SEE ALSO METALS**

- MAK SAVUNIMA
- GÜRSAŞ
- SERPA
- ANOVA
- TÜBİTAK SAGE
- TÜBİTAK MAM
- ÜNİMETAL A.Ş.
- OSSA
- MES Makina Elektrik Kimya San.A.Ş.

## **ALTERNATORS - SEE ALSO GENERATORS**

- MAKEL
- MAKTEL
- İŞBİR
- ANOVA
- PEGASUS SAVUNIMA
- OSSA
- FEMSAN ELECTRIC MOTORS
- TÜRK LOYDU

## **ALUMINIUM MANUFACTURING**

- MAK SAVUNIMA
- GÜRSAŞ
- MATEŞ
- TUĞÇELİK
- ESAC
- ALTEK
- SAMSUN YURT SAVUNIMA



- SERPA
- VARZENE
- ANOVA
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- HEMA ENDÜSTRİ
- TÜBİTAK MAM
- ÜNİMETAL A.Ş.
- YILMAZ MAKİNA
- HST AUTOMOTIVE MANUFACTURING INDUSTRY AND TRADE INC.
- OSSA
- MES Makina Elektrik Kimya San.A.Ş.
- KALE AERO

### **ANTENNAE - SEE ALSO AERIALS**

- ETA
- TÜBİTAK BİLGEM
- TÜBİTAK SAGE
- ALTINAY Defence Technologies
- NETA ELEKTRONİK
- TUALCOM ELEKTRONİKA.Ş.
- ASELSAN
- METEKSAN DEFENCE
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- ESEN
- TSSK
- ATEL

### **ANTI-STATIC MATERIALS / ACCESSORIES**

- ÖZTEK TEXTILE
- VARZENE
- TÜBİTAK MAM

### **ARMOUR PLATE**

- GRUP IMPEKS
- AVS
- BARIŞ
- BARTEZ
- ÖZTEK TEXTILE
- VARZENE
- NUROL MAKİNA
- NUROL TEKNOLOJİ
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- CES Advanced Composites & Defense Technologies
- BEST GRUP
- TÜBİTAK MAM
- ROKETSAN
- NORM TECHNOLOGIES

### **ARMOURED GLASS**

- GRUP IMPEKS
- AVS
- BARTEZ
- VARZENE
- NUROL MAKİNA
- NUROL TEKNOLOJİ
- BEST GRUP
- TÜBİTAK MAM
- ARMASS GLASS (Ada Cam San. ve Tic. Ltd. Şti.)
- OSSA

### **ARMOURED PROTECTION COMPONENTS**

- GRUP IMPEKS
- AVS
- BARIŞ
- BARTEZ
- ÖZTEK TEXTILE
- NUROL MAKİNA
- NUROL TEKNOLOJİ
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- CES Advanced Composites & Defense Technologies
- BEST GRUP
- TÜBİTAK MAM
- KATMERCİLER
- YOL-BAK

### **AUTOPILOTS**

- TURKISH AEROSPACE
- ALTOY
- ALTINAY Defence Technologies
- VESTEL DEFENCE INDUSTRY
- ARTRON
- ESEN
- TSSK

### **AUXILIARY POWER SUPPLIES AND EQUIPMENTS**

- NERO INDUSTRIES
- KRL
- GRUP IMPEKS
- MAKEL
- ETA
- SIEMENS
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- PEGASUS SAVUNMA
- ALP AVIATION
- TÜBİTAK MAM

- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- VESTEL DEFENCE INDUSTRY
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- TSSK

## **AVIONICS**

- SAVRONİK
- ESAC
- PAVOTEK
- TURKISH AEROSPACE
- ALTOY
- TÜBİTAK BİLGEM
- ANOVA
- TÜBİTAK SAGE
- PEGASUS SAVUNMA
- ALTINAY Defence Technologies
- ISISO
- TUAL.COM ELEKTRONİK A.Ş.
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- VESTEL DEFENCE INDUSTRY
- FOTONIKS
- ARTRON
- SDT
- MENSAN
- AYESAŞ
- ESEN
- DELTA ELECTRONICS
- TSSK
- STM

## **BALLISTIC VESTS**

- AVS
- BARTEZ
- CANOVATE
- NUROL TEKNOLOJİ
- PEGASUS SAVUNMA
- NORM TECHNOLOGIES
- OSSA
- PAPILON

## **BALLISTICS HELMETS TEST SYSTEMS**

- GRUP IMPEKS
- AVS
- BARIŞ
- BARTEZ
- RAFF MILITARY TEXTILE
- CES Advanced Composites & Defense Technologies
- PAPILON

## **BATTERIES**

- GRUP IMPEKS
- SIEMENS
- RAFF MILITARY TEXTILE
- TÜBİTAK SAGE
- PEGASUS SAVUNMA
- ALTINAY Defence Technologies
- TÜBİTAK MAM
- ASPILSAN ENERGY
- TRANSVARO
- VESTEL DEFENCE INDUSTRY
- OSSA
- TÜRK LOYDU
- TSSK

## **BEARINGS**

- TİBET
- MAK SAVUNMA
- VARZENE
- AKKAR
- PEGASUS SAVUNMA

## **BINOCULARS, MONOCULARS**

- AVS
- CANOVATE
- PEGASUS SAVUNMA
- TÜBİTAK MAM
- ASELSAN
- TRANSVARO
- ÜNİMETAL A.Ş.
- ASELSAN SİVAS
- FOTONIKS

## **BOMB CARRIERS**

- ANOVA
- ALTINAY Defence Technologies
- YILMAZ MAKİNA

## **BOMB DISPOSAL EQUIPMENT**

- M-D2
- BARTEZ
- TÜBİTAK SAGE
- GÖKSER R&D
- ALTINAY Defence Technologies
- CES Advanced Composites & Defense Technologies
- EPSİLON-NDT ENDÜSTRİYEL KONTROL SİSTEMLERİ SAN. ve TİC. A.Ş.
- ROKETSAN
- ELEKTROLAND DEFENCE
- YILMAZ MAKİNA

### **BOMB DISPOSAL PROTECTION EQUIPMENT AND CLOTHING - SEE ALSO CLOTHING**

- AVS
- M-D2
- CES Advanced Composites & Defense Technologies
- EPSİLON-NDT ENDÜSTRİYEL KONTROL SİSTEMLERİ SAN. ve TİC. A.Ş.
- NORM TECHNOLOGIES

### **BOOTS AND SHOES - SEE ALSO FOOTWEAR, CLOTHING**

- AVS
- RAFF MILITARY TEXTILE
- VANEDA AYAKKABI
- NORM TECHNOLOGIES
- OSSA
- YAKUPOĞLU A.Ş. (YDS)

### **BRAKES**

- VARZENE
- ASSAV
- PEGASUS SAVUNMA
- HEMA ENDÜSTRİ
- ALP AVIATION

### **BRIDGING EQUIPMENT, MOBILE, PORTABLE**

- TÜRK LOYDU

### **BUILD-TO-PRINT ELECTRO/MECHANICAL EQUIPMENT**

- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- ALTINAY Defence Technologies
- ALP AVIATION
- TÜBİTAK MAM
- TTAF DEFENCE
- ELEKTROLAND DEFENCE
- AYESAŞ

- FEMSAN ELECTRIC MOTORS

### **BUOYS AND NAVIGATION MARKERS – SEE ALSO NAVIGATION EQUIPMENT**

- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.

### **CABLES**

- MAK SAVUNMA
- NERO INDUSTRIES
- GRUP IMPEKS
- ANOVA
- PEGASUS SAVUNMA
- BEST GRUP
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TTAF DEFENCE
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- SDT
- OSSA
- AYESAŞ
- TÜRK LOYDU

### **CABLES: ELECTRONIC**

- MAK SAVUNMA
- NERO INDUSTRIES
- GRUP IMPEKS
- PROFEN
- ESAC
- CANOVATE
- ME-GE TEKNİK
- ANOVA
- TÜBİTAK SAGE
- PEGASUS SAVUNMA
- BEST GRUP
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TTAF DEFENCE
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- SDT
- OSSA
- AYESAŞ
- TÜRK LOYDU
- TSSK
- ATEL

### **CABLES: HAWSERS / WIRE ROPES / HARNESS**

- MAK SAVUNIMA
- GRUP IMPEKS
- PEGASUS SAVUNIMA
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TTAF DEFENCE
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- TEKNOKAR SAVUNIMA ve HAVACILIK A.Ş.
- OSSA

### **CABLES: OPTICAL**

- GRUP IMPEKS
- PROFEN
- ÇANOVATE
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TTAF DEFENCE
- TEKNOKAR SAVUNIMA ve HAVACILIK A.Ş.
- SDT
- AYESAŞ
- TÜRK LOYDU
- TSSK

### **CALIBRATION DEVICES**

- infoTRON
- BARTEZ
- TÜBİTAK SAGE

### **CAMERAS**

- PROFEN
- SIEMENS
- ÇANOVATE
- BEST GRUP
- TÜBİTAK MAM
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- TRANSVARO
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- FOTONIKS
- ESEN
- TSSK

