

SDT

UZAY & SAVUNMA TEKNOLOJİLERİ

Investor Pitch Deck

10.05.2024

TİCARİ ÖZEL

CONTENT

- SDT General Overview
- Business Areas
- Financial Info
- Public Offering Info
- Facility Investment
- Strategies and Targets



SDT General Overview

TİCARİ ÖZEL

SDT

2005 Establishment Year

216 Personnel

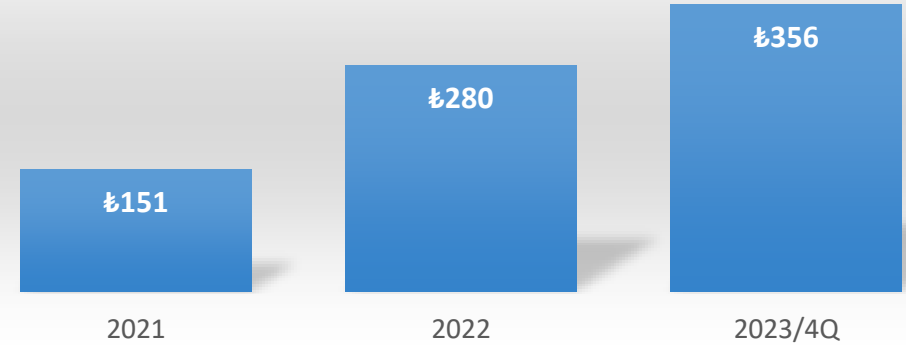
~4538 m² Facility Area, METU Technopolis

Defense Systems/Products Design, Manufacturing and Test

Net Sales(Milion TL)



EBITDA (Milion TL)



NATO
AQAP 2310

NATO
AQAP 2210

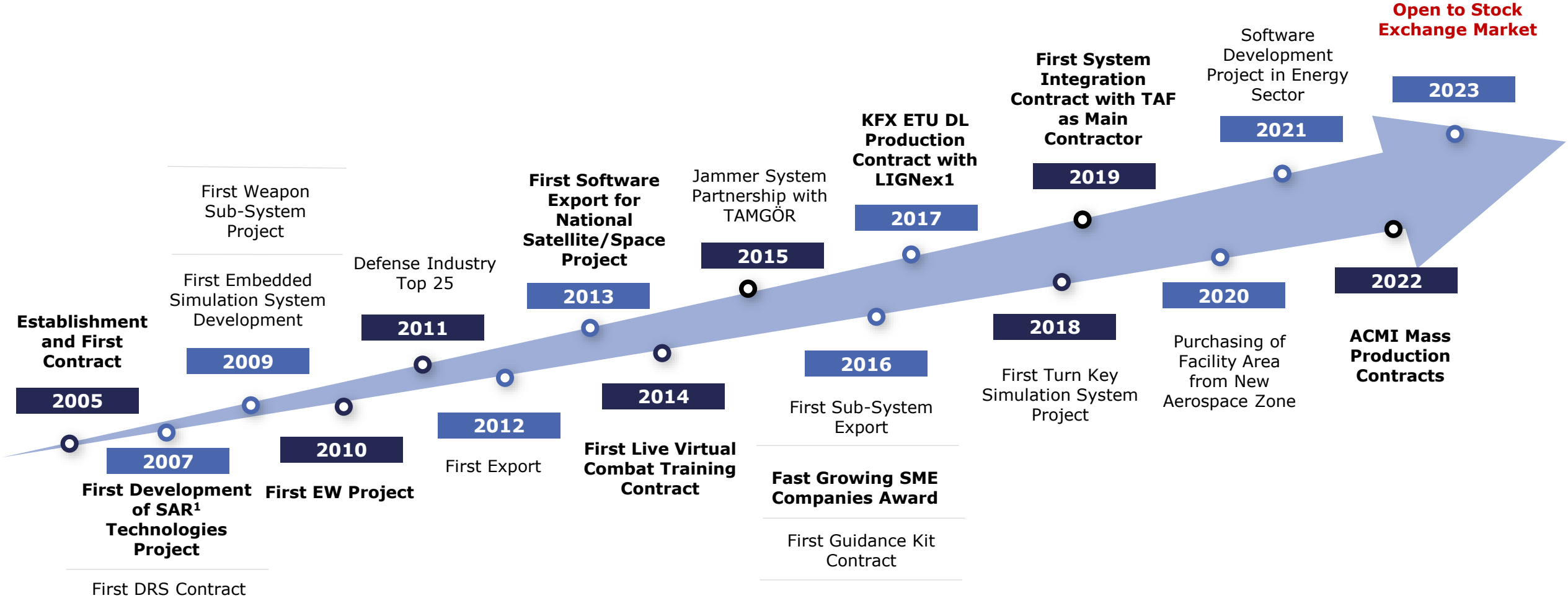
TS EN ISO 9001:2015



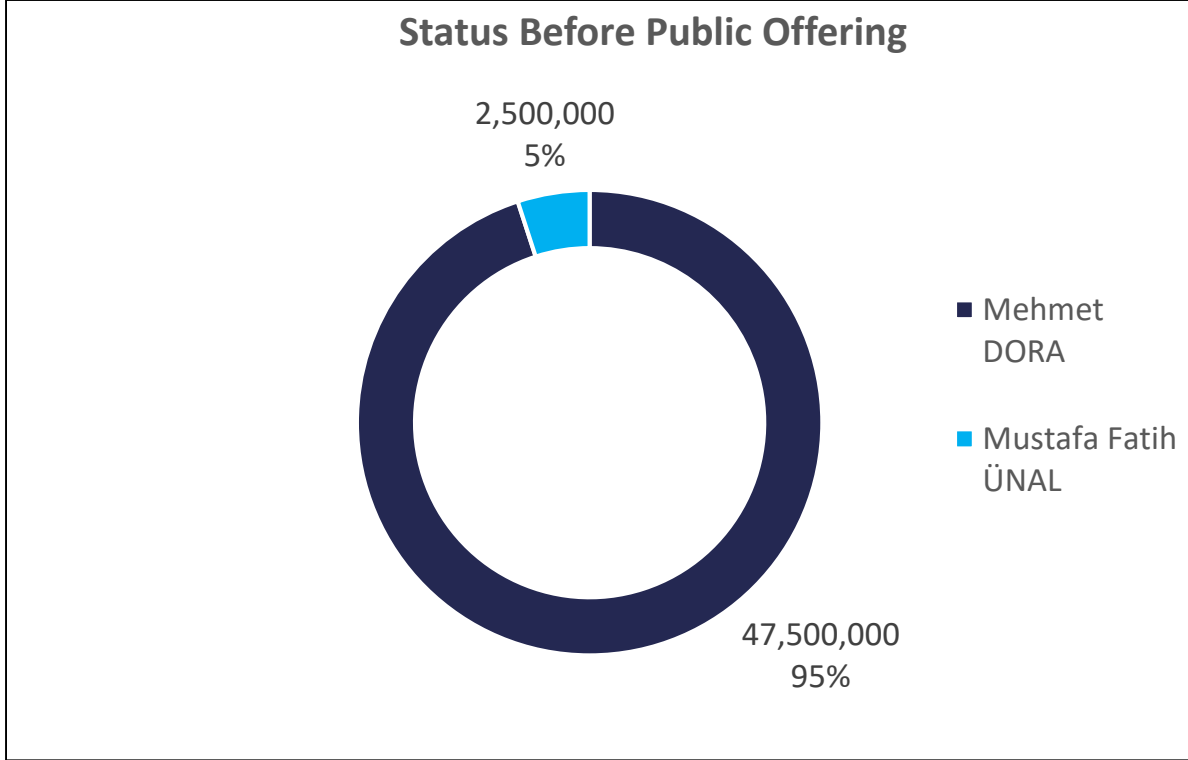
— Yerleşkeler

Facility Name	Total Area (m ²)	Ownership Status
METU Technopolis Main Campus	3.506 m ²	Rental
METU MET 2 Office	690 m ²	Rental
METU ASO Technopolis Office	342 m ²	Rental
TOTAL	4.538 m ²	

