



SAHA İSTANBUL ENERGY AND POWER SYSTEMS COMPANIES ELECTRIC AND ELECTRONICS INDUSTRY COMPANIES





SAHA İSTANBUL DEFENCE, AVIATION AND SPACE CLUSTER

Inline to achieve a common synergy by clustering the power of our 75,000 industrialist companies operating in the Northern Marmara corridor to produce technological products with high added value, which produces half of Turkey's national income, in March 2015, with the initiatives of 27 founding members, SAHA Istanbul Defence, Aviation and Space Clustering Association was established. The cluster has chosen Technopark Istanbul, located in Pendik, as its centre.

SAHA Istanbul, which still has a very rapid growth by recruiting more than 900 members from all regions of Turkey, has become one of the largest clusters of the European Aviation Clusters Union of which Turkey is a member, with its companies universities and institutions. By establishing SAHA Istanbul Technology Economic Enterprise within SAHA Istanbul, it has created an infrastructure to carry out effective activities.

In 2018, it successfully held the first SAHA EXPO fair as a domestic fair, and in the following process, SAHA EXPO Fuarçılık A.Ş. was established. It will continue as an international fair in the form of the defence Industry Specialization Fair, which will be held every two years, both in physical and virtual environments. SAHA EXPO A.S. has succeeded in realizing the world's first 3D Virtual defence Industry Fair. In November 2021, it showed the success of making the world's first hybrid defence Industry, both physical and virtual.

In 2020, by establishing the National Aviation Industry Committee MİHENK under the World Civil Aviation Quality Group - IAQG / European Civil Aviation Quality Group-EAQG, Turkey has entered the European Civil Aviation Quality kitchen and paved the way for TURKAK's accreditation of our domestic companies to issue AS 9100 certificates.

Within SAHA Istanbul, projects are carried out by project groups under technical committees. These projects can be aimed at acquiring technologies that the country does not have yet, or they can be in the form of developing new products with unique concepts by consolidating existing but different sector talents.

In addition, efforts to improve the export of different production sectors are carried out with the Ur-Ge projects carried out within the committees.

To ensure that our companies participate more in defence, civil aviation and space projects, we make their talents known, make market-developing efforts for them, and develop cooperation between parts, components, subsystem manufacturers, system and platform manufacturers. It provides support to our companies, relevant public authorities, science and research institutions and universities, with the idea of creating clusters by guiding, informing and guiding our companies in every branch of the defence industry, in the aerospace industry, thus increasing our national production capabilities and capacity.

Address

Sanayi Mah. Technopark Bulvarı, Technopark İstanbul, No: 1/9A, Üst Zemin Kat D:104-105 Pendik 34906 İstanbul – TÜRKİYE

+90 216 999 70 17-18

info@sahaistanbul.org.tr

SAHA İstanbul Ankara Office Address

İvedik O.S.B. Mah. 2224. Cad. No:1 C Blok Kat: 15 Yenimahalle/Ankara

gsahin@sahaistanbul.org.tr



ENERGY AND POWER SYSTEMS URGE PROJECT COMPANIES LIST

- AAES İLERİ MÜH. SAN. VE TİC. LTD. ŞTİ.
- ASSAN ELEKTRONİK İMALAT PAZARLAMA SAN.TİC.A.Ş.
- EMS ELEKTRONİK VE MEDİKAL SİSTEMLER SAN.TİC.A.Ş.
- KABSAN ELEKTRONİK İNŞ.OTO.GIDA.TURZ.SAN.VE TİC LTD.ŞTİ..
- PAVELSİS AVİYONİK TEKNOLOJİ ÜRETİN TİC.A.Ş
- SADTEK ELEKTRONİK SAN. VE TİC. LTD. ŞTİ.
- TECHNOPC TEKNOLOJİ SAN. VE TİC. A.Ş.
- VOLT TEKNOLOJİ GELİŞTİRME MÜHENDİSLİK A.Ş.



AAES İLERİ MÜH. SAN. VE TİC. LTD. ŞTİ.



