

HAVELSAN RESTRICTED



Coding
The Trusted Future



Havelsan is an affiliated company of
Turkish Armed Forces Foundation

CORPORATE

HAVELSAN is one of the leading technology companies of Türkiye, 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.

HAVELSAN has established itself as a reliable, sustainable and strategic solution partner to meet the security and safety needs of friendly and allied countries with scientific, unique, innovative, and high-technology products, solutions, and services.

HAVELSAN, not only designs innovative technologies but also develops holistic defense systems for a trusted future. HAVELSAN also leads the way for digital transformation both at home and abroad.

Armed
Forces



Government
Agencies



Local & Global
Companies

28 COUNTRIES

OVERSEAS PRESENCE



COUNTRIES WHERE WE PROVIDE OUR SOLUTIONS



1982

2024

HAVELSAN offers new generation end to end solutions with a broad range of indigenous products and services. HAVELSAN has undersigned many reference projects at home and abroad in the fields of:

- Command Control and Defence Technologies
- Simulation, Autonomous, and Platform Management Technologies,
- Information and Communication Technologies,

HAVELSAN Vision

Growing into a global brand in Defense and Information Technologies.

HAVELSAN Mission

Providing all of our clients including the Defense Industry and the Public Agencies in particular with scientific, unique, innovative and high-technology products, solutions, and services. Developing unique technologies, products, and solutions to lead the way for digital transformation.

FACILITIES

HEADQUARTER & R&D CENTER [ANKARA]

- C4ISR Technologies
- Simulation, Autonomous and Platform Management Technologies
- Information and Communication Technologies

Personnel	2600+
Subsidiaries	14
Ecosystem Companies	900+
Countries	28



**SIMULATION CENTER
[ANKARA]**



**METU TECHNOLIS
[ANKARA]**



**TEST INTEGRATION FACILITIES
[ANKARA - TEMELLİ]**



**NAVAL COMBAT
SYSTEMS & R&D CENTER
[İSTANBUL]**



**BİLİŞİM VADİSİ
[GEBZE-KOCAELİ]**

PARTNERSHIP STRUCTURE

TURKISH ARMED FORCES FOUNDATION (TSKGV)	% 99,4875
TURKISH AIR AGENCY (THK)	% 0,5
KUTLUTAS CONSTRUCTION AND TRADING INDUSTRY LTD. COMPANY	% 0,0125

SUBSIDIARIES & ASSOCIATES

Company	Country	Company Informations	Ownership
 Q3D		QUANTUM 3D Simulation, Training, Technology	% 100
		HTR HAVELSAN TEKNOLOJİ RADAR SAN. VE TIC. INC. Activities in Radar Systems, Network Based Security Systems, Wire & Harness Design/Assembly and Software Support.	% 99,98
		HTO HAVELSAN TECHNOLOGY OMAN ENTERPRISE LLC Defense, Simulation & Training, ICT and Homeland & Cyber Security	% 100
		BİYOTEKSAN Biometric Data System	% 50
		ASİSGUARD Vision and border security systems, military vehicle electronics systems, rotary wing armed/unarmed drone systems, display system solutions	% 49
		EHSİM HAVA ELEKTRONİK HARP SİSTEMLERİ MÜH. TIC. A.Ş. Electronic Warfare, Tactical Command and Control Systems and Sensor Integration	% 49
		STM SAVUNMA TEKNOLOJİLERİ MÜHENDİSLİK VE TİCARET A.Ş. Engineering, Technology and Consulting	% 31
		ULAK COMMUNICATIONS INC. 5G, Broadband Communication Technologies, Networking Technologies	% 25
		ITU TEKNOPARK Inc. Technopark / Technology Development Area	% 5
		TEKNOHAB TEKNOLOJİ GELİŞTİRME BÖLGESİ YÖNETİCİ A.Ş. Defence and Aerospace	% 15
		ROKETSAN ROKET SANAYİ VE TIC. A.Ş. Manufacture of bombs, missiles and similar war equipment, cartridges, other rounds and ammunition and parts thereof	% 4,5
		TURKISH CABIN INTERIORS (TCI) Design, development, manufacture, integration, modernization and after-sales services of civil aircraft cabin interior systems	% 2,91
		ADIYAMAN CABLE AND CONNECTOR Inc. Production, design, and sales of cables, connectors, cabling, and related products and technologies.	% 6
		PETLAS Inc. Manufacturer and supplier of a wide range of inner and outer tires for all land vehicles, including military aircraft tires.	% 0,0011