### **CARBON MANUFACTURE AND PRODUCTS**

- MAKEL
- BARIŞ
- ALTINAY Defence Technologies
- CES Advanced Composites & Defense Technologies
- TÜBİTAK MAM

- FİGES
- NORM TECHNOLOGIES

### **CASTINGS / POWDER METALLURGY**

- MAK SAVUNIMA
- GÜRSAŞ
- SERPA
- TÜBİTAK SAGE
- HEMA ENDÜSTRİ
- TÜBİTAK MAM
- TEI
- ÜNİMETAL A.Ş.
- FİGES
- OSSA

### **CBRN DETECTION/ PROTECTION EQUIPMENT**

- NERO INDUSTRIES
- GRUP IMPEKS
- MAKEL
- ÖZTEK TEXTİLE
- TÜBİTAK BİLGEM
- TÜBİTAK MAM
- EPSILON-NDT ENDÜSTRİYEL KONTROL SİSTEMLERİ SAN. ve TİC. A.Ş.
- ELEKTROLAND DEFENCE
- NORM TECHNOLOGIES
- OSSA
- MENSAN
- DYO
- TÜRK LOYDU

### **CBRN MATERIAL**

- TSSK

### **CERAMICS**

- TÜBİTAK SAGE
- BEST GRUP
- TÜBİTAK MAM

### **CHAFF/CHAFF DISPENSERS**

- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- MKEK

### **CLEANING EQUIPMENT**

### **CLOTH MANUFACTURERS**

- GRUP IMPEKS

- AVS
- ÖZTEK TEXTILE
- RAFF MILITARY TEXTILE
- NORM TECHNOLOGIES
- OSSA
- YAKUPOĞLU A.Ş. (YDS)

### **CLOTHING: BOOTS AND SHOES**

- GRUP İMPEKS
- AVS
- RAFF MILITARY TEXTILE
- VANEDA AYAKKABI
- OSSA
- YAKUPOĞLU A.Ş. (YDS)

### **CLOTHING: GOGGLES / MASK**

- GRUP İMPEKS
- AVS
- OSSA
- YAKUPOĞLU A.Ş. (YDS)

### **CODERS/ENCODERS**

- BEST GRUP

### **COMBAT ENGINEERING EQUIPMENT**

- GRUP İMPEKS
- ANOVA
- AYESAŞ
- YALTES

### **COMMUNICATION EQUIPMENT**

- GÜRSAŞ
- ARGELA
- ALTAY
- PROFEN
- SAVRONİK
- TÜBİTAK BİLGEM
- PEGASUS SAVUNMA
- ONUR Mühendislik A.Ş.
- TUAL.COM ELEKTRONİK A.Ş.
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- METEKSAN DEFENCE
- ARTRON
- AYESAŞ

- ESEN
- TÜRK LOYDU
- TSSK
- ATEL

### **COMPASSES**

### **COMPOSITE MATERIALS**

- GRUP İMPEKS
- RAYON
- infoTRON
- BARIŞ
- ALTOY
- ANOVA
- NURUL TEKNOLOJİ
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- ALTINAY Defence Technologies
- CES Advanced Composites & Defense Technologies
- BEST GRUP
- TÜBİTAK MAM
- FİGES
- VESTEL DEFENCE INDUSTRY
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- OSSA
- AYESAŞ
- DYO
- TÜRK LOYDU
- DELTA ELECTRONICS
- TSSK

### **COMPUTER COMPONENTS**

- PEGASUS SAVUNMA
- BEST GRUP
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- AKGÜN
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TSSK

### **COMPUTERS**

- BEST GRUP
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- AKGÜN
- VESTEL DEFENCE INDUSTRY
- ARTRON
- MENSAN

- ESEN
- DELTA ELECTRONICS
- TSSK
- ATEL

### **CONNECTORS**

- KRL
- SIEMENS
- ANOVA
- TÜBİTAK SAGE
- PEGASUS SAVUNMA
- BEST GRUP
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TTAF DEFENCE
- OSSA
- MES Makina Elektrik Kimya San.A.Ş.
- AYESAŞ
- TÜRK LOYDU

### **CONTAINER AND TRAILER TYPE**

- TURMAKS
- İŞBİR
- ÇOŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- ÖZTİRYAKİLER
- PAGETEL

### **CONTAINERS**

- GRUP IMPEKS
- TURMAKS
- KOYUNCU
- M-D2
- GÖKSER R&D
- ÖZTİRYAKİLER
- ANADOLU SHIPYARD
- PAGETEL

### **CONTROL PANELS**

- KRL
- GÜRSAŞ
- ETA
- SAVRONİK
- SIEMENS
- DESİ
- ANOVA
- OTOKAR
- PEGASUS SAVUNMA

- ALTINAY Defence Technologies
- HIDROAN
- NURUL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- LEONARDO TÜRKİYE HAVACILIK SAVUNMA VE GÜVENLİK SİSTEMLERİ A.Ş.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TTAF DEFENCE
- ELEKTROLAND DEFENCE
- ÜNİMETAL A.Ş.
- FİGES
- ARTRON
- SDT
- MENSAN
- ESEN
- TÜRK LOYDU
- TSSK
- ATEL

### **CONVERTERS**

- NERO INDUSTRIES
- GÜRSAŞ
- VARZENE
- ANOVA
- PEGASUS SAVUNMA
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- OSSA
- MENSAN
- TÜRK LOYDU

### **COOKERS - SEE ALSO FIELD KITCHENS**

- ÖZTİRYAKİLER

### **COOLERS**

- NERO INDUSTRIES
- GRUP IMPEKS
- CANOVATE
- ANOVA
- GÖKSER R&D
- ISISO
- OSSA
- TSSK

### **CORROSION INHIBITION/TREATMENT**

- ÖZTEK TEXTİLE
- VARZENE

- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- ALP AVIATION
- TÜBİTAK MAM
- DYO
- TSSK

### **COUNTERMEASURES EQUIPMENT**

- RST
- TÜBİTAK BİLGEM
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- ESEN
- DELTA ELECTRONICS

### **CRYOGENIC EQUIPMENT**

- VARZENE
- ALTOY
- PEGASUS SAVUNMA
- MENSAN

### **DECOMPRESSION CHAMBERS**

### **DECONTAMINATION EQUIPMENT**

- GRUP İMPEKS
- M-D2
- NORM TECHNOLOGIES

### **DEMOLITION EQUIPMENT**

- M-D2
- ALTINAY Defence Technologies

### **DIESEL ENGINES**

- GRUP İMPEKS
- MTU
- HEMA ENDÜSTRİ
- TÜBİTAK MAM
- TEJ
- OSSA
- TÜRK LOYDU

### **DIGITAL RECEIVERS**

- PROFEN
- TÜBİTAK BİLGEM
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.

- METEKSAN DEFENCE
- ESEN
- TSSK

### **DIRECTION FINDERS**

- TÜBİTAK BİLGEM
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- METEKSAN DEFENCE
- ESEN
- DELTA ELECTRONICS
- TSSK

### **DISPLAYS**

- GÜRSAŞ
- ALTAY
- SIEMENS
- infoTRON
- OTOKAR
- TÜBİTAK MAM
- ASELSAN
- AKGÜN
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- MENSAN
- DELTA ELECTRONICS
- TSSK

### **DISPLAYS: FLAT İPANEL/GRAPHIC**

- infoTRON
- OTOKAR
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- HAVELSAN
- ESEN

### **DISPLAYS: HEAD UP/HELMET MOUNTED**

- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- ASELSAN
- FOTONİKS
- HAVELSAN

### **DISPLAYS: MOVING MAP/TERRAIN/GIS**

- ALTAY
- SİMSOFT
- BİTES
- AYESAŞ

- HAVELSAN
- ESEN
- STM

### **DISPLAYS: PLASMA/F CRT, DIGITAL**

- infoTRON
- TÜBİTAK MAM
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- AKGÜN
- TSSK

### **DISTANCE MEASURING EQUIPMENT**

- FOTONİKS
- ESEN
- DELTA ELECTRONICS
- TSSK

### **DRIVE SIMULATORS**

- SIEMENS
- infoTRON
- TÜBİTAK BİLGEM
- ALTINAY Defence Technologies
- SİMSOFT
- BİTES

### **EJECTOR SEAT**

- TÜBİTAK SAGE
- ALP AVIATION
- DELTA ELECTRONICS

### **ELECTRIC MOTORS (AC/DC)**

- GRUP IMPEKS
- SIEMENS
- MAKTEL
- ALTOY
- ANOVA
- PEGASUS SAVUNMA
- TÜBİTAK MAM
- ASELSAN
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- FİGES
- OSSA
- FEMSAN ELECTRIC MOTORS
- TÜRK LOYDU
- TSSK

### **ELECTRIC POWER CABLES**

- GRUP IMPEKS
- SAVRONİK
- PEGASUS SAVUNMA
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TTAF DEFENCE
- OSSA
- TÜRK LOYDU