AAES İleri Mühendislik is an international company established in Ankara to provide engineering, design, production, technology and supply services to aviation and defence industry institutions and organizations. AAES provides engineering and operational services to help institutions and organizations achieve successful program and cost activities, while engineering consultancy services enable the institution to increase productivity by making low effort in strategic harmony. AAES's strong technological consulting services are effective solutions for security, system development and innovation needs and have been identified as efforts to reduce costs by embodying and sustaining the leading supply chain and supply sources. It is one of the missions of adopting the goals of the customers and enabling them to reach these goals with motivation and result oriented structure with its technological knowledge, international experience and expert staff on the solutions required.

PRODUCT GROUP

- Engineering management consultancy
- Engineering
- Technology
- Procurement

SECTOR

Aerial Platforms Manufacturers/ Ammunition Manufacturers/ Aviation/ Conventional, Laser and Electromagnetic Weapon Systems/ Engineering/ Household Appliances/ Land Platforms Manufacturers/ Marine Platforms Manufacturers/ Medical/ On Vehicle Equipment Production/ Rocket And Missile Parts/ Space Platforms Manufacturers/ Unmanned Aerial Vehicles (UAV - UCAV)/ Unmanned System Builders (Land, Air, Sea)/ Weapon Manufacturers

CONTACT

Ivogsan Özanadolu San. Sitesi 1455. Cad. No:1506374 Ostim-Ankara Phone: 0(312)3948284
info@aaes.com.tr www.aaes.com.tr





ASSAN ELEKTRONİK İMALAT PAZARLAMA SAN.TİC.A.Ş.



Assan Electronics was established in 1980 as a small company that manufactures industrial electronic products. At the end of 2013, Assan joined the companies of the DMY group. This has accelerated the growth process and the launch of new products through investments (new production plant, machinery, R&D, human's resources). Our company produces these own LED lighting product and high technology electronic boards for various companies. In 2016, Assan become official supplier of the leading defense industry company in TURKEY (ASELSAN & ROKETSAN). In 1 year, we became a strategic partner of ROKETSAN and the following companies joined to our customer portfolio. NETAŞ, SAVRONİK, AIRTİES, METEKSAN, MAKEL, TEI and ALTINAY. We follow all new production technologies to adjust our investments for better quality and services for our customers and with the help of our international representatives, we optimize material purchasing processes and guarantee fast delivery of projects.

PRODUCT GROUP

- Electronic
- Card production
- Led Lighting
- Control Units
- Drivers

SECTOR

Defense Equipment

CONTACT

Dudullu Osb Baraj Yolu 2. Cadde No:7 Pk:34776 Ümraniye / İstanbul Phone: 0(902)1646640

www.assanelektronik.com.tr / info@assanelektronik.com.tr





EMS ELEKTRONİK VE MEDİKAL SİSTEMLER SAN.TİC.A.Ş.



EMS Elektronik, established in 2004, is a company that has won customer satisfaction by showing the same perseverance and care for every project it has taken up, and by adopting innovation as a principle. The success of our constantly expanding and developing company is based on our investments for technological infrastructure aiming self improvement and our technical staff and experienced engineers pursuing global developments. Our factory is located in Istanbul Dudullu Organized Industrial Zone. In the production area of 3.000m², with our team of 90 people and latest-technology SMT and THT lines, we produce electronic boards and devices according to the requirements of the international IPC Electronic Production Standards. Currently, production service is provided to the sectors: Military, Medical, Automotive, Aviation, Transportation, Security, Power Electronics, Industrial measurement.

PRODUCT GROUP

- Supply Chain Service
- ESD Protection
- Dry Cabinet
- SMT Assembly
- SPI Inspection
- AOI Inspection
- X-Ray Inspection
- THT Assembly
- Conformal Coating
- Mechanical Assembly

SECTOR

Aerial Platforms Manufacturers/ Automotive and Spare Parts/ Aviation/ Communication and Antenna Systems/ Construction Machinery and Ground Equipment/ Industrial Machinery and Production Equipment/ Land Platforms Manufacturers

CONTACT

Dudullu Osb 6832 Parsel 2.cad. No:7 Kat:1 Ümraniye/İstanbul Phone: 0(216)6616860

www.emselektronik.com / sokur@emselektronik.com.tr / ksazak@emselektronik.com.tr





KABSAN ELEKTRONİK LTD.ŞTİ.