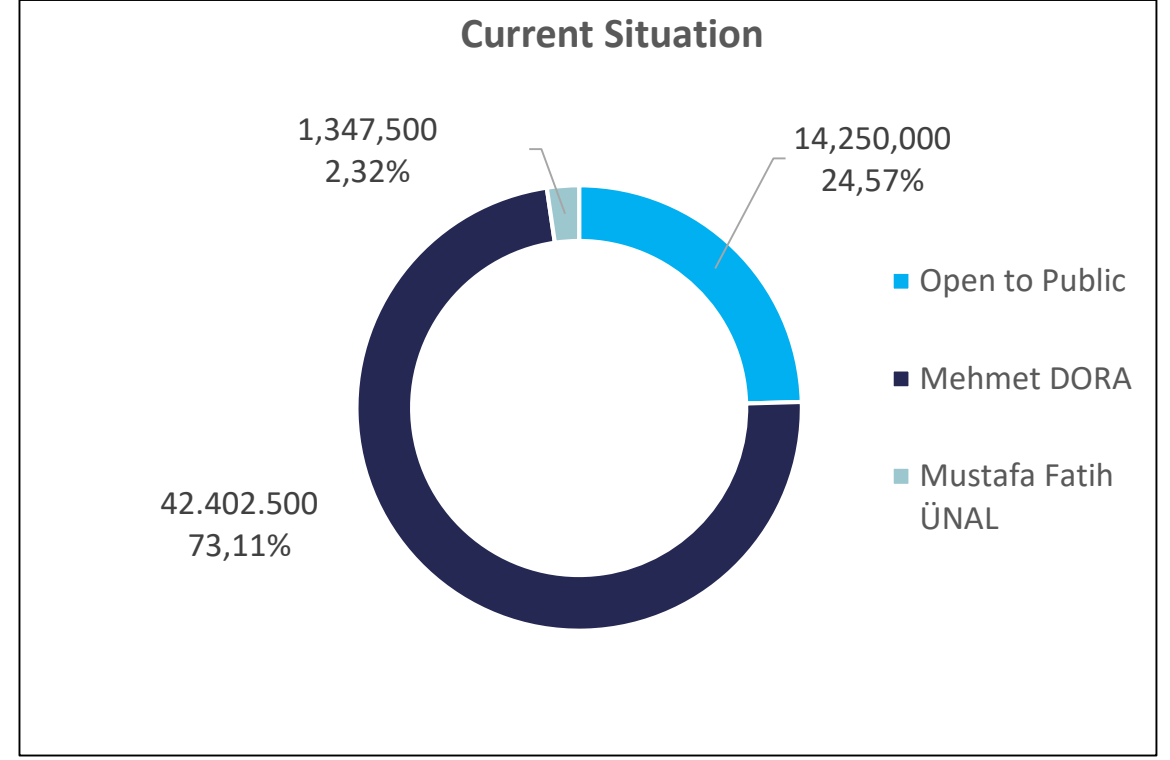
MILESTONES



Ortaklık Yapısı



Capital 50.000.000 TL



Capital 58.000.000 TL

— Yönetim Kurulu ve Üst Yönetim

M. Fatih Ünal **Vice Chairman**

34 years experience

Bachelor: METU - Electrical & Electronics
MSc: Syracuse University NY,USA -
Electrical & Electronics

Mehmet Dora

Chairman

38 years experience

Bachelor: İstanbul University -
Economics

Beril Dora

Board Member

9 years experience

Bachelor: Northwestern University IL,
ABD - İktisat ve Politika
Master's Degree: Imperial College, UK -
Investment and Asset Management

Necip Yalçın PEHLİVANTÜRK

Independent Board Member

33 years experience

Bachelor: METU – Metalurgical and
Materials

MSc: METU - Metalurgical and Materials

PhD: New Mexico Tech NM,USA -
Metalurgical and Materials

Mehmet Veysel YAYAN

Independent Board Member

46 years experience

Bachelor: Ankara University – Political
Science

Y. Lisans: İstanbul University – Faculty of
Law

Doktora: İstanbul University – Faculty of
Law

C. Erkan DORA

Deputy General Manager

32 years experience

Bachelor: METU - Mechanical Engineering

Msc: METU - Mechanical Engineering

Ömer KORKUT

General Manager

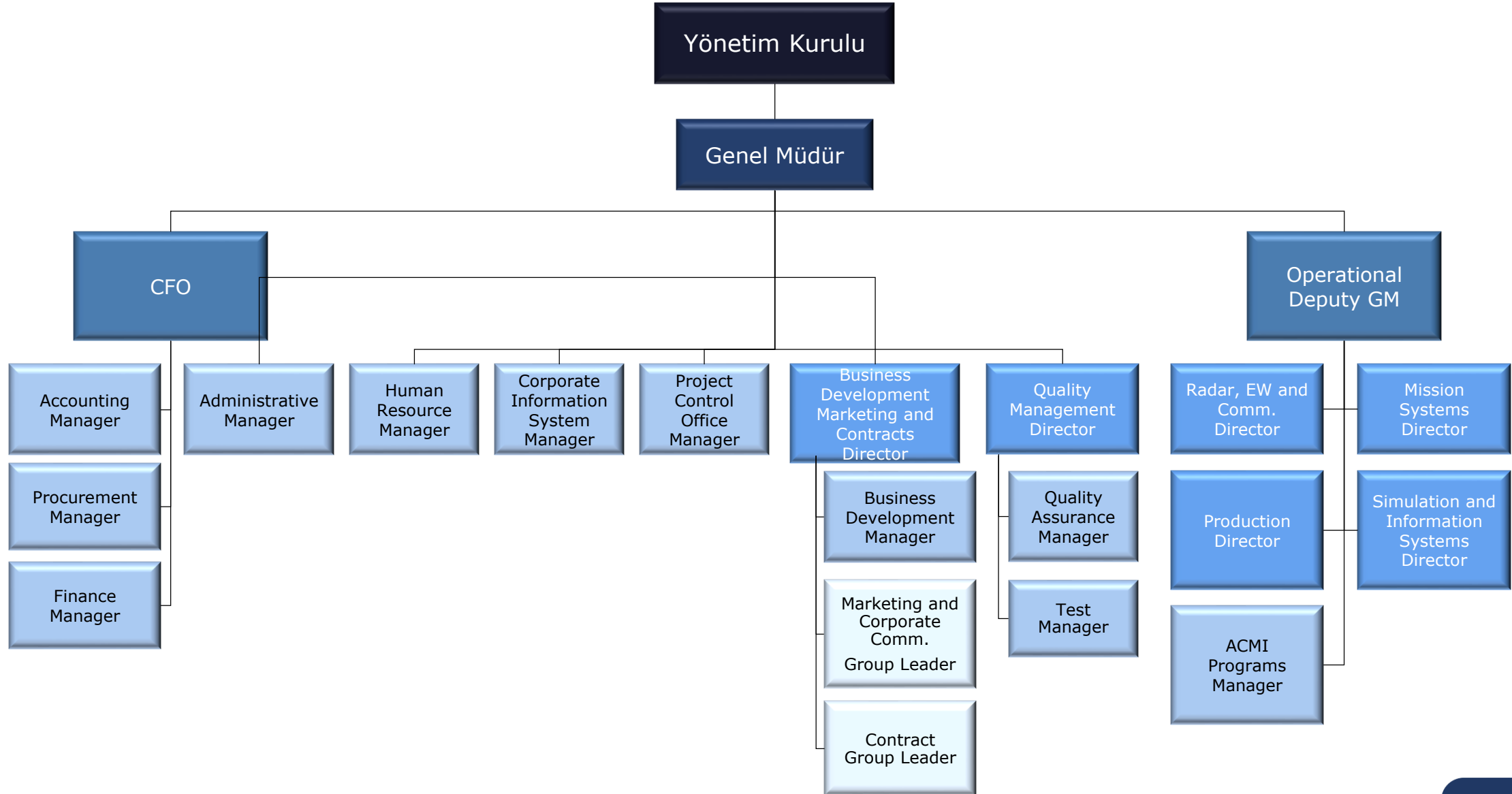
31 years experience

Bachelor: Naval Military College -

Operational Research

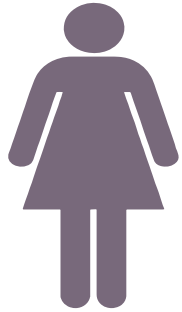
MSc: Naval Postgraduate School CA, USA -
Computer Science

Organizasyon Yapısı



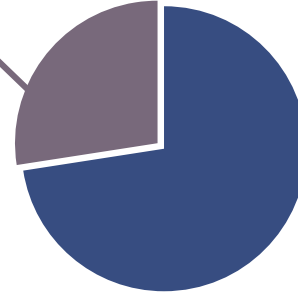
2023 YEAR-END WORKER DEMOGRAPHIC SITUATION