COMPETITIVE ADVANTAGES OF HAVELSAN

- A strong brand and high reputation
- More than 40 years in defence, simulation and ICT fields
- High qualified human resources whose %75 is consisted of top engineers and competent in software development
- An affiliation of Turkish Armed Forces Foundation, backed and supported by The Presidency of Turkish Republic
- Wide range of product, solution and services portfolio
- Significant references at home and global
- Records of successful projects with high satisfaction of clients
- Advanced integration capability
- Capability and experience in niche domains
- Providing Integrated Logistics Support /After Sales Support
- Offering customised solutions, NATO compliant systems and technologies
- Combat Proven solutions
- Strong innovation culture, High R&D budget
- Critical provider of Turkish Armed Forces
- High maturity in project based operation culture
- Thanks to project based working model long lasting collaborations with the clients
- Assuming the role of strategical, reliable solution partner
- Aside from being a defense company operating in ICT field
- Software intensive high technology systems, solutions, services and products
- Capability to integrate different systems and platforms of differing origin, brand or technology
- A critical player and technology powerhouse of Turkish Defense industry which is ranked top at global scale
- Flexibility to assume alternative business models
- Providing technological consultancy to its customers, favouring Transfer of Technology
- Working shoulder to shoulder with more than 900 companies accredited to its high quality business eco system

AT A GLANCE

HAVELSAN is 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 Türkiye'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, 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.

Thanks to its Autonomous and Platform Technologies, HAVELSAN has combined its Hybrid Swarm intelligence capabilities with its years long experience in Joint Robotics and Autonomous Systems. The prominent autonomous unmanned aerial, land and naval vehicles HAVELSAN has developed within the concept of Digital Troops are BARKAN / KAPGAN (Autonomous Medium/Heavy Class UGV), BAHA (Sub-Cloud Autonomous UAV) and SANCAR SIDA (Armed Unmanned Autonomous Naval Vehicle).

As it is a software company HAVELSAN offers products and solutions in ICT apart from the defense industry. 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 enjoys a successful and steady growth in its export performance and delivers many projects in the defense industry abroad. HAVELSAN keeps signing very critical contracts with several countries that will turn into export records in the coming years. Combat Management System/Ship Data Distribution System/Air Command Control System software contracts with friendly and allied countries are illustrating HAVELSAN's export dynamism.

HAVELSAN expands and diversifies its presence in the markets where it is already operational and penetrates into new markets. The Asia-Pacific region, the Middle East, and the Gulf region are the regions where HAVELSAN has been running operations for a long time now, carried out projects, and have ongoing contracts. Apart from this, Latin America, North African countries and Sub-Saharan Africa are the new geographies that HAVELSAN tracks several opportunities and establish new business collaborations. HAVELSAN also monitors the market developments and

AT A GLANCE

trends in Eastern Europe and Western Europe closely.

HAVELSAN attaches great importance to local presence in its target countries as well. As a result, HAVELSAN launched an offshoot in Qatar, HAVELSAN Technology Oman LLC was established in Oman while a country office was founded in Malaysia, in Azerbaijan and a JV was established in Pakistan. In addition to that, HAVELSAN has boosted operations through local office in Romania and is about to establish local presence in Indonesia. In the upcoming period, HAVELSAN will continue to expand and diversify its presence in its target markets where it runs operations.