With “Kabsan Electronics” name, around 26 years ago in 1993, we have founded our company and we are conducting our operations in our 3000 m2 of confined spaces while staying true to our corporate values ever since. Today, we are continuing to diversify our production operations, which began with cabling production mainly in line with the requirements of the defense industry, from a perspective which is advanced with technological innovations in the field of electronics and in line with military standards in our design, manufacture and assembly facilities. We are constantly improving our team with individuals who are experienced in their fields; who work rigorously in line with our corporate values; and who contribute to the industries of defense and electronics. Furthermore, we are the strategic partner of ASELSAN and we continue to provide assistance to companies which contribute to the advancement of our country’s defense industry with regards to cabling, electromechanical production and design. We are immensely proud to provide for the needs of defense industry with our established professional staff of nearly 200 people consisting of engineers, technicians and operators who are experts in their fields.

PRODUCT GROUPS

- Production and Montage of Open / Closed Harnesses
- Manufacture and Assembly of Electrostatic Discharge (ESD) and Electro
Mechanic Boxes

- Production and Montage Mechanical Units
- Branding
- Tests and Quality Control

SECTOR

Electric Motors

CONTACT

Yeni Batı Mahallesi 2392. Cadde No:28 Yenimahalle/Ankara Phone: 0(312)2552548

www.kabsan.com.tr / info@kabsan.com.tr



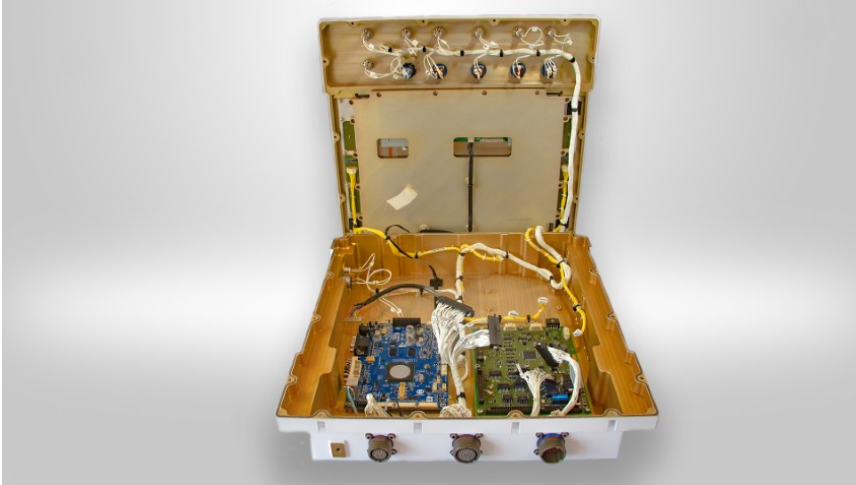
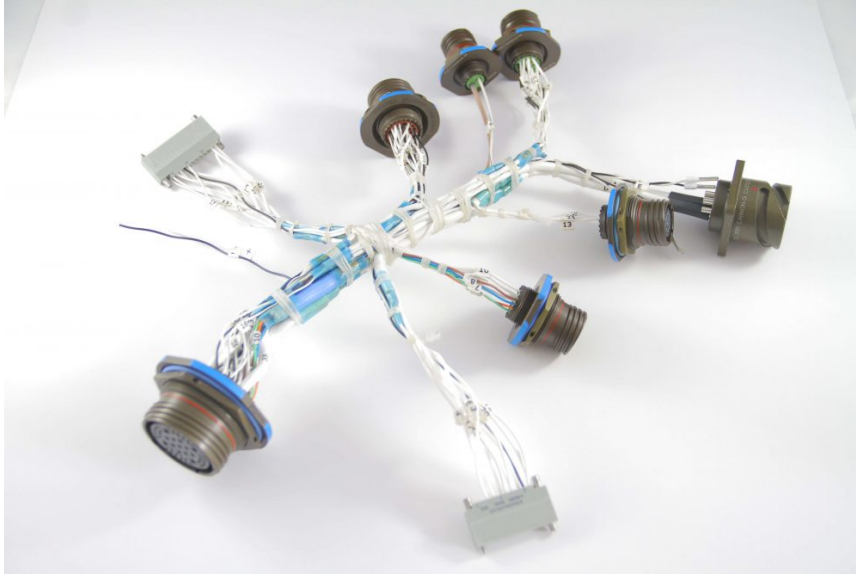
UR-GE