GENDER



%29

FEMALE
71 PERSON



%71

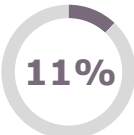
MALE
173 PERSON



FEMALE

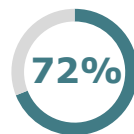


WHITE COLLAR
63 PERSON

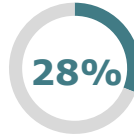


BLUE COLLAR
8 PERSON

COMPANY

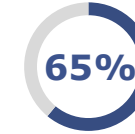


WHITE COLLAR
176 PERSON



BLUE COLLAR
68 PERSON

MAN

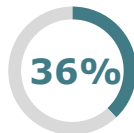


WHITE COLLAR
113 PERSON

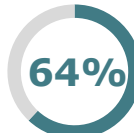


BLUE COLLAR
60 PERSON

WHITE COLLAR

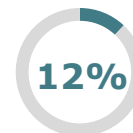


FEMALE
63 PERSON



MALE
113 PERSON

BLUE COLLAR

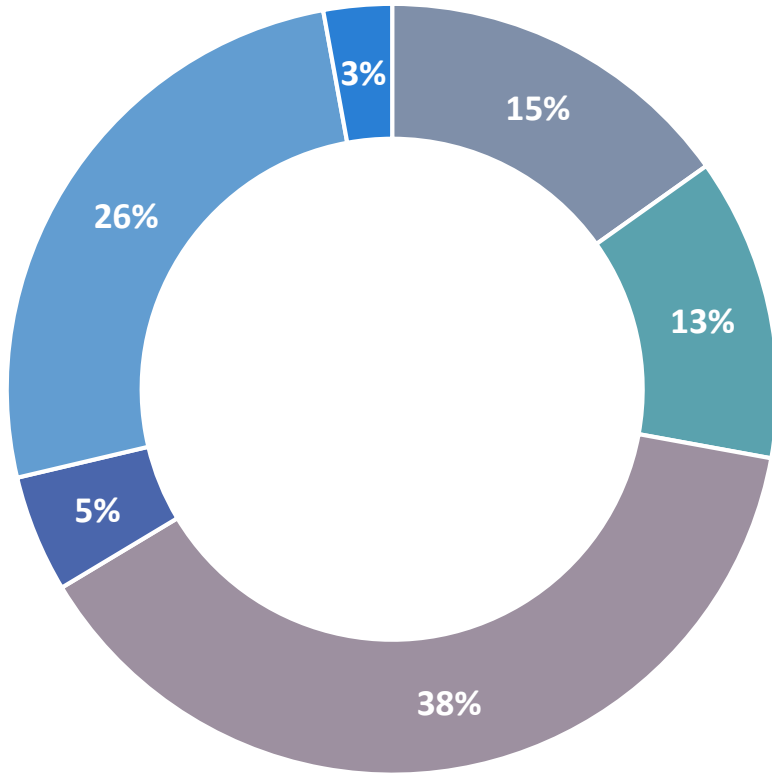


FEMALE
8 PERSON



MALE
60 PERSON

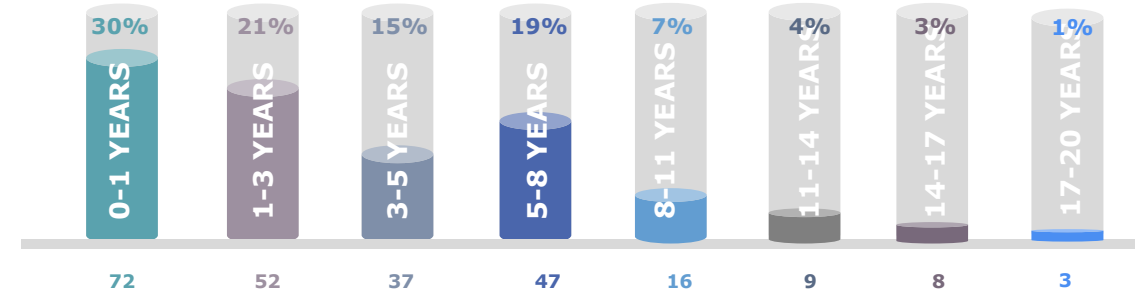
Number of Personnel – Demographic Situation



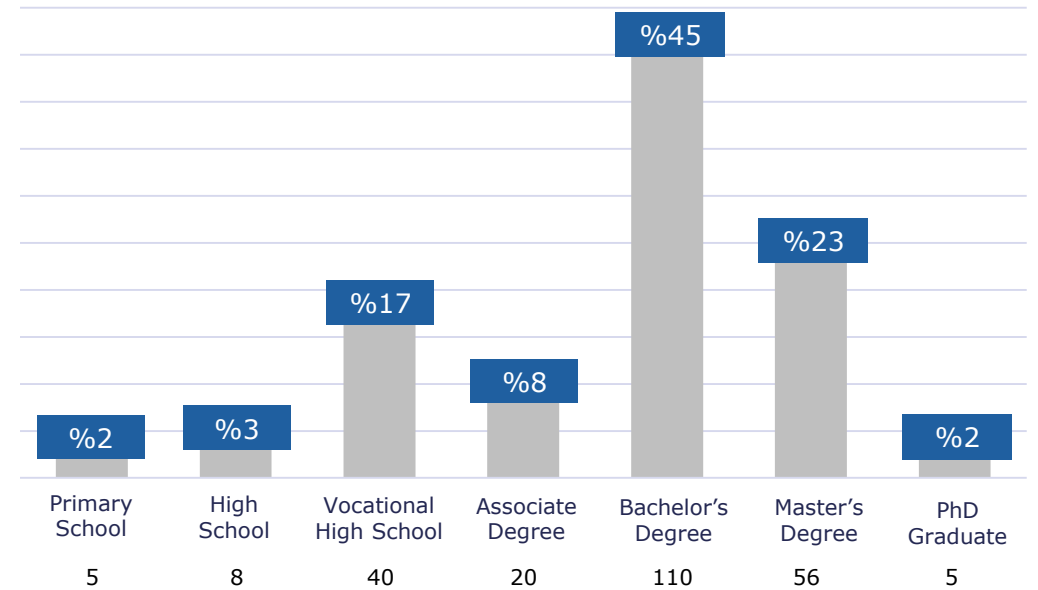
- Management
- Administrative
- Engineering
- Program Management
- Technician
- Workers

Years of Experience

244 PERSON



Education Level





Business Areas

TİCARİ ÖZEL

BUSINESS AREAS

Simulation
Systems and
Information
Technologies



Production
Programs



Radar, EW and
Communication
Systems



Mission
Systems



— RADAR, EW AND COMMUNICATION SYSTEMS

Radar Systems

- 🌐 Synthetic Aperture Radar (SAR)
 - 🌐 Stripmap, Spotlight Modes
 - 🌐 ISAR Mode
 - 🌐 Used in UAV (ANKA)



Electronic Warfare Systems

- 🌐 RF Signal Analysis System (KILAVUZ)
- 🌐 Anti-Ship Missile Simulator (PELİKAN)
- 🌐 Communications and Radar Threat Simulator
- 🌐 Anti-Drone System



Communication Systems

- 🌐 Data Link Systems
 - 🌐 Embedded Training Unit Data Link System (S.Korea KF-21)
 - 🌐 TDMA based data link