### **ELECTRIC POWER SUPPLY EQUIPMENT**

- GRUP IMPEKS
- SAVRONİK
- SIEMENS
- CANOVATE
- TÜBİTAK BİLGEM
- ME-GE TEKNİK
- PEGASUS SAVUNMA
- TÜBİTAK MAM
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- OSSA
- MENSAN
- TÜRK LOYDU
- TSSK

### **ELECTRICAL COMPONENTS**

- KRL
- GRUP IMPEKS
- SAVRONİK
- SIEMENS
- MAKTEL
- ANOVA
- PEGASUS SAVUNMA
- ALTINAY Defence Technologies
- BEST GRUP
- TÜBİTAK MAM
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TTAF DEFENCE
- METEKSAN DEFENCE
- OSSA
- AYESAŞ
- TÜRK LOYDU



- TSSK
- ATEL

### **ELECTRO OPTICAL EQUIPMENT AND ENGINEERING**

- GRUP IMPEKS
- SIEMENS
- RST
- CANOVATE
- TÜBİTAK BİLGEM
- TÜBİTAK SAGE
- OTOKAR
- PEGASUS SAVUNMA
- ALTINAY Defence Technologies
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- TRANSVARO
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- FİGES
- FOTONIKS
- PAPILON
- AYESAŞ
- ESEN
- TÜRK LOYDU
- DELTA ELECTRONICS
- TSSK

### **ELECTROMAGNETIC SHIELDING / PROTECTION EQUIPMENT / TESTING**

- SIEMENS
- OTOKAR
- TÜBİTAK MAM
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- ESEN
- TÜRK LOYDU
- TSSK
- ATEL

### **ELECTRONIC**

- GRUP IMPEKS
- ETA
- SIEMENS
- DESİ
- ESAC
- CANOVATE
- ANOVA

- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN. TİC. A.Ş.
- OTOKAR
- PEGASUS SAVUNMA
- ALTINAY Defence Technologies
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- FOTONIKS
- ARTRON
- OSSA
- MENSAN
- AYESAŞ
- ESEN
- TÜRK LOYDU
- TSSK
- ASSAN ELEKTRONİK
- ATEL

### **ELECTRONIC: COUNTERMEASURES EQUIPMENT**

- GRUP IMPEKS
- RST
- TÜBİTAK BİLGEM
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- ESEN
- DELTA ELECTRONICS
- TSSK
- ATEL

### **ELECTRONIC: POWER SUPPLIES**

- ETA
- SIEMENS
- TÜBİTAK BİLGEM
- ME-GE TEKNİK
- İŞBİR
- PEGASUS SAVUNMA
- ALTINAY Defence Technologies
- TÜBİTAK MAM
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- OSSA
- MENSAN
- FEMSAN ELECTRIC MOTORS

- ESEN
- TÜRK LOYDU
- TSSK

### **ELECTRONIC: RIGID & FLEXIBLE PRINTED CIRCUIT BOARD**

- GRUP IMPEKS
- TÜBİTAK BİLGEM
- TÜBİTAK SAGE
- PEGASUS SAVUNMA
- ALTINAY Defence Technologies
- METEKSAN DEFENCE
- ESEN
- TSSK
- ASSAN ELEKTRONİK
- ATEL

### **ELECTRONIC: TEST EQUIPMENT**

- GRUP IMPEKS
- ETA
- SIEMENS
- TÜBİTAK BİLGEM
- ME-GE TEKNİK
- ANOVA
- TÜBİTAK SAGE
- OTOKAR
- GÖKSER R&D
- ALTINAY Defence Technologies
- SPARK
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GÜVENLİK SİSTEMLERİ A.Ş.
- FİGES
- ARTRON
- SDT
- OSSA
- AYESAŞ
- ESEN
- DELTA ELECTRONICS
- TSSK
- ASSAN ELEKTRONİK

### **EXPLOSIVE: ORDNANCE DISPOSAL**

- AKANA
- ALTINAY Defence Technologies
- ROKETSAN
- ELEKTROLAND DEFENCE

- MENSAN

### **EXPLOSIVES**

- TURAC
- ALTINAY Defence Technologies
- TÜBİTAK MAM
- ROKETSAN
- MIKEK

### **FASTENERS**

- AVS
- ALP AVIATION
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)

### **FIBRE OPTICS EQUIPMENT**

- GÜRSAŞ
- GRUP IMPEKS
- PROFEN
- SIEMENS
- CANOVATE
- TÜBİTAK BİLGEM
- TTAFF DEFENCE
- METEKSAN DEFENCE
- ESEN
- TSSK

### **FIELD KITCHEN EQUIPMENT**

#### **FILTERS**

- GRUP IMPEKS
- MATEŞ
- MAKEL
- ÖZTEK TEXTİLE
- TÜBİTAK BİLGEM
- ALTINAY Defence Technologies
- TUALCOM ELEKTRONİK A.Ş.
- NORM TECHNOLOGIES
- MES Makina Elektrik Kimya San.A.Ş.

#### **FLARES**

- MIKEK

#### **FLIGHT CLOTHING**

- GRUP IMPEKS
- AVS
- ÖZTEK TEXTİLE

- RAFF MILITARY TEXTILE
- YAKUPOĞLU A.Ş. (YDS)

### **FUSES**

- ALTAY
- SIEMENS
- ASSAV
- TÜBİTAK SAGE
- ARTRON
- MENSAN
- MKEK

### **GAS MASKS**

- RAFF MILITARY TEXTILE
- NORM TECHNOLOGIES
- OSSA
- MKEK

### **GAS TURBINE ENGINES AND ACCESSORIES**

- GRUP IMPEKS
- SIEMENS
- SERPA
- VARZENE
- ANOVA
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TEI
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)

### **GAUGES**

- GRUP IMPEKS
- SAMSUN YURT SAVUNMA
- ESEN
- TSSK

### **GEARBOXES AND GEARING**

- GRUP IMPEKS
- SIEMENS
- VARZENE
- ANOVA
- AKKAR
- PEGASUS SAVUNMA
- ALTINAY Defence Technologies
- HEMA ENDÜSTRİ
- ALP AVIATION
- YILMAZ MAKİNA
- HST AUTOMOTIVE MANUFACTURING INDUSTRY AND TRADE INC.
- OSSA

- FEMSAN ELECTRIC MOTORS

### **GENERATORS**

- GRUP IMPEKS
- MAKEL
- MTU
- SIEMENS
- İŞBİR
- GÖKSER R&D
- TÜBİTAK MAM
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- OSSA
- FEMSAN ELECTRIC MOTORS
- TÜRK LOYDU

### **GLASS**

- BARTEZ
- TÜBİTAK MAM
- ARIMASS GLASS (Ada Cam San. ve Tic. Ltd. Şti.)
- OSSA

### **GLOBAL POSITIONING SYSTEM (GPS) EQUIPMENTS**

- PROFEN
- HAVELSAN
- ESEN
- DELTA ELECTRONICS
- TSSK

### **GUIDED WEAPON SYSTEMS EQUIPMENT**

- TÜBİTAK BİLGEM
- ANOVA
- AKKAR
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- PEGASUS SAVUNMA
- ALTINAY Defence Technologies
- REPKON
- ASELSAN
- TRANSVARO
- ROKETSAN
- METEKSAN DEFENCE
- FIGES
- YILMAZ MAKİNA
- ARTRON
- MENSAN
- FEMSAN ELECTRIC MOTORS

- ESEN
- TSSK

### **GUN BARRELS**

- GİRSAN
- İSTANBUL SİLAH
- SAMSUN YURT SAVUNMA
- AKKAR
- PEGASUS SAVUNMA
- REPKON
- KALEKALIP
- MES Makina Elektrik Kimya San.A.Ş.
- MKEK
- TSSK

### **GUNS AND GUN EQUIPMENT**

- GİRSAN
- İSTANBUL SİLAH
- SAMSUN YURT SAVUNMA
- SERPA
- ANOVA
- AKKAR
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- PEGASUS SAVUNMA
- GÜVENLİ YAŞAM
- BEST GRUP
- ÜNİMETAL A.Ş.
- YILMAZ MAKİNA
- OSSA
- ATA ARMS
- KALEKALIP
- MES Makina Elektrik Kimya San.A.Ş.
- MKEK
- TSSK

### **GYROSCOPES**

- ETA
- ANOVA
- TÜBİTAK SAGE
- PEGASUS SAVUNMA
- ASELSAN
- TÜRK LOYDU
- DELTA ELECTRONICS
- TSSK

### **HARNES**

- NERO INDUSTRIES

- ME-GE TEKNİK
- ANOVA
- PEGASUS SAVUNMA
- ALTINAY Defence Technologies
- BEST GRUP
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- ASELSAN
- TTAFF DEFENCE
- HAVACILIK ve UZAY KÜMELENİMESİ DERNEĞİ (HUKD)
- SDT
- OSSA
- AYESAŞ

### **HEAD UP DISPLAYS**

- infoTRON
- ANOVA
- ASELSAN
- FOTONİKS
- DELTA ELECTRONICS
- TSSK

### **HEADPHONES/HEADSETS**

- PEGASUS SAVUNMA
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.