Today, HAVELSAN has access to the markets of more than 20 countries, ranging from Pakistan to Qatar, from Malaysia to Oman, from Kuwait to South Korea and Indonesia, with its state-of-the-art technology products, solutions, projects, and services. HAVELSAN will continue to focus on new collaborations and business development activities both in the existing and new markets.

C4ISR TECHNOLOGIES (NAVAL, LAND & AIR)



NAVAL COMBAT
MANAGEMENT SYSTEM



NAVAL SURVEILLANCE
SYSTEMS



PLATFORM AND COMBAT
SYSTEM INTEGRATION SERVICES



PLATFORM DATA
DISTRIBUTION SYSTEMS



TACTICAL DATA LINK
MANAGEMENT SYSTEM



RADAR SYSTEMS



JOINT AND LAND C4ISR
SYSTEMS



AIR C2IS AND MISSION
SYSTEMS



SUPPLEMENTARY SYSTEMS

OUTSTANDING ACCOMPLISHMENTS

C4ISR TECHNOLOGIES

- Market leader of Türkiye in Command and Control Technologies for over 20 years, continuing unmatched leadership in defense systems.
- ADVENT CMS or ADVENT-based solutions have now been integrated into more than 60 surface platforms and 20 submarines both nationally and internationally.
- Delivery of the 46th PDDS (Platform Data Distribution System), with localization reaching 85% in hardware and 100% in software, reinforcing Türkiye's self-reliance.
- Completion of the Mid-life modernization for TCG-Preveze Submarine, integrating cutting-edge technologies.
- Deployment of ADVENT-based Tactical Data Link System through the Müren Akos Project onboard Preveze Class Submarines.
- Modernization of Romanian SCOMAR System, covering 100 km of the Exclusive Economic Zone with integrated surveillance solutions.
- Progress in the CENGAVER Digital Soldier Project, enhancing real-time health and location tracking through wearable tech and UWB.
- Successful final demonstrations of the TeamAware Project under EU Horizon 2020, featuring drones, AR interfaces, and wearable sensors for first responders.
- Active role in HIVEMIND Project, developing AI-driven, human-centric software engineering with large language model technologies.
- From Asia-Pacific to Latin America 8 countries have selected ADVENT CMS for their naval modernization programs.
- Signed agreement with PT PAL for Merah Putih Frigates, delivering CMS, NDDU, TAKS, and CSI services with project activation in May 2024.
- Agosta 90B Submarine Modernization continues with integration for the third submarine, following successful delivery of two platforms to Pakistan Navy.
- MILGEM-5 and DIMDEG Projects marked with successful system tests and provisional acceptance milestones in 2024.
- Integration of CMS and SDDS for TCG Anadolu, with ongoing collaboration with Baykar Defense

OUTSTANDING ACCOMPLISHMENTS

C4ISR TECHNOLOGIES

for TB3 UAV systems.

- Modernization contracts signed for HIU and KCR-60 class vessels, with successful Factory Acceptance Tests and sea trials planned.
- ADVENT MARTI launched, bringing advanced command-and-control capabilities to special mission aircraft and helicopters.
- Participation in NATO CWIX 2024 Exercise, validating ADVENT's compliance with NATO standards.
- CMS/SDDS exports now cover four countries, with additional contracts under negotiation, reaffirming HAVELSAN as the export leader for the past 16 years.
- First Command and Control System export to Asia-Pacific region, strengthening Türkiye's global footprint.
- Continued support for Peace Eagle AEW&C modernization, covering Mission Computing, national IFF, navigation, and communications.
- HAVELSAN TICCS has served Turkish Air Forces for 17 years, now part of a new contract signed in June 2024 for comprehensive modernization.
- Command Control & Information System Solutions now support allied Air Forces, expanding HAVELSAN's influence across multiple operational layers.
- Technical coordinator of TeamAware, ranked first among 90 EU Horizon 2020 projects, with participation from 24 partners across 13 countries.