— SIMULATION SYSTEMS AND INFORMATION TECHNOLOGIES

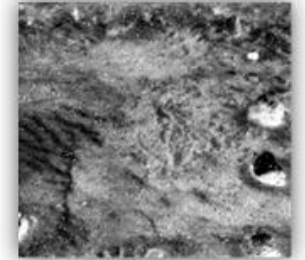
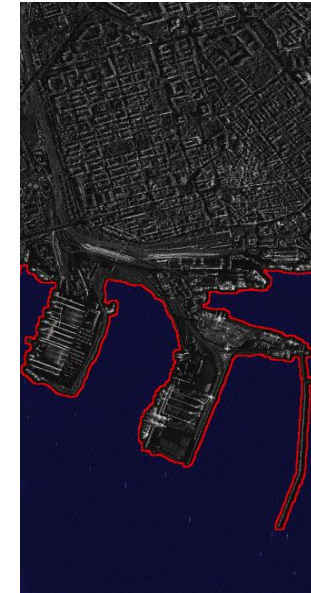
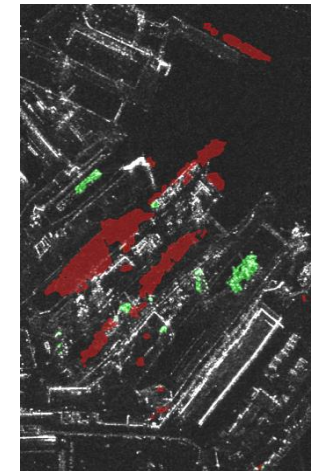
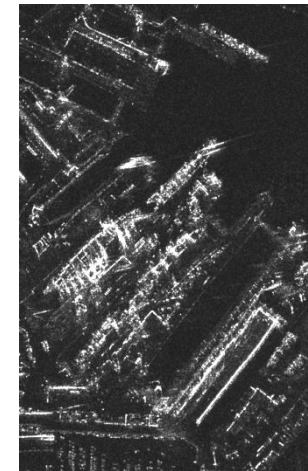
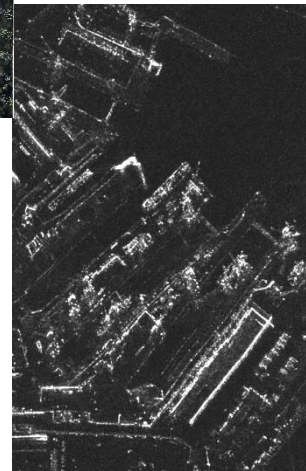
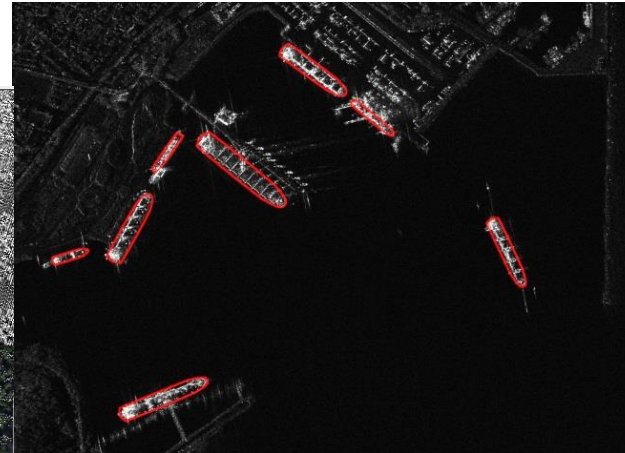
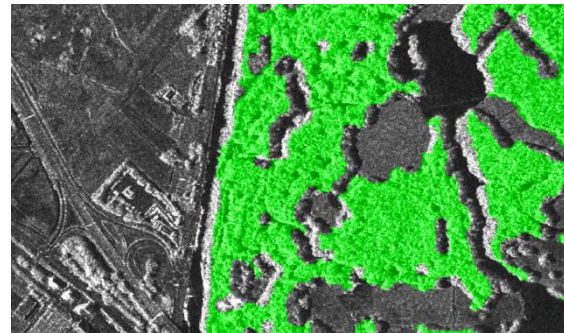
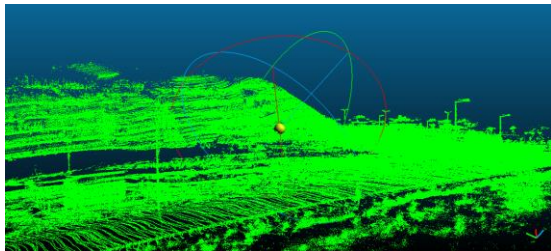
IMAGE PROCESSING AND DATA SCIENCE/AI CAPABILITIES

🌐 Automatic Target Detection

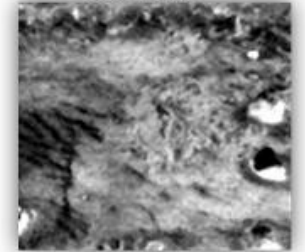
- 🌐 Classification
- 🌐 Change Detection
- 🌐 Automatic Target Recognition
- 🌐 Visualization
- 🌐 Video Analytics

🌐 Multi-Sensor Data Fusion

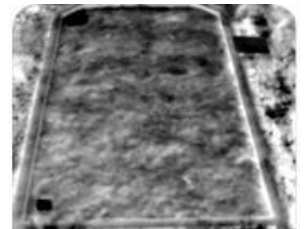
- 🌐 SAR
- 🌐 EO
- 🌐 IR
- 🌐 Hiperspektral
- 🌐 Lidar



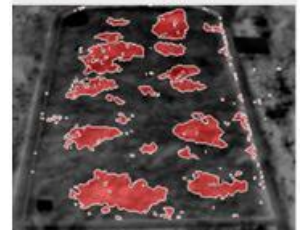
Noisy Band



Denoised Band



Broadband Data



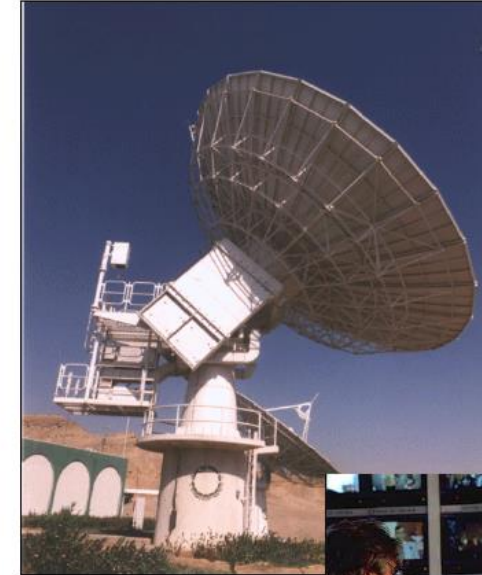
Spectral Matching Result

— SIMULATION SYSTEMS AND INFORMATION TECHNOLOGIES

GROUND STATION SOLUTIONS

Ground Station (Uss-user Station Sub Systems)

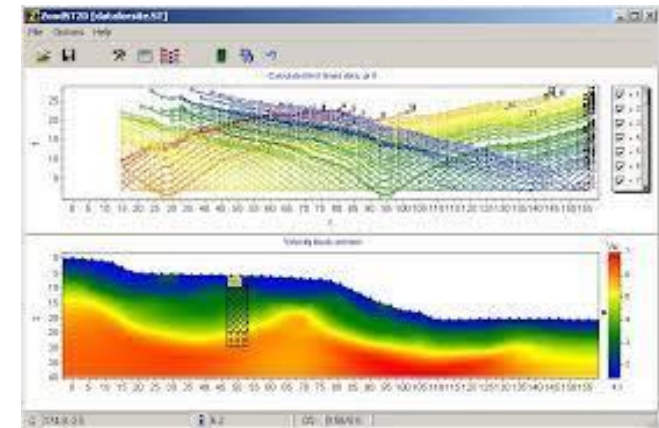
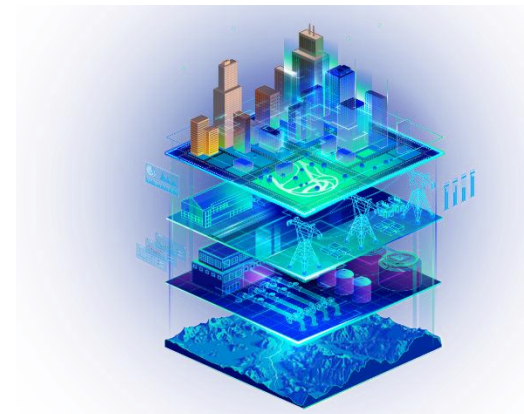
- 🌐 Systems Engineering and System Integration
- 🌐 Catalog, Archive & Distribution and Publishing
 - 🌐 Catalog Archiving (Satellite image + metadata)
 - 🌐 GK-1 ve GK-2
 - 🌐 Catalog Services
 - 🌐 Preparation of items to be distributed
- 🌐 Image Processing and Evaluation
 - 🌐 Image evaluation and integration of softwares
 - 🌐 EO level 1 and level 2 image processing
- 🌐 Service Access Point
 - 🌐 Gathering user requests
 - 🌐 Image preprocessing
 - 🌐 Developing image workflows
- 🌐 Remote User Units



— SIMULATION SYSTEMS AND INFORMATION TECHNOLOGIES

ENERGY SYSTEMS SOLUTIONS

- ④ National Seismic Data Processing Software Development
 - ④ Seismic Processing Visualization Module Infrastructure
- ④ Spatial Map Management System
 - ④ With TP-OTC collaboration in scope of Sakarya Natural Gas Development Program “Digital Twins Project – GeoSpatial Web Portal Application”



— SIMULATION SYSTEMS AND INFORMATION TECHNOLOGIES

AIR COMBAT TRAINING SYSTEMS

- ④ Embedded Training Systems
 - ④ TX and FX platforms in LVC concept
 - ④ LRU form
 - ④ Avionics integration
- ④ ACMI Systems
 - ④ External load (pod) form
 - ④ Ground station
 - ④ Live Monitoring & Debriefing
 - ④ FX platforms in LVC concept