### **HELICOPTER SUPPORT EQUIPMENT**

- MATEŞ
- SAMSUN YURT SAVUNMA
- TÜBİTAK BİLGEM
- AKKAR
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- GÖKSER R&D
- ALTINAY Defence Technologies
- HEMA ENDÜSTRİ
- ALP AVIATION
- OSSA
- ESEN
- TSSK

### **HELMETS**

- GRUP IMPEKS
- AVS
- BARIŞ
- RAFF MILITARY TEXTILE
- NUROL TEKNOLOJİ
- GÜVENLİ YAŞAM

- CES Advanced Composites & Defense Technologies
- OSSA
- DELTA ELECTRONICS

### **HOSES AND HOSE ASSEMBLIES**

- GRUP IMPEKS
- MATEŞ
- ANOVA
- GÖKSER R&D
- PEGASUS SAVUNMA

### **HOVERCRAFT**

- YILMAZ MAKİNA

### **IGNITER / IGNITION DEVICE**

- EPŞİLON-NDT ENDÜSTRİYEL KONTROL SİSTEMLERİ SAN. ve TİC. A.Ş.

### **IIR / SENSOR / SEEKER**

- TÜBİTAK SAGE
- TRANSVARO
- ESEN

### **ILLUMINATION EQUIPMENT**

- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- MKEK
- ESEN
- TÜRK LOYDU

### **IMAGE PROCESSING EQUIPMENT**

- SIEMENS
- infoTRON
- CANOVATE
- TÜBİTAK BİLGEM
- ANOVA
- BEST GRUP
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- FOTONIKS
- SDT
- PAPİLON
- ESEN
- TSSK

### **IND (INTERNAL NAVIGATION DEVICE)**

- TÜRK LOYDU

### **INFANTRY TRAINING EQUIPMENT**

- ETA
- DEŞİ
- MENSAN
- TSSK

### **INTERCOMMUNICATION EQUIPMENT**

- KRL
- TÜBİTAK BİLGEM
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TÜRK LOYDU
- TSSK
- ATEL

### **LAMPS**

- SIEMENS
- PEGASUS SAVUNMA
- OSSA
- TÜRK LOYDU

### **LASER COMPONENTS AND EQUIPMENT**

- TÜBİTAK BİLGEM
- TÜBİTAK SAGE
- BEST GRUP
- TRANSVARO
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- DELTA ELECTRONICS
- TSSK

### **LEATHER AND LEATHER PRODUCTS**

- GRUP IMPEKS
- AVŞ
- RAFF MILITARY TEXTILE
- GÜVENLİ YAŞAM
- YAKUPOĞLU A.Ş. (YDS)

### **LUBRICANTS AND LUBRICATION EQUIPMENT**

- ANOVA

- KOÇAK PETROL ÜRÜNLERİ SAN. ve TİC. LTD. ŞTİ.

### **MAGAZINES, AMMUNITION**

- İSTANBUL SİLAH
- PEGASUS SAVUNMA
- MKEK

### **MAPPING EQUIPMENT**

- OSSA
- ESEN
- TSSK

### **MARITIME RECONNAISSANCE EQUIPMENT**

- TÜBİTAK BİLGEM
- ASELSAN
- METEKSAN DEFENCE
- VESTEL DEFENCE INDUSTRY
- AYESAŞ
- HAVELSAN
- ESEN
- TSSK

### **MECHANICAL ENGINEERING EQUIPMENT**

- KRL
- GÜRSAŞ
- GRUP IMPEKS
- SIEMENS
- ESAC
- infoTRON
- SAMSUN YURT SAVUNMA
- SERPA
- AKANA
- ANOVA
- AKKAR
- TÜBİTAK SAGE
- ALTINAY Defence Technologies
- HIDROAN
- HEMA ENDÜSTRİ
- REPKON
- BEST GRUP
- TEI
- ÜNİMETAL A.Ş.
- FİGES
- ASELSAN SİVAS
- YILMAZ MAKİNA
- AYESAŞ
- ESEN

- TSSK

### **MEDICAL EQUIPMENT**

- GRUP IMPEKS
- TURMAKS
- SIEMENS
- RAFF MILITARY TEXTILE
- SERPA
- VARZENE
- TÜBİTAK MAM
- ASELSAN
- FİGES
- OSSA
- MES Makina Elektrik Kimya San.A.Ş.

### **METAL/MINE DETECTORS**

- GRUP IMPEKS
- ALTAY
- TÜBİTAK BİLGEM
- MESAN Inc.
- TSSK

### **METALS**

- KRL
- GÜRSAŞ
- TUĞÇELİK
- PUNTEL
- VARZENE
- ANOVA
- AKKAR
- TÜBİTAK SAGE
- ILERİ GROUP
- ALTINAY Defence Technologies
- REPKON
- TÜBİTAK MAM
- ÜNİMETAL A.Ş.
- MES Makina Elektrik Kimya San.A.Ş.

### **METEOROLOGICAL EQUIPMENT**

- RST
- ESEN

### **MICROPROCESSORS**

- TÜBİTAK SAGE
- PEGASUS SAVUNMA
- TSSK

## **MICROWAVE COMPONENTS**

- TÜBİTAK BİLGEM
- PEGASUS SAVUNMA
- NETA ELEKTRONİK
- TUALCOM ELEKTRONİK A.Ş.
- TÜBİTAK MAM
- ASELSAN
- METEKSAN DEFENCE
- ATEL

## **MINE CLEARANCE EQUIPMENT**

- ALTAY
- TÜBİTAK BİLGEM
- ALTINAY Defence Technologies
- BEST GRUP
- TÜBİTAK MAM
- ELEKTROLAND DEFENCE
- OSSA
- MKEK
- MESAN Inc.
- TSSK

## **MINE DETECTORS**

- GRUP İMPEKS
- TÜBİTAK BİLGEM
- ALTINAY Defence Technologies
- MESAN Inc.
- TSSK

## **MINE WARFARE EQUIPMENT**

- ALTAY
- ALTINAY Defence Technologies
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.

## **MINEFIELD SIMULATORS**

- SİMSOFT
- CEY SAVUNMA
- MESAN Inc.

## **MORTARS AND MORTAR LOCATION EQUIPMENT**

- ASSAV
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- REPKON
- ASELSAN
- MKEK

## **MOTORS, ELECTRIC**

- SIEMENS
- ANOVA
- PEGASUS SAVUNMA
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- FEMSAN ELECTRIC MOTORS
- TÜRK LOYDU
- TSSK

## **MOULDINGS - RUBBER, GRP**

- VARZENE
- İLERİ GROUP
- TÜBİTAK MAM
- YILMAZ MAKİNA
- OSSA

## **NANOTECHNOLOGY**

- TURMAKS
- VARZENE
- NANOBİZ
- TÜBİTAK BİLGEM
- NUROL TEKNOLOJİ
- TÜBİTAK MAM
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- TSSK

## **NAVIGATION EQUIPMENT**

- ALTEK
- TÜBİTAK BİLGEM
- TÜBİTAK SAGE
- TUALCOM ELEKTRONİK A.Ş.
- ASELSAN
- ARTRON
- ESEN
- TÜRK LOYDU
- DELTA ELECTRONICS
- STM

## **NAVIGATION INSTRUMENTS AND COMPONENTS**

- GÜRSAŞ
- TÜBİTAK BİLGEM
- TÜBİTAK SAGE
- TUALCOM ELEKTRONİK A.Ş.
- ASELSAN
- ARTRON
- HAVELSAN
- ESEN
- TÜRK LOYDU

- DELTA ELECTRONICS
- YALTES

### **NIGHT SIGHTS**

- GRUP IMPEKS
- CANOVATE
- OTOKAR
- ASELSAN
- TRANSVARO
- FOTONIKS
- TSSK

### **OCEANOGRAPHIC SENSORS**

- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.

### **OPTICAL COMPONENTS**

- GRUP IMPEKS
- SIEMENS
- BARTEZ
- CANOVATE
- TÜBİTAK SAGE
- TÜBİTAK MAM
- TRANSVARO
- FİGES
- ASELSAN SİVAS
- FOTONIKS
- PAPIILON
- AYESAŞ
- ESEN
- TSSK

### **OPTICAL FIBRES**

- GRUP IMPEKS
- CANOVATE
- TÜBİTAK MAM
- AYESAŞ

### **PARACHUTES**

### **PERISCOPES**

- OTOKAR
- PEGASUS SAVUNMA
- ASELSAN
- TRANSVARO
- FOTONIKS

### **PISTOLS**

- TİSAŞ
- GİRSAN
- SAMSUN YURT SAVUNMA
- SERPA
- VARZENE
- AKKAR
- YILMAZ MAKİNA
- MES Makina Elektrik Kimya San.A.Ş.
- MIKEK

### **PLASTICS AND PLASTIC COATED COMPONENTS**

- GRUP IMPEKS
- ANOVA
- İLERİ GROUP
- ALTINAY Defence Technologies
- GÜVENLİ YAŞAM
- BEST GRUP
- NORM TECHNOLOGIES
- OSSA

### **PLUGS AND SOCKETS**

- GRUP IMPEKS
- ANOVA
- PEGASUS SAVUNMA

### **PRESSINGS**

- GRUP IMPEKS
- AKKAR
- İLERİ GROUP
- CES Advanced Composites & Defense Technologies
- OSSA
- MES Makina Elektrik Kimya San.A.Ş.