Turkey
Discover
the potential

SAHA
İSTANBUL
SAĞLIK, HAVACILIK VE UZAY KÖMERKURUMU



T.C. TİCARET
BAKANLIĞI





PAVELSİS AVİYONİK TEKNOLOJİ ÜRETİM TİC.A.Ş.



PAVELSİS is the spinoff company of PAVOTEK, which has been designing and producing electronic products for years. “Know-how” on R&D and production issues that have been increasing and accumulating in PAVOTEK since 2003, advances PAVELSİS in terms of competence. Our most important competencies include embedded designs (microprocessor, arm-based processors, FPGA), power systems, communication and control unit systems. With our approach that always keeps quality ahead, we complete the design processes above the expectations of our customers. With our approach that always keeps quality ahead, we complete the design processes above the expectations of our customers. Our company acts with the vision of the company, which offers the best electronic original solutions in the Defence, Aviation, Telecom and cyber security sectors, and invests in our success, which is our greatest value. PAVELSİS has carried out many successful projects in the fields of electronic and embedded systems such as avionics systems, military electronics and communication systems, biomedical solutions, power electronics, internet of things. In this process, it has brought competencies that have strategic importance such as servo motor technology suitable for use in aerial platforms to our country. In addition to this, it continues to overreach technology transfer with numerous R&D projects and produce unique solutions.

PRODUCT GROUPS

- Power Distribution units
- Biomedical technologies
- Cyber Security technologies
- Tactical Field Systems Communication / Control Units
- Unmanned Aerial Vehicle Avionic Systems

SECTOR

Aviation/ Communication And Antenna Systems/ Cyber Security/ Defense Equipment/ Software Development

CONTACT

Sanayi Mah. Teknopark Bulvarı Pendik/İstanbul Phone: 0(216)7712010

www.pavelsis.com / info@pavelsis.com





SADTEK ELEKTRONİK SAN. VE TİC. LTD. ŞTİ.



SADTEK Elektronik is founded in 2003 in order to provide public and private corporations in defence industry with services such as sale of spare part and devices for electrical/ electronic product groups, technical service, production, R&D and engineering. SADTEK adopted a production model where needs become design, former systems are revised, various technologies are combined with engineering, and domestic designs, researches and developments are in place. The corporate mission is to improve Turkish defence industry and national capabilities by means of innovative design, creativity and advanced technology in order to contribute to the society. Hi-tech microprocessor technologies are employed in order to solve customer requirements in a rapid and flawless manner. Thanks to customer oriented approach, SADTEK integrates successful productions with latest technology to improve its activities; accordingly, the company has become one of the leading firms in its sector in Turkey and abroad.

PRODUCT GROUP

- Pan & Tilt Systems
- Electro Optic Systems
- Sensors and Transducers
- RF Systems
- Marin Led Lighting
- Border and Environmental Security
- Defense Industry Systems and Subsystems
- Special Design and Manufacturing
- Mechanical System Design
- Embedded System and Interface
- Electronic Component Supply