— SIMULATION SYSTEMS AND INFORMATION TECHNOLOGIES

LAND COMBAT TRAINING SYSTEMS

- 🌐 Small Arms and Light Weapons Training Simulator
- 🌐 Air Defence Missile Training Simulator
- 🌐 Anti-Tank Missile/Rocket Training Simulator
- 🌐 Tactical Ballistic Missile Training Simulator

NAVAL COMBAT TRAINING SYSTEMS



MISSION SYSTEMS

PLATFORM MANAGEMENT SYSTEM



**Airborne
Computer for
Moving Map
Applications**



**Video Symbol
Generator Unit**



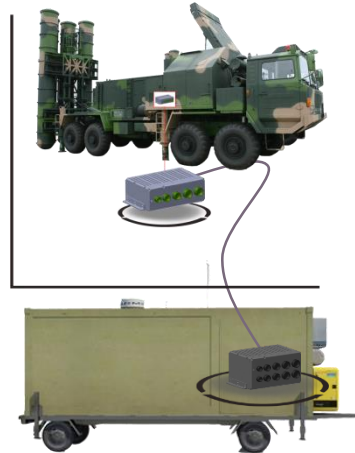
**Precise Position
Determination
Computer**



**Video Multiplexer
Unit**



Remote Control System



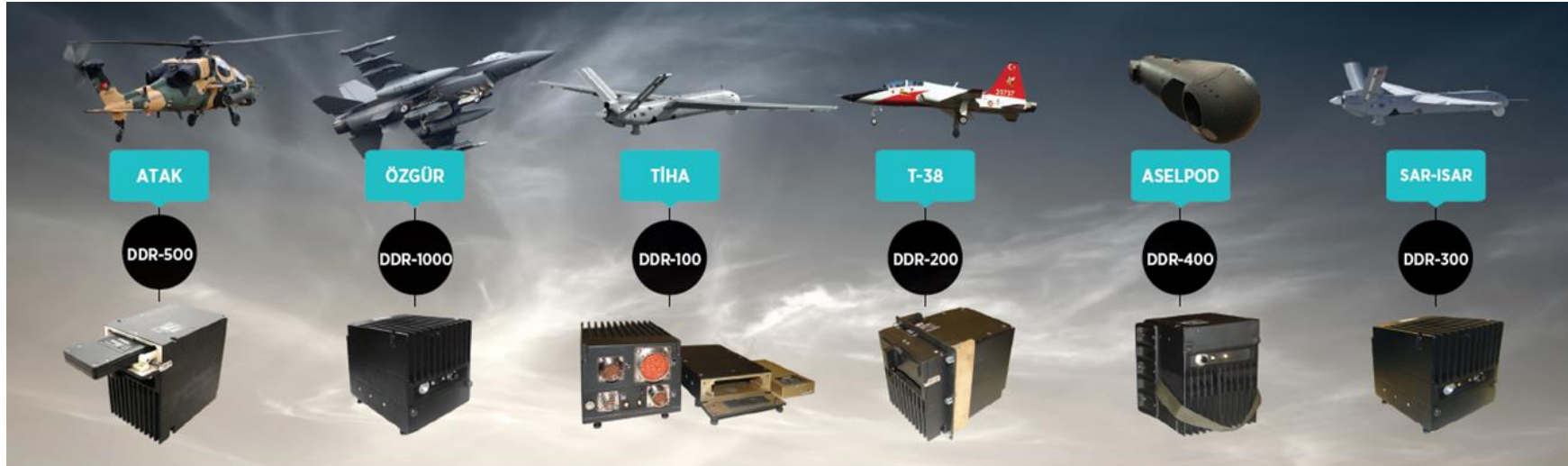
Remote Command Unit



UAV Flight Control Computer

MISSION SYSTEMS

DATA RECORDER SYSTEMS



MISSION SYSTEMS

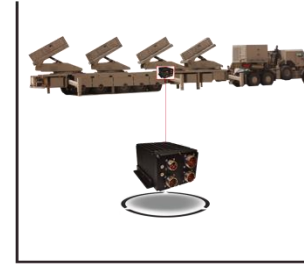
WEAPON SYSTEMS



Air Missile Launcher Control System



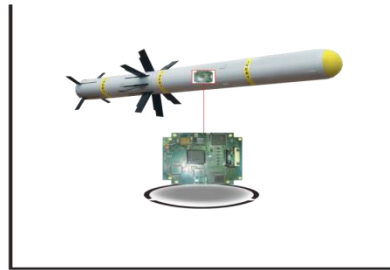
Missile Launch Control Unit



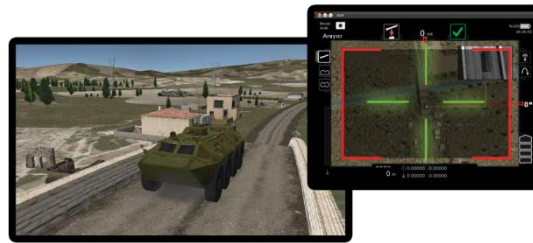
Launcher Control Computer



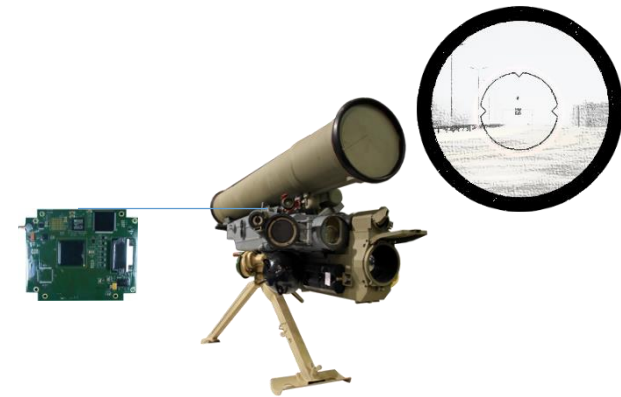
Missile Interface Unit



Video Coding System



Missile Fire Control Unit Electronics



Video Decoding Systems

— PRODUCTION PROGRAMS

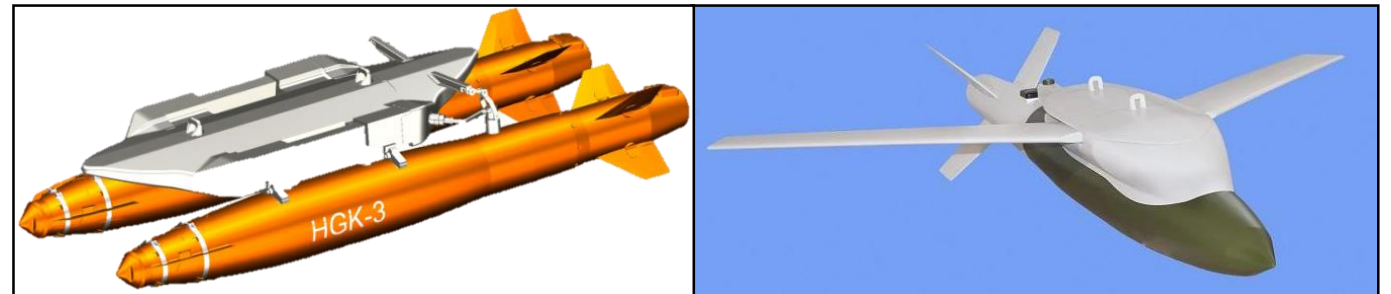
RF JAMMER SYSTEMS

- 🌐 Vehicle Type RF Jammer Systems
- 🌐 Manpack Jammer Systems



WEAPON GUIDANCE ELECTRONICS

- 🌐 Wing-assisted Guidance Kit
- 🌐 Precision Guidance Kit



AIRCRAFT ARRESTING SYSTEMS (AAS)

Fixed Hook AAS

- It is the Aircraft Arresting System (AAS), which is used as a fixed installation on the runway.
- It performs the catching operation by attaching the hook on the aircraft to the 1 ¼ inch diameter pendant cable on the AAS.



Mobile AAS

- These systems can be installed on the runway as mobile and can be carried by transport planes.
- It can be transported to spare or temporary runways.
- Includes installation kits.
- It performs the catching operation by attaching the hook on the aircraft to the 1 ¼ inch diameter pendant cable on the AAS.

Net Barrier AAS

- It is the Aircraft Arresting System (AAS) that is used by being fixed on the runway.
- It houses the Net Barrier system, which is used as a backup security measure to stop aircraft that cannot be caught by Fixed Hook AAS or Mobile AAS.
- By enabling the aircraft to enter the Net Barrier system, the possibility of exiting the runway is eliminated.