SIMULATION, AUTONOMOUS AND PLATFORM MANAGEMENT TECHNOLOGIES



TRAINING CENTERS



TRAINING SYSTEMS



TRAINING PRODUCTS & SOLUTIONS



ROBOTICS AND AUTONOMOUS
SYSTEMS



PLATFORM MANAGEMENT
SYSTEMS



CIVIL AVIATION TRAINING
SOLUTIONS



TEST & TRAINING RANGES



REAL-TIME OPERATING SYSTEM



DECISION SUPPORT & WAR
GAMING SOLUTIONS



AR/VR/MR SOLUTIONS



NATIONAL COMBAT AIRCRAFT



INTEGRATED LOGISTICS
SUPPORT SERVICES

OUTSTANDING ACCOMPLISHMENTS

Simulation, Autonomous and Platform Management Technologies

- Türkiye's leading exporter of simulation technologies for over a decade, setting the benchmark in advanced training and mission systems.
- Proud member of ETSA and NTSA, contributing to global simulation standards and collaborative innovation.
- International pilot and military personnel training delivered using HAVELSAN simulation platforms, with 62 pilots from five countries trained in 2024 alone.
- Enhanced Wargaming capabilities delivered in-house and through strategic partnerships, both domestically and abroad, for NATO and allied forces.
- Deployment of advanced Virtual Maintenance Trainers, including F-16 systems delivered to the Turkish Air Force, enabling efficient, immersive maintenance training.
- Expansion of simulation exports, including:
 - FNSS Armored Vehicle Simulators and Artillery Training Systems to Oman.
 - Six fully operational parachute simulators to Indonesia.
 - Ongoing installations in the Philippines to begin operation in Q2 2025.
- Proof of Concept completed for NATO's Next Generation of Modelling & Simulation, with additional Wargame sessions scheduled.
- Deployment of the National SCADA System to TEİAŞ and operational rollout for Türkiye's power grid.
- Medical Training Center launched for the Gendarmerie Logistics Command, enhancing emergency response education.
- Platform Training Tools delivered and operationalized for Altay and Leopard 2A4 tanks under new contracts with BMC.

OUTSTANDING ACCOMPLISHMENTS

Simulation, Autonomous and Platform Management Technologies

ADVANCES IN AUTONOMOUS TECHNOLOGIES & DIGITAL TROOPS

- Launch of KAPGAN, a new Unmanned Heavy Class Ground Vehicle, bolstering the HAVELSAN Digital Troops portfolio.
- Introduction of BOZBEY, an advanced gasoline-powered unmanned ground platform, extending autonomous ground mobility capabilities.
- BAHA VTOL UAV adopted by Turkish Armed Forces and exported internationally, demonstrating tactical success in sub-cloud surveillance operations.
- Expansion of UAV Family into marine domains, showcasing versatility in naval and offshore platforms.
- Enhanced POYRAZ drone design and operational integration into Turkish security forces.
- OPKIS System integration into SANCAR Armed Unmanned Surface Vehicle, underlining adaptability for both naval warfare and offshore energy sectors.
- Ongoing contributions to the National Combat Aircraft (KAAN) project through Digital Twin technologies, simulation software, and cyber security services.

CIVIL AVIATION

- First international delivery of Airbus A320 Full Flight Simulator (FFS) to SIMAERO, France, marking a global expansion milestone.
- EASA Level-D Certification achieved for two Airbus A320 CEO/NEO Full Flight Simulators deployed to Turkish Airlines (THY), affirming compliance with European flight training standards.
- Over 50,000 hours of commercial flight simulation training delivered in 2024, significantly supporting global pilot training needs.
- Simulator fleet including Boeing 737 NG and MAX variants, now operating under high utilization with leading airlines and training centers.