### **PRINTED CIRCUITS**

- GRUP IMPEKS
- ALTOY
- PEGASUS SAVUNMA
- TUALCOM ELEKTRONİK A.Ş.
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- AYESAŞ
- ESEN
- TSSK
- ATEL

### **PROPELLANTS**

- TÜBİTAK SAGE
- ROKETSAN



- MKEK

### **PROTECTIVE CLOTHING**

- GRUP IMPEKS
- RAYON
- ÖZTEK TEXTILE
- RAFF MILITARY TEXTILE
- GÜVENLİ YAŞAM
- CES Advanced Composites & Defense Technologies
- TÜBİTAK MAM
- NORM TECHNOLOGIES
- MENSAN
- MESAN Inc.

### **PYROTECHNICS AND COMPONENTS**

- TÜBİTAK SAGE
- ROKETSAN
- MKEK

### **RADAR COMPONENTS**

- ALTAY
- RST
- SERPA
- CANOVATE
- TÜBİTAK BİLGEM
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- PEGASUS SAVUNMA
- C Tech Information Technologies Inc.
- TUALCOM ELEKTRONİK A.Ş.
- ASELSAN
- TRANSVARO
- METEKSAN DEFENCE
- AYESAŞ
- ESEN
- TSSK

### **RADAR SIMULATORS**

- ETA
- infoTRON
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- SİMSOFT
- TUALCOM ELEKTRONİK A.Ş.
- CEY SAVUNMA
- METEKSAN DEFENCE
- SDT
- ESEN

- DELTA ELECTRONICS
- TSSK

### **RADIO COMMUNICATION EQUIPMENT**

- ARGELA
- PROFEN
- SAVRONİK
- SIEMENS
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- NETA ELEKTRONİK
- TUALCOM ELEKTRONİK A.Ş.
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- METEKSAN DEFENCE
- AYESAŞ
- ESEN
- TÜRK LOYDU
- ATEL

### **RADIO COMMUNICATION EQUIPMENT: AEROSPACE**

- ALTAY
- TÜBİTAK BİLGEM
- ONUR Mühendislik A.Ş.
- TUALCOM ELEKTRONİK A.Ş.
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- ESEN
- DELTA ELECTRONICS
- TSSK
- ATEL

### **RADIO COMMUNICATION EQUIPMENT: LAND AND COMMERCIAL**

- PROFEN
- SAVRONİK
- SIEMENS
- DESİ
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- NETA ELEKTRONİK

- TUALCOM ELEKTRONİK A.Ş.
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- TRANSVARO
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- AYESAŞ
- ESEN
- TÜRK LOYDU
- TSSK
- ATEL

### **RADIO COMMUNICATION EQUIPMENT: MARITIME**

- ARGELA
- SIEMENS
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- TUALCOM ELEKTRONİK A.Ş.
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- AYESAŞ
- ESEN
- TSSK
- ATEL

### **RADIO COMMUNICATION EQUIPMENT: MULTI-ROLE**

- ARGELA
- PROFEN
- SAVRONİK
- SIEMENS
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- NETA ELEKTRONİK
- TUALCOM ELEKTRONİK A.Ş.
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- AYESAŞ
- ESEN
- DELTA ELECTRONICS
- ATEL

### **RADIO FREQUENCY DISTRIBUTION EQUIPMENT**

- PROFEN
- PEGASUS SAVUNMA
- TUALCOM ELEKTRONİK A.Ş.
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- ESEN
- ATEL

### **RADIO FREQUENCY INTERFERENCE, SUPPRESSION, MONITORING EQUIPMENT**

- PROFEN
- TÜBİTAK BİLGEM
- PEGASUS SAVUNMA
- NETA ELEKTRONİK
- TUALCOM ELEKTRONİK A.Ş.
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- ESEN
- ATEL

### **RANGEFINDERS**

- AVS
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- TRANSVARO
- DELTA ELECTRONICS

### **RAW MATERIAL FOR COMPOSITE**

### **RECORDING EQUIPMENT**

- SIEMENS
- TÜBİTAK BİLGEM
- ONUR Mühendislik A.Ş.
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- ARTRON
- SDT
- MENSAN

### **REMOTE CONTROL VEHICLE EQUIPMENT**

- GRUP IMPEKS
- SIEMENS
- ALTOY
- TÜBİTAK BİLGEM
- ANOVA

- OTOKAR
- ALTINAY Defence Technologies
- BEST GRUP
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- FİGES
- SDT
- ESEN
- TSSK

### **RIFLES AND SHOTGUNS**

- SAMSUN YURT SAVUNMA
- VARZENE
- AKKAR
- REPKON
- ÜNİMETAL A.Ş.
- YILMAZ MAKİNA
- OSSA
- MES Makina Elektrik Kimya San.A.Ş.
- MKEK

### **RIOT/CROWD CONTROL EQUIPMENT**

- NUROL MAKİNA

### **ROBOTICS EQUIPMENT**

- GRUP İMPEKS
- VARZENE
- NUROL MAKİNA
- ANOVA
- ALTINAY Defence Technologies
- ASELSAN
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- ELEKTROLAND DEFENCE
- FİGES
- MENSAN
- TSSK

### **ROBOTS AND ROBOTICS**

- GRUP İMPEKS
- ALTAY
- CRYPTTECH
- VARZENE
- NUROL MAKİNA
- ANOVA
- ALTINAY Defence Technologies
- BİTES

- BEST GRUP
- TÜBİTAK MAM
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- ELEKTROLAND DEFENCE
- FİGES
- YILMAZ MAKİNA
- MENSAN

### **ROCKET MOTORS**

- SERPA
- VARZENE
- ASSAV
- TÜBİTAK SAGE
- REPKON
- ROKETSAN
- YILMAZ MAKİNA
- MES Makina Elektrik Kimya San.A.Ş.
- MKEK

### **ROCKETS**

- SERPA
- VARZENE
- AKKAR
- TÜBİTAK SAGE
- REPKON
- ROKETSAN
- YILMAZ MAKİNA
- MES Makina Elektrik Kimya San.A.Ş.
- MKEK

### **RUBBER MOULDINGS, COMPONENTS**

- ASSAV
- GÜVENLİ YAŞAM

### **RUGGED COMPUTERS**

- SIEMENS
- NUROL MAKİNA
- OTOKAR
- ASELSAN
- FİGES
- ARTRON
- DELTA ELECTRONICS
- ATEL

### **SEALS**

- TÜBİTAK MAM

- TEI
- FİGES

### **SEARCH AND RESCUE EQUIPMENT - SEE ALSO SAR**

- GRUP İMPEKS
- ARGELA
- RST
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- ASELSAN
- MES Makina Elektrik Kimya San.A.Ş.
- ESEN

### **SECURE COMMUNICATION EQUIPMENT**

- PROFEN
- SIEMENS
- TÜBİTAK BİLGEM
- C Tech Information Technologies Inc.
- ASELSAN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- ESEN
- TSSK

### **SHELTER SYSTEM EQUIPMENT COMPONENTS**

- PROFEN
- SAVRONİK
- ÖZTEK TEXTİLE
- ANOVA
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- GÖKSER R&D
- PAGETEL
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- VESTEL DEFENCE INDUSTRY
- NORM TECHNOLOGIES
- MENSAN
- AYESAŞ
- YALTES

### **SHIP MODELLING AND MOVEMENT SIMULATORS**

- infoTRON
- RST
- TÜBİTAK BİLGEM
- ANOVA
- SİMSOFT
- METEKSAN DEFENCE
- TÜRK LOYDU

### **SHIP PROPULSION AND CONTROLS**

- MTU
- SIEMENS
- TÜRK LOYDU
- TSSK
- YALTES

### **SIGHTS**

- SAMSUN YURT SAVUNMA
- CANOVATE
- AKKAR
- OTOKAR
- TRANSVARO
- ASELSAN SİVAS
- FOTONİKS

### **SIGNAL PISTOLS SIMULATORS**

### **SLEEPING BAGS**

- GRUP İMPEKS
- AVS
- ÖZTEK TEXTİLE
- RAFF MILITARY TEXTİLE
- NORM TECHNOLOGIES
- YAKUPOĞLU A.Ş. (YDS)

### **SMOKE GENERATORS**

- MENSAN

### **SOFTWARE DEVELOPERS**

- ARGELA
- ALTAY
- CRYPTTECH
- DESİ
- ESAC
- infoTRON
- CANOVATE
- ANOVA
- OTOKAR
- ALTINAY Defence Technologies
- C Tech Information Technologies Inc.
- AÇIK DENİZ
- SİMSOFT
- BİTES
- BEST GRUP
- MİLSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.