DESIGN AND PRODUCTION INFRASTRUCTURE

Electronics

- 🌐 Analog/Digital Card Design
- 🌐 FPGA programming
- 🌐 Microprocessors
- 🌐 Power and filtering
- 🌐 Avionics equipment



Mechanical Design

- 🌐 3D solid modeling
- 🌐 Thermal analysis
- 🌐 Environmental conditioning and ruggedization
- 🌐 Shelters and platform integration



Software

- 🌐 Embedded Software
- 🌐 Application Software
- 🌐 System Software
- 🌐 Desktop Applications



WIND RIVER



VxWorks

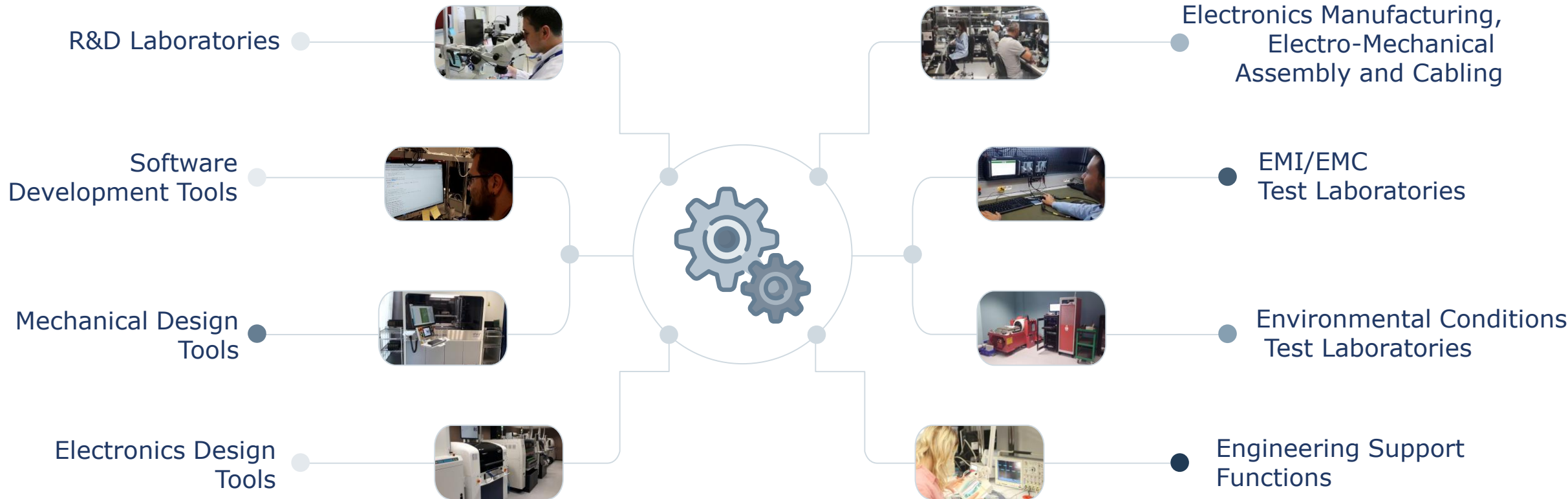
Rational software

Telelogic

DOORS



DESIGN AND PRODUCTION INFRASTRUCTURE



— PRODUCTION AND TEST INFRASTRUCTURE I

SDT carries out cabling, conformal coating, electro-mechanical insallation and automatic typesetting within its own structure.



AUTOMATIC TYPESETTING



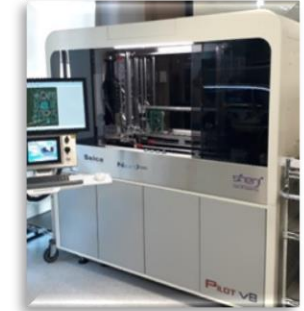
X-RAY



AOI



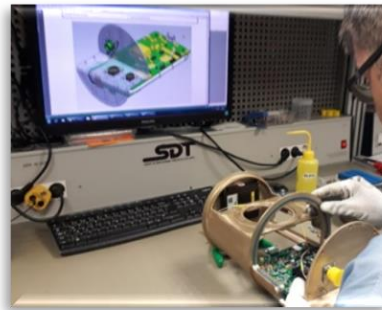
CONFORMAL COATING



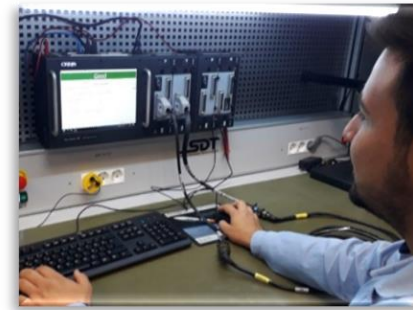
FLYING PROBE



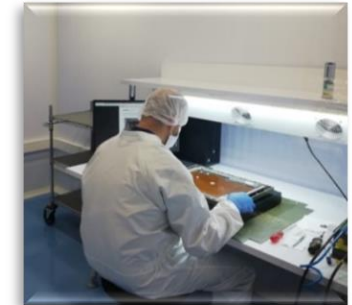
ELECTRONIC PRODUCTION



**ELECTRO-MECHANICAL
INSTALLATION**



CABLING



CLEAN ROOM

— PRODUCTION AND TEST INFRASTRUCTURE III

ENVIRONMENTAL CONDITIONS

- ⊕ MIL-STD-810G - method 501.5 High Temperature tests
 - ⊕ Operational - Storage - Special Profiles
- ⊕ MIL-STD-810G - method 502.5 Low Temperature tests
 - ⊕ Operational - Storage - Special Profiles
- ⊕ MIL-STD-810G - method 514.5 Vibration tests
 - ⊕ General Vibration - Transport Vibration
- ⊕ MIL-STD-810G - method 516.5 Shock tests
 - ⊕ Half Sine - Saw Tooth
- ⊕ R&D tests depending on customer request



VIBRATION



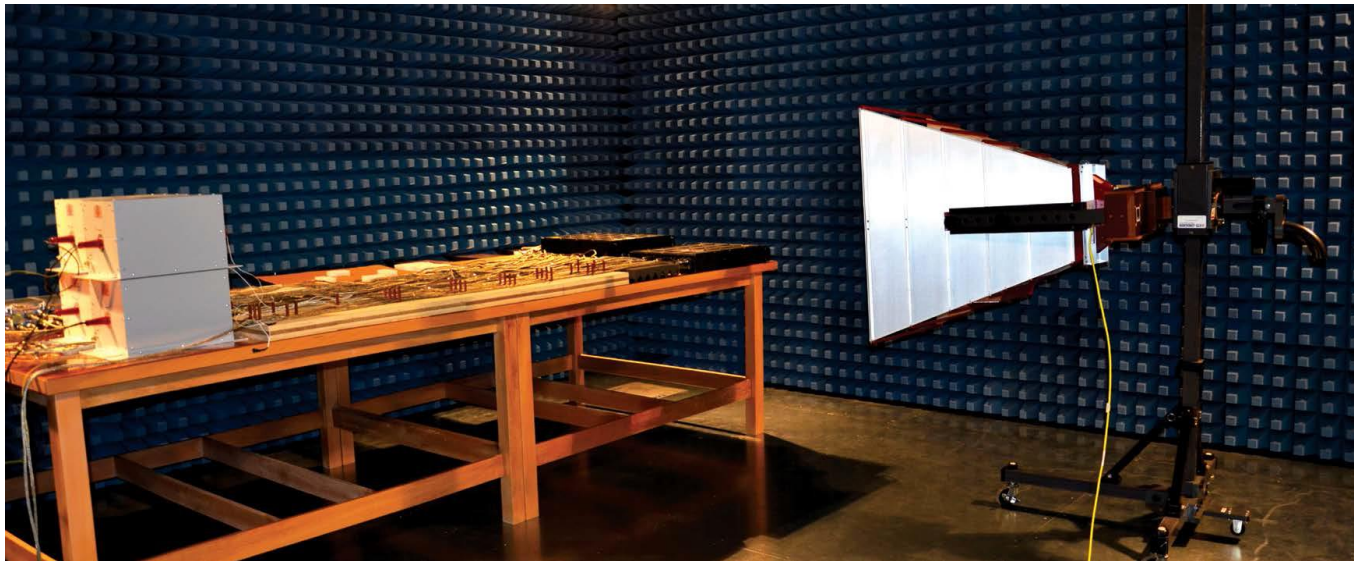
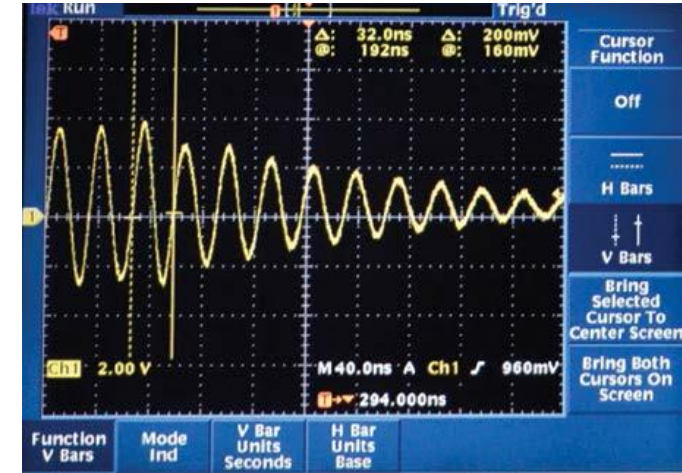
ESS