OUTSTANDING ACCOMPLISHMENTS

Simulation, Autonomous and Platform Management Technologies

MILITARY AVIATION

- Participants from several countries — including the Philippines, Malaysia, Thailand, Nepal, and Indonesia — traveled to Türkiye for training across our four simulation platforms.

Military Simulation and Training Systems

- The HISAR-A Training Simulator has been accepted and deployed at the Air Defense Training Center (HSEM).
- As a Proof of Concept, a Wargame was conducted for NATO's Next Generation of Modelling & Simulation, with two more planned for the next year.
- FNSS armored vehicle simulator and Artillery Training Systems were exported to Oman, with site acceptance scheduled for 2025.
- A total of six parachute simulators were successfully exported to Indonesia, where they are now fully operational. Additionally, simulator installation in the Philippines is ongoing, with operations expected to commence in Q2 2025.
- FNSS armored vehicle simulator and Artillery Training Systems were exported to Oman, with site acceptance scheduled for 2025.

ICT



DIGITAL TRANSFORMATION



CRITICAL FACILITY &
INFRASTRUCTURE SECURITY



ARTIFICIAL INTELLIGENCE



INTERNET OF THINGS



KOVAN ERP



BIG DATA & DATA MANAGEMENT



BIOMETRIC DATA PROCESSING



CYBER SECURITY



SMART AND SECURE CITIES

OUTSTANDING ACCOMPLISHMENTS

ICT

- Türkiye is the 7th country with its biometric data technology thanks to HAVELSAN's Authenticated Fingerprint Identification System (AFIS) identifying 40 million fingerprint in a second.
- HAVELSAN Critical Facility Security protects over 1300 km pipeline and also 29 unmanned, 7 manned and 2 sea terminals with 1300+ sensors and 1000+ cameras.
- Türkiye's biggest Enterprise Resource Planning System Project: HAVELSAN's Air Force Information System.
- Critical key partner of "Digital Turkish Lira Cooperation Platform".
- Contracts on the delivery of HAVELSAN KOVAN, the national ERP system to several institutions including Petroleum Pipeline Corporation (BOTAŞ), Naval Forces Command, Coast Guard Command, the Chief of General Staff, TAI, General Directorate of Security, and the Ministry of National Defense.
- HAVELSAN's Smart City Solutions help ensure public order and security, protect life and property of individuals, prevent crime, and detect and catch violations and suspects.
- Through HAVELSAN's platform-independent Artificial Intelligence Supported image processing, video analysis and video management systems, cities gets safer and smarter.
- HAVELSAN software based systems designed to receive data from imaging systems to be analyzed, recorded and integrated with the municipalities' systems.
- For a safe and smart public transportation; passenger density analysis, route optimization, expedition planning, detection of driver's mobile phone, cigarette, seat belt violations, detection of potholes and irregularities on the road, monitoring of municipal inventories are possible.

OUTSTANDING ACCOMPLISHMENTS

ICT

- For safe and smart parks and gardens; person density analysis, suspicious person/object tracking, missing child, area violation detections and early intervention in cases such as fire, fight, shooting are possible
- For a safe and smart infrastructure and environment; smart lighting and smart irrigation solutions, efficient management of resources are possible through HAVELSAN's AI based, high technology systems
- Determination of maturity levels of several public and private institutions with HAVELSAN Cyber Maturity Determination Service
- Cyber security solutions and consulting services for several companies, critical public and military organisations and projects at home and abroad
- HAVELSAN Drive, Data Diode and Diyalog (Secure Video Conferencing System) have been deployed in critical government institutions and military organisations
- AI-supported video analytics capabilities, including HAVELSAN's EyeMiner product, provide real-time object detection and behavioral analysis for enhanced situational awareness.
- Digital transformation solutions such as Evraka, Diyalog, Drive, and Depo have been delivered to various ministries in Türkiye, enabling secure and efficient digital workflows.

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Thank You.



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