- AKGÜN
- TEI
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- FİGES
- ARTRON
- PAPILON
- AYESAŞ
- HAVELSAN
- ESEN
- TSSK
- ATEL
- YALTES
- STM

### **SONAR EQUIPMENT**

- GÜRSAŞ
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK MAM
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- METEKSAN DEFENCE

### **SOUND LOCATION EQUIPMENT**

- TÜBİTAK BİLGEM
- TÜBİTAK MAM
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ESEN

### **SPRINGS**

- PUNTEL
- AKKAR
- REPKON
- BEST GRUP

### **STABILIZERS AND STABILIZATION EQUIPMENT**

- TURKISH AEROSPACE
- NUROL MAKİNA
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- OTOKAR
- ALTINAY Defence Technologies
- REPKON
- NETA ELEKTRONİK
- ALP AVIATION
- FİGES
- ESEN
- TÜRK LOYDU

### **STEALTH TECHNOLOGY EQUIPMENT**

- ÖZTEK TEXTİLE
- TDU
- TSSK

### **STEERING GEAR**

- TİBET
- NUROL MAKİNA
- ILERI GROUP
- HEMA ENDÜSTRİ
- YILMAZ MAKİNA
- MES Makina Elektrik Kimya San.A.Ş.
- TÜRK LOYDU

### **SURFACE TREATMENT, IPAINTING, CHEMICALSPLATING**

- KRL
- GRUP IMPEKS
- DOĞUŞ KİMYA
- AKKAR
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- ALTINAY Defence Technologies
- ALP AVIATION
- ÜNİMETAL A.Ş.
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- DYO

### **SURVEILLANCE EQUIPMENT**

- ARGELA
- PROFEN
- SIEMENS
- CANOVATE
- OTOKAR
- ALTINAY Defence Technologies
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- ASELSAN
- TRANSVARO
- METEKSAN DEFENCE
- ELEKTROLAND DEFENCE
- PAPILON
- AYESAŞ
- ESEN
- TSSK

### **SUSPENSION SYSTEM EQUIPMENT**

- NUROL MAKİNA
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.

- OTOKAR
- MES Makina Elektrik Kimya San.A.Ş.

### **TACTICAL SIMULATORS**

- ALTAY
- infoTRON
- CANOVATE
- TÜBİTAK BİLGEM
- ANOVA
- ALTINAY Defence Technologies
- SİMSOFT
- BİTES
- CEY SAVUNMA
- TRANSVARO
- VESTEL DEFENCE INDUSTRY
- SDT
- ESEN
- TSSK

### **TARGETS**

- DEŞİ
- AKKAR
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- ALTINAY Defence Technologies
- BEST GRUP
- MENSAN

### **TECHNICAL TEXTILES**

- GRUP IMPEKS
- AVS
- RAYON
- ÖZTEK TEXTILE
- RAFF MILITARY TEXTILE
- TDU
- NORM TECHNOLOGIES
- YAKUPOĞLU A.Ş. (YDS)

### **TELEPHONE EQUIPMENT**

- TÜBİTAK BİLGEM

### **TELESCOPES**

- TÜBİTAK MAM
- TRANSVARO
- FOTONIKS

### **TEMPEST PRODUCTS**

- GRUP IMPEKS
- TÜBİTAK BİLGEM
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA

### **TENTS AND SHELTERS**

- GRUP IMPEKS
- TURMAKS
- AVS
- ÖZTEK TEXTILE
- RAFF MILITARY TEXTILE
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- GÖKSER R&D
- ÖZTİRYAKİLER
- PAGETEL
- TDU
- NORM TECHNOLOGIES
- MENSAN
- YAKUPOĞLU A.Ş. (YDS)

### **TERRAIN DISPLAYS**

- GRUP IMPEKS
- infoTRON
- SİMSOFT
- ASELSAN
- SDT
- ESEN

### **TEST EQUIPMENT**

- GRUP IMPEKS
- ETA
- PROFEN
- M-D2
- ÖZTEK TEXTILE
- TÜBİTAK BİLGEM
- ME-GE TEKNİK
- ANOVA
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- GÖKSER R&D
- ALTINAY Defence Technologies
- SPARK
- ALP AVIATION
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- AKGÜN
- TEI
- FİGES
- ARTRON

- OSSA
- HAVELSAN
- FEMSAN ELECTRIC MOTORS
- ESEN
- TSSK
- ASSAN ELEKTRONİK
- ATEL

### **TEXTILES**

- GRUP IMPEKS
- AVS
- RAYON
- RAFF MILITARY TEXTILE
- TDU
- NORM TECHNOLOGIES
- OSSA
- MENSAN
- YAKUPOĞLU A.Ş. (YDS)

### **THERMAL DRIVER SIGHT**

- CANOVATE
- BEST GRUP
- TRANSVARO

### **TORPEDOES**

- ALTAY
- VARZENE
- REPKON
- ASELSAN

### **TRACKING EQUIPMENT**

- PROFEN
- RAFF MILITARY TEXTILE
- PAVOTEK
- TÜBİTAK BİLGEM
- OTOKAR
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- AYESAŞ
- ESEN
- ATEL

### **TRAILERS**

- TURMAKS
- VARZENE
- NUROL MAKİNA
- KOLUMAN
- İŞBİR

- ASSAV
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- YOL-BAK

### **TRANSMISSIONS**

- GRUP IMPEKS
- SIEMENS
- NUROL MAKİNA
- TÜBİTAK BİLGEM
- ANOVA
- ASSAV
- HEMA ENDÜSTRİ
- ALP AVIATION
- YILMAZ MAKİNA
- HST AUTOMOTIVE MANUFACTURING INDUSTRY AND TRADE INC.
- TSSK

### **ULTRA SONIC EQUIPMENT**

- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- FIGES
- TSSK

### **UNDERWATER: ACOUSTICS EQUIPMENT**

- GÜRSAŞ
- RST
- TÜBİTAK BİLGEM
- TÜBİTAK MAM
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- METEKSAN DEFENCE
- TSSK

### **VEHICLE ELECTRICAL EQUIPMENT**

- NERO INDUSTRIES
- SAVRONİK
- SIEMENS
- ALTOY
- NUROL MAKİNA
- İŞBİR
- ANOVA
- OTOKAR
- ALTINAY Defence Technologies
- BEST GRUP
- TÜBİTAK MAM
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.

- FİGES
- ARTRON
- MENSAN
- TSSK

### **VEHICLE ENGINES**

- MTU
- SIEMENS
- VARZENE
- ALTOY
- NUROL MAKİNA
- HEMA ENDÜSTRİ
- ALP AVIATION
- FİGES
- MES Makina Elektrik Kimya San.A.Ş.

### **WIRES AND WIRING**

- GRUP İMPEKS
- MAKTEL
- CANOVATE
- TURKISH AEROSPACE
- ME-GE TEKNİK
- ANOVA
- PAGETEL
- BEST GRUP
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TTAF DEFENCE
- OSSA
- AYESAŞ
- TÜRK LOYDU
- TSSK
- ASSAN ELEKTRONİK

### **X-RAY EQUIPMENT / COMPONENTS**

- GRUP İMPEKS
- DOĞUŞ KİMYA
- ALP AVIATION
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- ELEKTROLAND DEFENCE
- TSSK
- ASSAN ELEKTRONİK





SERVICES

## AERIAL PHOTOGRAPHY AND SURVEY

- ALTOY
- ALTINAY Defence Technologies
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- ESEN

## BALLISTIC TESTING

- GİRSAN
- GRUP İMPEKS
- TURAC
- BARTEZ
- ÖZTEK TEXTILE
- CANOVATE
- NUROL MAKİNA
- NUROL TEKNOLOJİ
- OTOKAR
- GÖKSER R&D
- CES Advanced Composites & Defense Technologies
- KATMERCİLER
- ROKETSAN
- FNSS Savunma Sistemleri A.Ş.
- ARIMASS GLASS (Ada Cam San. ve Tic. Ltd. Şti.)
- OSSA
- TSSK

## BOLTS & NUTS

- ALP AVIATION
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)

## CALIBRATION AND EQUIPMENT

- BARTEZ
- AKKAR
- GÖKSER R&D
- SPARK
- TÜBİTAK MAM
- TRANSVARO
- TEİ
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- OSSA
- DELTA ELECTRONICS

## CBRN TRAINING

- MAKEL
- NANOBİZ
- TÜBİTAK MAM

- EPSILON-NDT ENDÜSTRİYEL KONTROL SİSTEMLERİ SAN. ve TİC. A.Ş.
- NORM TECHNOLOGIES
- MENSAN
- HAVELSAN
- TSSK

## CODIFICATION

- CRYPTTECH
- infoTRON
- BARTEZ
- C Tech Information Technologies Inc.
- AÇIK DENİZ
- AKGÜN

## COMPONENT DESIGN & ENGINEERING

- TİBET
- KRL
- MATEŞ
- MAKEL
- TURMAKS
- infoTRON
- BARIŞ
- BARTEZ
- CANOVATE
- ALTOY
- NANOBİZ
- NUROL MAKİNA
- TÜBİTAK BİLGEM
- AKANA
- KOLUMAN
- ANOVA
- AKKAR
- ASSAV
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN. TİC. A.Ş.
- TÜBİTAK SAGE
- OTOKAR
- ALTINAY Defence Technologies
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- HIDROAN
- CES Advanced Composites & Defense Technologies
- NETA ELEKTRONİK
- ALP AVIATION
- BEST GRUP
- TÜBİTAK MAM
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.

- MİLSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- KATMERCİLER
- AKGÜN
- TRANSVARO
- TEI
- METEKSAN DEFENCE
- FİGES
- VESTEL DEFENCE INDUSTRY
- FNSS Savunma Sistemleri A.Ş.
- ASELSAN SİVAS
- YOL-BAK
- YILMAZ MAKİNA
- NORM TECHNOLOGIES
- HST AUTOMOTIVE MANUFACTURING INDUSTRY AND TRADE INC.
- OSSA
- AYESAŞ
- HAVELSAN
- FEMSAN ELECTRIC MOTORS
- ESEN
- TSSK
- ATEL

### **CONFIGURATION MANAGEMENT**

- ALTAY
- MTU
- PROFEN
- SAVRONİK
- CRYPTTECH
- BARTEZ
- TURKISH AEROSPACE
- ALTOY
- NUROL MAKİNA
- TÜBİTAK BİLGEM
- AKANA
- AKKAR
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- C Tech Information Technologies Inc.
- İCTERRA
- BİTES
- ALP AVIATION
- BEST GRUP
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- KATMERCİLER
- AKGÜN

- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- VESTEL DEFENCE INDUSTRY
- FNSS Savunma Sistemleri A.Ş.
- SDT
- AYESAŞ
- HAVELSAN
- FEMSAN ELECTRIC MOTORS
- ESEN
- TSSK
- YALTES
- STM

### **DESIGN, HARDWARE**

- TURMAKS
- AMEGA
- PROFEN
- infoTRON
- BARTEZ
- NANOBİZ
- NUROL MAKİNA
- TÜBİTAK BİLGEM
- ME-GE TEKNİK
- ANOVA
- AKKAR
- TÜBİTAK SAGE
- İLERİ GROUP
- OTOKAR
- GÖKSER R&D
- ALTINAY Defence Technologies
- ANADOLU SHIPYARD
- HIDROAN
- HEMA ENDÜSTRİ
- META ELEKTRONİK
- ALP AVIATION
- BEST GRUP
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- ASELSAN
- AKGÜN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- TRANSVARO
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- ARTRON
- OSSA

- MENSAN
- PAPON
- AYESAŞ
- HAVELSAN
- ESEN
- TSSK
- ATEL
- YALTES

## **DESIGN, SOFTWARE**

- ARGELA
- ETA
- ALTAY
- PROFEN
- SAVRONİK
- SIEMENS
- CRYPTTECH
- DESİ
- ESAC
- infoTRON
- BARTEZ
- RST
- İSTANBUL SHIPYARD
- CANOVATE
- TURKISH AEROSPACE
- NANOBIZ
- NUROL MAKİNA
- TÜBİTAK BİLGEM
- ANOVA
- AKKAR
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- OTOKAR
- ALTINAY Defence Technologies
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- HİDROAN
- AÇIK DENİZ
- NETA ELEKTRONİK
- İCTERRA
- SİMSOFT
- BİTES
- ALP AVIATION
- BEST GRUP
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- MİLSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- KATMERCİLER

- ASELSAN
- AKGÜN
- CEY SAVUNMA
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- TEİ
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- FİGES
- VESTEL DEFENCE INDUSTRY
- FNSS Savunma Sistemleri A.Ş.
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- SDT
- OSSA
- MENSAN
- PAPON
- AYESAŞ
- HAVELSAN
- FEMSAN ELECTRIC MOTORS
- ESEN
- TSSK
- ATEL
- YALTES
- STM

## **DIGITAL MAPPING**

- SIEMENS
- ALTOY
- SİMSOFT
- BİTES
- MİLSOFT
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- OSSA
- AYESAŞ
- HAVELSAN
- ESEN
- TSSK
- STM

## **EXPLOSIVES DISPOSAL**

- ALTAY
- M-D2
- TÜBİTAK SAGE
- GÖKSER R&D
- ALTINAY Defence Technologies
- ROKETSAN
- ELEKTROLAND DEFENCE

## **HARDWARE DESIGN**

- TİBET
- TİBET
- MAK SAVUNIMA
- GÜRSAŞ
- GİRSAN
- MAKEL
- TURMAKS
- AMEGA
- ETA
- PROFEN
- SAVRONİK
- DESİ
- infoTRON
- RST
- İSTANBUL SHIPYARD
- ÇANOVATE
- TURKISH AEROSPACE
- ALTOY
- NANOBİZ
- NUROL MAKİNA
- TÜBİTAK BİLGEM
- ANOVA
- AKKAR
- TÜBİTAK SAGE
- İLERİ GROUP
- OTOKAR
- GÖKSER R&D
- ALTINAY Defence Technologies
- ANADOLU SHIPYARD
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- HİDROAN
- NETA ELEKTRONİK
- BEST GRUP
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- KATMERCİLER
- ASELSAN
- AKGÜN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GÜVENLİK SİSTEMLERİ A.S.
- TRANSVARO
- TEİ
- TTAF DEFENCE
- METEKSAN DEFENCE
- FİGES

- VESTEL DEFENCE INDUSTRY
- FNSS Savunma Sistemleri A.Ş.
- YOL-BAK
- ARTRON
- SDT
- MENSAN
- AYESAŞ
- HAVELSAN
- FEMSAN ELECTRIC MOTORS
- ESEN
- TSSK
- ATEL
- YALTES

## **MATHEMATICAL MODELLING**

- ARGELA
- ETA
- TUĞÇELİK
- CRYPTTECH
- infoTRON
- TURKISH AEROSPACE
- TÜBİTAK BİLGEM
- ANOVA
- OTOKAR
- ALTINAY Defence Technologies
- C Tech Information Technologies Inc.
- SİMSOFT
- BİTES
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- KATMERCİLER
- AKGÜN
- CEY SAVUNMA
- TEİ
- FİGES
- SDT
- OSSA
- HAVELSAN
- FEMSAN ELECTRIC MOTORS
- ESEN
- TSSK

## **NATO CODIFICATION**

- GİRSAN
- GRUP İMPEKS
- MAKEL
- CRYPTTECH
- NUROL MAKİNA
- C Tech Information Technologies Inc.

- BEST GRUP
- MILSOFT
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.

### **OVERHAUL SERVICES - SEE ALSO MAINTENANCE SERVICES**

- TİBET
- GRUP IMPEKS
- MAKEL
- MTU
- M-D2
- İSTANBUL SHIPYARD
- TÜBİTAK BİLGEM
- KOLLUMAN
- İŞBİR
- ALTINAY Defence Technologies
- C Tech Information Technologies Inc.
- HIDROAN
- ALP AVIATION
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- MILSOFT
- KATMERCİLER
- TRANSVARO
- TEI
- FNSS Savunma Sistemleri A.Ş.
- YOL-BAK
- HST AUTOMOTIVE MANUFACTURING INDUSTRY AND TRADE INC.
- MENSAN
- FEMSAN ELECTRIC MOTORS
- YALTES

### **PAINT & COATINGS**

- BARTEZ
- NUROL MAKİNA
- AKKAR
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- HIDROAN
- CES Advanced Composites & Defense Technologies
- ALP AVIATION
- TEI
- HAVACILIK ve UZAY KÜMELENMESİ DERNEĞİ (HUKD)
- OSSA
- DYO

### **PROJECT MANAGEMENT**

- MAK SAVUNMA
- U4 MARINE & INTERIOR

- GRUP IMPEKS
- TURMAKS
- AMEGA
- ARGELA
- ALTAY
- PROFEN
- SAVRONIK
- SIEMENS
- TUĞÇELİK
- CRYPTTECH
- infoTRON
- M-D2
- İSTANBUL SHIPYARD
- ALTOY
- NUROL MAKİNA
- TÜBİTAK BİLGEM
- AKANA
- ANOVA
- AKKAR
- ASSAV
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- İLERİ GROUP
- OTOKAR
- GÖKSER R&D
- PEGASUS SAVUNMA
- ALTINAY Defence Technologies
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- AÇIK DENİZ
- REPKON
- CES Advanced Composites & Defense Technologies
- ICTERRA
- SIMSOFT
- BİTES
- ALP AVIATION
- BEST GRUP
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- MILSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- KATMERCİLER
- ASELSAN
- AKGÜN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.Ş.
- TEI
- VESTEL DEFENCE INDUSTRY

- FNSS Savunma Sistemleri A.Ş.
- ARMASS GLASS (Ada Cam San. ve Tic. Ltd. Şti.)
- YILMAZ MAKİNA
- FOTONIKS
- NORM TECHNOLOGIES
- HST AUTOMOTIVE MANUFACTURING INDUSTRY AND TRADE INC.
- ARTTRON
- SDT
- OSSA
- AVESAŞ
- HAVELSAN
- KOÇAK PETROL ÜRÜNLERİ SAN. ve TİC. LTD. ŞTİ.
- FEMSAN ELECTRIC MOTORS
- ESEN
- TÜRK LOYDU
- TSSK
- ATEL
- YALTES
- STM