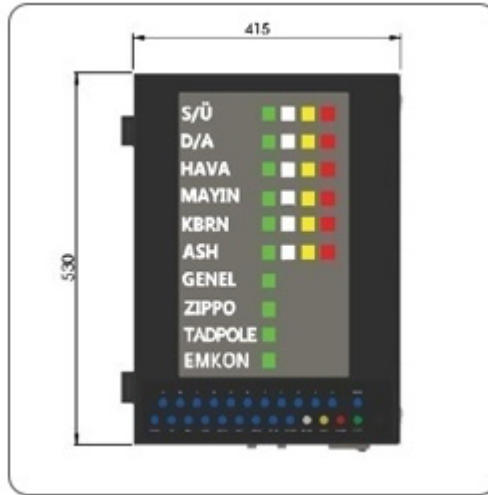
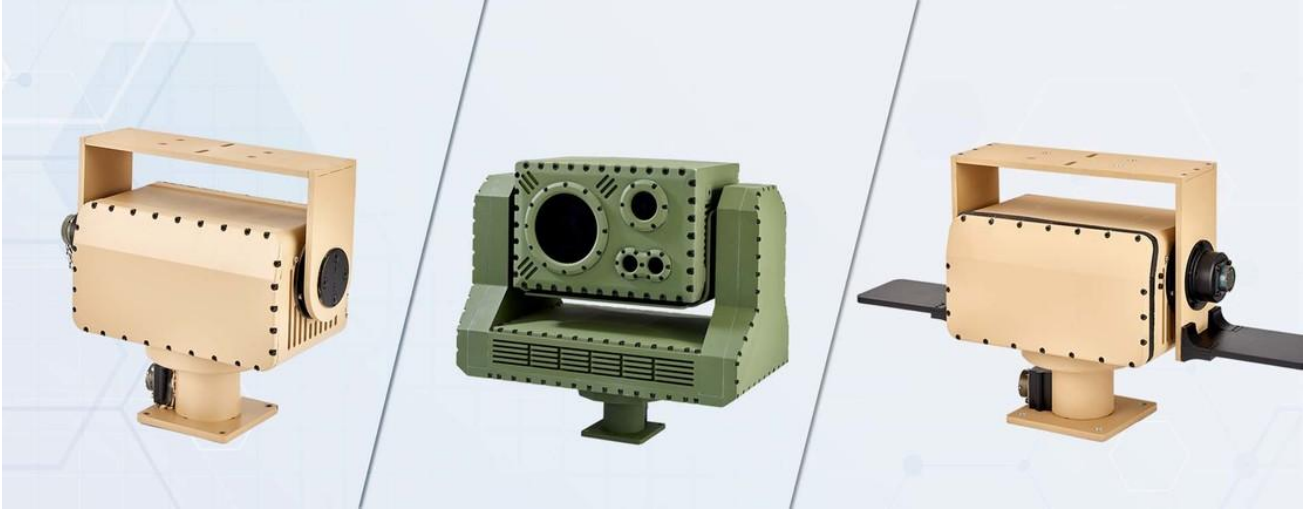
SECTOR

Automotive And Spare Parts/ Communication And Antenna Systems/ Defense Equipment/ Engineering/ Lighting/ On Vehicle Equipment Production/ PCB Design / Printing/ Robotic Automation

CONTACT

Kayışdağı Cad. No 107/1 Ataşehir – İstanbul Phone: 0(216)4694841

www.sadtek.com / sadtek@sadtek.com





TECHNOPC TEKNOLOJİ SAN. VE TİC. A.Ş.



Technopc is a brand created by Yucel Electronics in 2006 to produce better Technological products. Based on the principle of expanding high-quality and efficient solutions and services for information technologies, Technopc offers mini PC, tablet PC, desktop and industrial PC, All-in-One and virtualization solutions for enterprise companies and end users. Technopc stands out with its innovative, environmentally friendly and high performance products and aims to offer value-added and different products in the light of the latest technological R&D efforts.

PRODUCT GROUP

- Electronic Hardware Design & amp
- Production
- Reverse Engineering Disciplines
- Medical Information Systems,
- Li-Ion based power systems Design & amp; Production
- Industrial Information Systems Design & Production

SECTOR

Communication And Antenna Systems/ Defense Equipment/ Medical

CONTACT

Ferhatpaşa Mah. 53 Sok. No: 41 Technopc Plaza Ataşehir / İstanbul Phone: 0(216)3293999

www.technopc.com.tr / info@technopc.com.tr





VOLT TEKNOLOJİ GELİŞTİRME MÜHENDİSLİK A.Ş.



Volt Defence combines its unique design and advanced technology capabilities with high production power and presents its innovative products to the global market in defense industry and aviation fields. Volt Defence provides continuous development and sustainability in electric motors and drives, power transmission systems, arms and ammunition subsystems, electromechanical drive systems, from the R & D phase to the integrated logistics support process Volt Defence develops its integration and design experiences and supports Platform and System manufacturers in line with their needs.

PRODUCT GROUPS

- Electric Motors and Power Systems
- Continuous Magnetic Servo Motors, Air & Sea Vehicles Electrical Power / Alternator Systems and Control Units
- Electromechanical Actions and Torque Motors
- Actuators and Torque Motors
- Motion Control Systems and Drivers
- Guidance Kits, Wing Drive Systems, Flight Control Systems

SECTOR

Test/ Defense Equipment/ Electric Motors

CONTACT

Kemalpaşa O.s.b. Mah. 31. Sk. Kemalpaşa/İzmir Phone: 0(232)8771060

www.voltsavunma.com.tr / bilgi@voltsavunma.com.tr



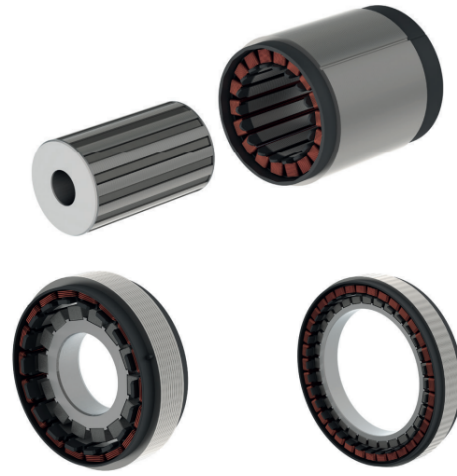
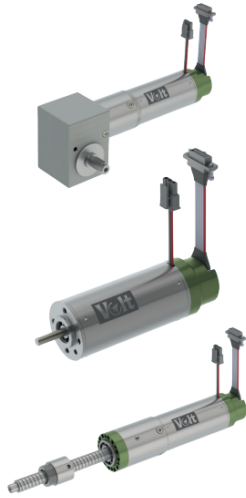
UR-GE

Turkey
Discover
the potential

SAHA
İSTANBUL
SAĞLIK, HAVACILIK VE UZAY KÜLTÜRÜNÜ DESTEKLEMEK İÇİN



T.C. TİCARET
BAKANLIĞI





SAHA EXPO DEFENCE & AEROSPACE EXHIBITION

SAHA EXPO Defence & Aerospace Exhibition organized by SAHA Istanbul the largest industrial cluster of Türkiye and Europe with 876 companies and 24 universities, organized under the auspices of the Presidency, with the participation and support of the Ministry of Foreign Affairs, Ministry of Interior, Ministry of National Defense, Ministry of Industry and Technology, Ministry of Trade, Defense Industry Agency, and other civil and military public institutions. It is an international platform where the increase in Türkiye's domestic production potential and its independent production power are exhibited. At SAHA EXPO, where high-tech products are exhibited, many strategically important products in the defense, aviation, maritime and space industries are introduced for the first time.

SAHA EXPO 2022 Defence & Aerospace Exhibition, under the auspices of the Presidency of the Republic of Türkiye, with the support of a total of 18 institutions, including 5 Ministries and 13 Civil/Military institutions, under the management of SAHA Istanbul, was organized by SAHA EXPO Inc. for the third time in Istanbul Expo Center between 25-28 October 2022.

SAHA EXPO 2022 Exhibition, which was started with the aim of "to make the maximum contribution to the promotion of Türkiye and the Turkish defence, security, aviation and space industry and to increase its export potential" and which was held after a long planning and preparation period, from 109 countries: 78,643 visitors, including 390 foreign and 567 domestic, 957 companies, 268 official delegations, 112 commercial delegations, and 40,000 industry professionals. Thousands of B2B, G2B and G2G meetings and booth visits, 9 international panels and 3 keynote speaker sessions, product launches by 281 companies and 114 signing ceremonies with a financial value of over 1 billion dollars and an export rate of at least 60% were held at the exhibition.