### **QUALITY CONTROL CONSULTANCY**

- GRUP IMPEKS
- CRYPTTECH
- infoTRON
- BARTEZ
- NUROL MAKİNA
- TÜBİTAK BİLGEM
- TÜBİTAK SAGE
- ILERI GROUP
- C Tech Information Technologies Inc.
- CES Advanced Composites & Defense Technologies
- ICTERRA
- SİMSOFT
- ALP AVIATION
- AKGÜN
- FNSS Savunma Sistemleri A.Ş.
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- OSSA
- YAKUPOĞLU A.Ş. (YDS)
- AVESAŞ
- ESEN
- STM

### **RESEARCH AND DEVELOPMENT**

- TİBET
- GRUP IMPEKS
- TURMAKS
- AMEGA

- ARGELA
- ETA
- ALTAY
- MTU
- PROFEN
- SIEMENS
- TUĞÇELİK
- CRYPTTECH
- DEŞİ
- ESAC
- infoTRON
- BARIŞ
- RST
- VARZENE
- İSTANBUL SHIPYARD
- ALTOY
- NANOBIZ
- NUROL MAKİNA
- TÜBİTAK BİLGEM
- AKANA
- İŞBİR
- ANOVA
- AKKAR
- NUROL TEKNOLOJİ
- ASSAV
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- ILERI GROUP
- OTOKAR
- GÖKSER R&D
- ÖZTİRYAKİLER
- ALTINAY Defence Technologies
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- HIDROAN
- AÇIK DENİZ
- GÜVENLİ YAŞAM
- REPKON
- CES Advanced Composites & Defense Technologies
- NETA ELEKTRONİK
- ICTERRA
- SİMSOFT
- BİTES
- ALP AVIATION
- BEST GRUP
- TÜBİTAK MAM
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.



- MİLSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- KATMERCİLER
- ASELSAN
- AKGÜN
- ASPILSAN ENERGY
- TRANSVARO
- TEI
- ROKETSAN
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- ELEKTROLAND DEFENCE
- FİGES
- VESTEL DEFENCE INDUSTRY
- FNSS Savunma Sistemleri A.Ş.
- ARMASS GLASS (Ada Cam San. ve Tic. Ltd. Şti.)
- YILMAZ MAKİNA
- NORM TECHNOLOGIES
- ARTRON
- SDT
- OSSA
- MENSAN
- PAPILON
- AYESAŞ
- DYO
- HAVELSAN
- KOÇAK PETROL ÜRÜNLERİ SAN. ve TİC. LTD. ŞTİ.
- FEMSAN ELECTRIC MOTORS
- ESEN
- TÜRK LOYDU
- TSSK
- ATEL
- YALTES
- STM

### **SOFTWARE MODELLING**

- ARGELA
- ALTAY
- SAVRONİK
- CRYPTTECH
- ESAC
- infoTRON
- BARTEZ
- İSTANBUL SHIPYARD
- CANOVATE
- TURKISH AEROSPACE
- NUROL MAKİNA

- TÜBİTAK BİLGEM
- AKKAR
- TÜBİTAK SAGE
- OTOKAR
- ALTINAY Defence Technologies
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- AÇIK DENİZ
- ICTERRA
- SIMSOFT
- BİTES
- ALP AVIATION
- BEST GRUP
- MİLSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- KATMERCİLER
- AKGÜN
- CEY SAVUNMA
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- FİGES
- FNSS Savunma Sistemleri A.Ş.
- SDT
- OSSA
- HAVELSAN
- FEMSAN ELECTRIC MOTORS
- ESEN
- TSSK
- ATEL
- STM

### **SURFACE CLEANING AND PREPARATION**

- TİBET
- GİRŞAN
- DOĞUŞ KİMYA
- BARTEZ
- ALTOY
- NUROL MAKİNA
- AKKAR
- HİDROAN
- ALP AVIATION
- TÜBİTAK MAM
- TEI
- OSSA

### **SYSTEM DESIGN & ENGINEERING**

- TİBET
- MAK SAVUNMA

- MAKEL
- TURMAKS
- ARGELA
- ALTAY
- PROFEN
- SAVRONİK
- SIEMENS
- CRYPTTECH
- ESAC
- infoTRON
- M-D2
- BARTEZ
- RST
- İSTANBUL SHIPYARD
- CANOVATE
- TURKISH AEROSPACE
- ALTOY
- NUROL MAKİNA
- TÜBİTAK BİLGEM
- AKANA
- ANOVA
- AKKAR
- ASSAV
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- İLERİ GROUP
- OTOKAR
- GÖKSER R&D
- PEGASUS SAVUNMA
- ALTINAY Defence Technologies
- ANADOLU SHIPYARD
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- HIDROAN
- REPKON
- CES Advanced Composites & Defense Technologies
- ICTERRA
- ŞİMSOFT
- BİTES
- ALP AVIATION
- BEST GRUP
- TÜBİTAK MAM
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- MİLSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- KATMERCİLER
- ASELSAN

- AKGÜN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- TRANSVARO
- TEI
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- TTAF DEFENCE
- METEKSAN DEFENCE
- ELEKTROLAND DEFENCE
- FİGES
- VESTEL DEFENCE INDUSTRY
- FNSS Savunma Sistemleri A.Ş.
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- YILMAZ MAKİNA
- FOTONİKS
- SDT
- OSSA
- MENSAN
- PAPİLON
- AYESAŞ
- HAVELSAN
- FEMSAN ELECTRIC MOTORS
- ESEN
- TSSK
- ATEL
- YALTES
- STM

### **SYSTEMS ANALYSIS**

- GİRSAN
- ALTAY
- PROFEN
- SIEMENS
- TUĞÇELİK
- CRYPTTECH
- ESAC
- infoTRON
- BARTEZ
- RST
- TURKISH AEROSPACE
- NUROL MAKİNA
- TÜBİTAK BİLGEM
- ANOVA
- AKKAR
- TÜBİTAK SAGE
- OTOKAR
- PEGASUS SAVUNMA

- ALTINAY Defence Technologies
- C Tech Information Technologies Inc.
- CES Advanced Composites & Defense Technologies
- ICTERRA
- SİMSOFT
- BİTES
- TÜBİTAK MAM
- MİLSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- KATMERCİLER
- ASELSAN
- AKGÜN
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- FİGES
- FNSS Savunma Sistemleri A.Ş.
- YILMAZ MAKİNA
- ARTRON
- SDT
- OSSA
- PAPILON
- AYESAŞ
- HAVELSAN
- FEMSAN ELECTRIC MOTORS
- ESEN
- TSSK
- STM

## **SYSTEMS INTEGRATOR**

- TURMAKS
- ALTAY
- MTU
- PROFEN
- SAVRONİK
- CRYPTTECH
- ESAC
- infoTRON
- M-D2
- BARTEZ
- RST
- ÇANOVATE
- TURKISH AEROSPACE
- ALTOY
- NUROL MAKİNA
- ANOVA
- COŞKUNÖZ SAVUNMA VE HAVACILIK SAN.TİC.A.Ş.
- TÜBİTAK SAGE
- OTOKAR
- GÖKSER R&D
- PEGASUS SAVUNMA

- ALTINAY Defence Technologies
- ANADOLU SHIPYARD
- C Tech Information Technologies Inc.
- ONUR Mühendislik A.Ş.
- SİMSOFT
- BİTES
- TÜBİTAK MAM
- NUROL BAE SYSTEMS AIR SYSTEMS INC. - BNA
- HAVELSAN TEKNOLOJİ RADAR (HTR) SAN. VE TİC. A.Ş.
- MİLSOFT
- KOÇ BİLGİ VE SAVUNMA TEKNOLOJİLERİ A.Ş.
- KATMERCİLER
- ASELSAN
- AKGÜN
- LEONARDO TURKEY HAVACILIK SAVUNMA VE GUVENLIK SİSTEMLERİ A.S.
- TRANSVARO
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- METEKSAN DEFENCE
- ELEKTROLAND DEFENCE
- FİGES
- VESTEL DEFENCE INDUSTRY
- FNSS Savunma Sistemleri A.Ş.
- TEKNOKAR SAVUNMA ve HAVACILIK A.Ş.
- FOTONIKS
- SDT
- OSSA
- MENSAN
- PAPILON
- AYESAŞ
- HAVELSAN
- ESEN
- TSSK
- ATEL
- YALTES
- STM

## **TEMPEST TESTING**

- TÜBİTAK BİLGEM
- AKKAR
- ASELSAN
- OTONOM TEKNOLOJİ ROBOTİK ELEKTRONİK ve YAZILIM SA. LTD. ŞTİ.
- AYESAŞ
- YALTES

PROTECTED MOBILITY  
AT YOUR  
**SERVICE!**



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