SEALING / SPRINKLER



— PRODUCTION AND TEST INFRASTRUCTURE II – EMI/EMC

- ④ 1 unit 5.92m x 5.60m x 3.50m
- ④ Sealing up to 40 GHz
- ④ Non-reflective chamber in accordance with MILSTD-461-E/F standard specs
- ④ Electrical power characteristic standards MIL-STD-704 and MIL-STD-1275 tests and ESD tests capability according to AECTP-500 /Category 501 and RTCA / DO-160 standards are available for equipment used in air and land vehicles.





Republic of Turkey Presidency



Ministry of National Defence



Turkish Armed Forces



Defence Industry Agency



Gendarmerie General Command



Coast Guard Command



TÜBİTAK



Pakistan Air Forces



LIG Nex1



대한민국공군
REPUBLIC OF KOREA AIR FORCE



South Korea



Malaysian Army



TELESPAZIO
a LEONARDO and THALES company



AgustaWestland
A Finmeccanica Company



STM



aselsan



roketsan



TAI



HAVELSAN



ayesas



ASFAT



Nigerian National Army



Libyan National Army



BMC



FNSS
Kırıkkale Kırıkkale A.Ş.



Kale Havacılık



TÜRKİYE PETROLLERİ
ANONİM ORTAKLIĞI



OTC
OFFSHORE TECHNOLOGY CENTER

UNCLASSIFIED

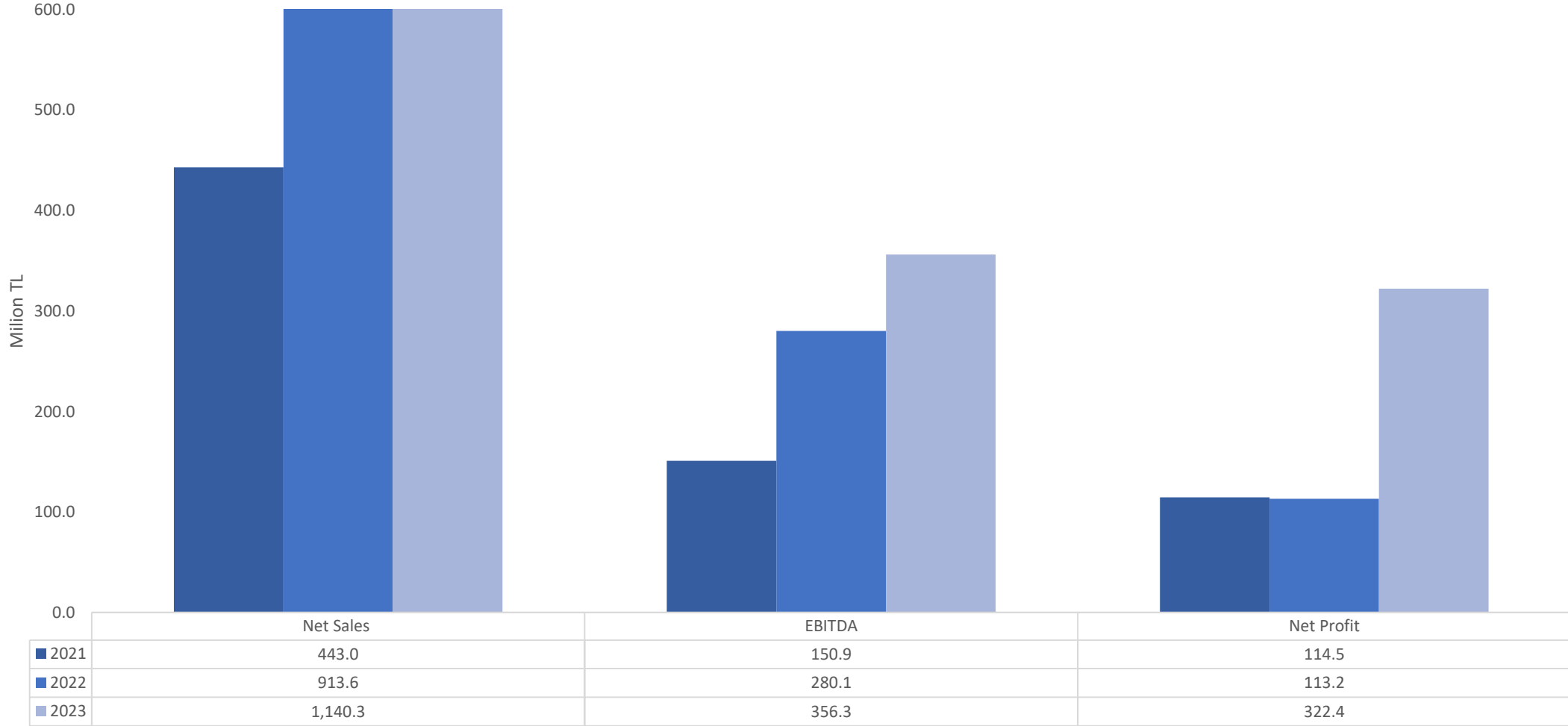


Financial Information

TİCARİ ÖZEL

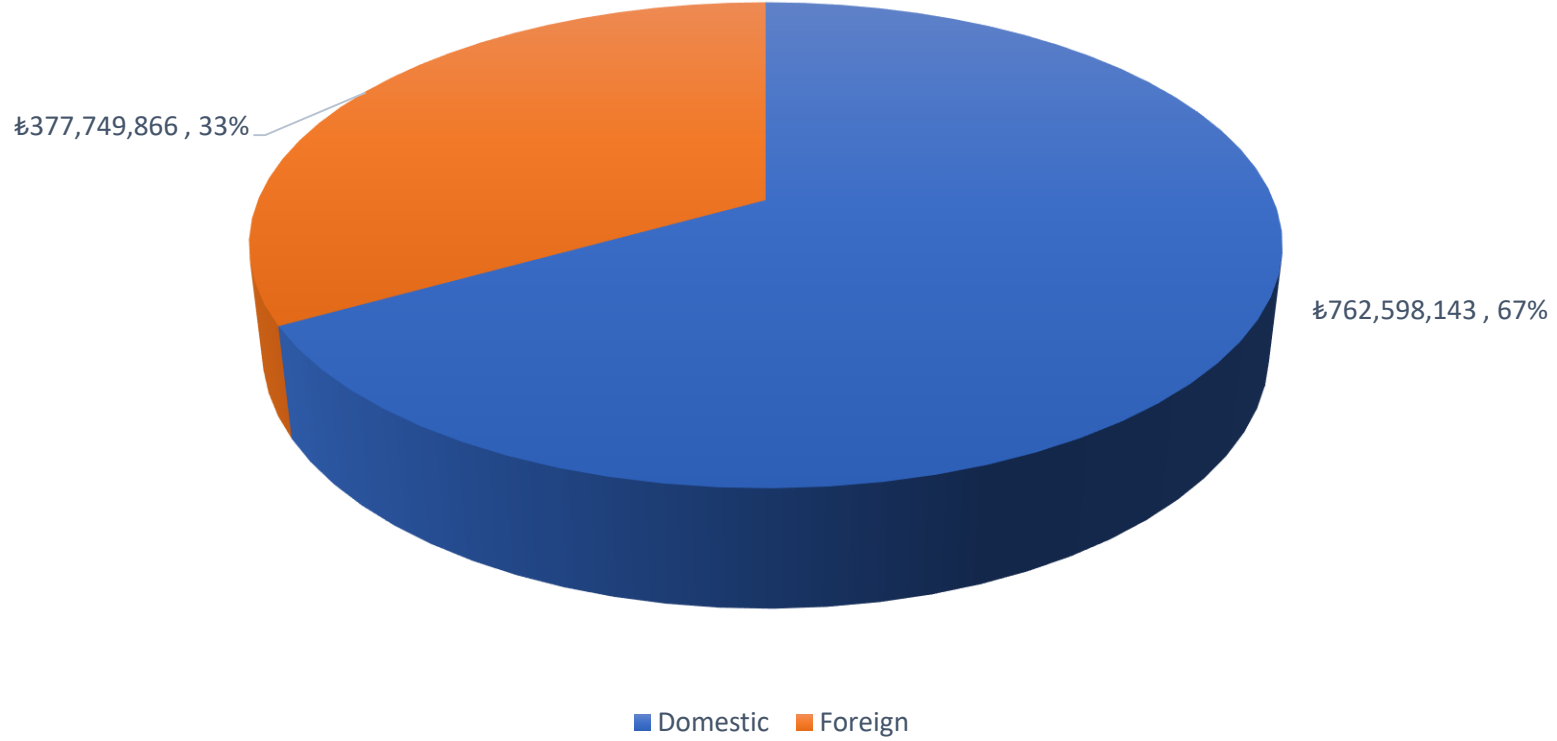
FINANCIAL PERFORMANCE

Net Sales - EBITDA-Net Profit Performance



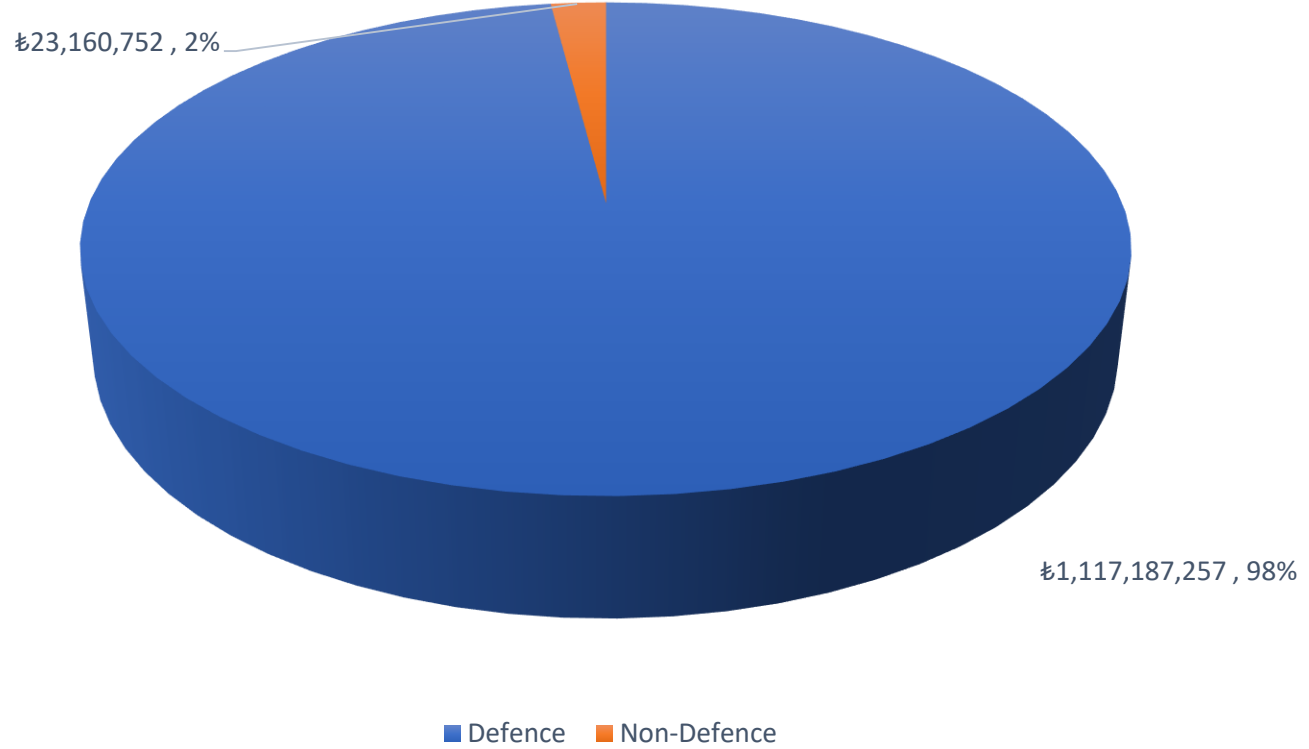
FINANCIAL PERFORMANCE

12 Months Cumulative (2023) Gerçekleşen
Turnover In-Country - Export Distribution

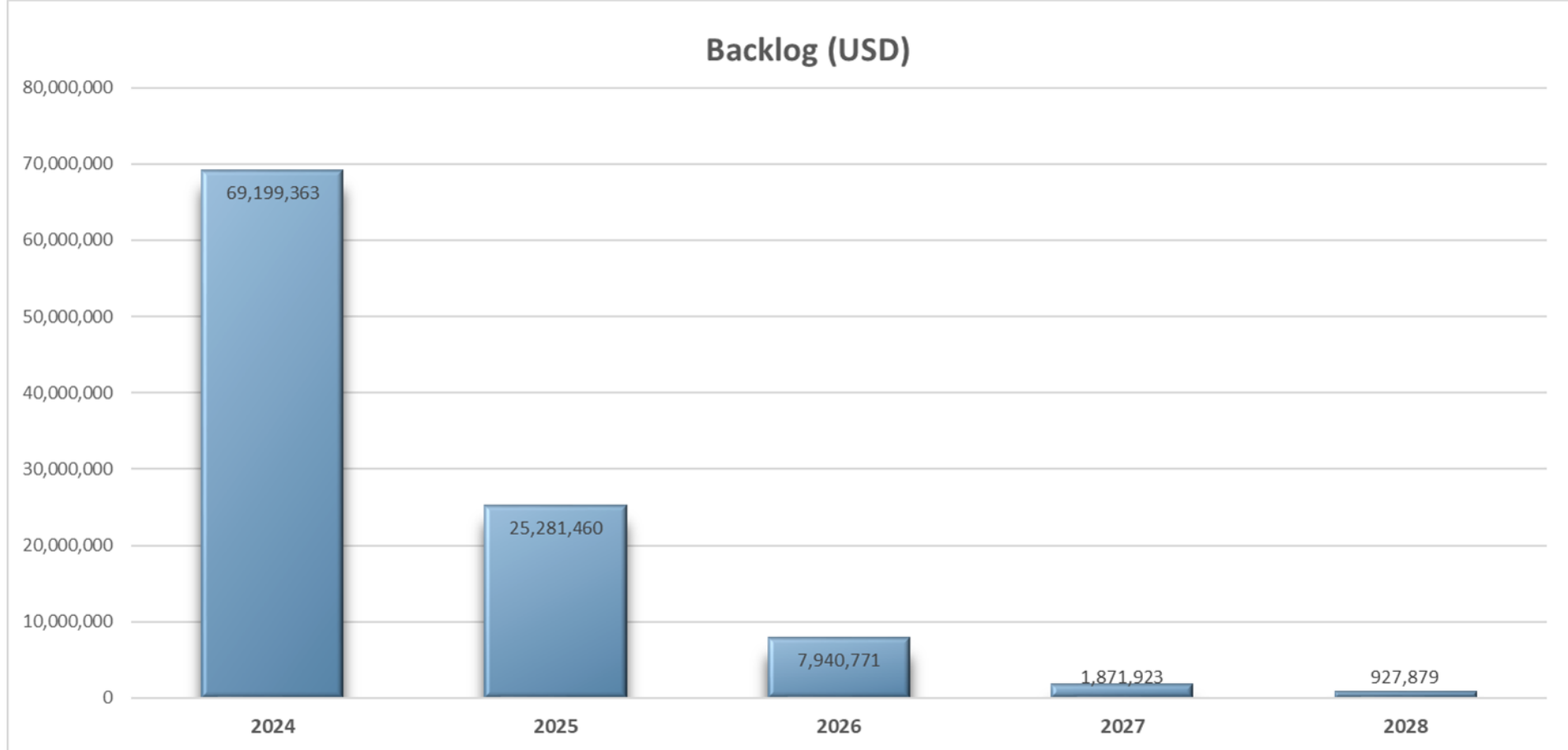


FINANCIAL PERFORMANCE

2023 Turnover Defence Sector and Out of Defence Sector Distributive



RECEIVED ORDERS AND BACKLOG



Income Statement

Income Statement (TL)	31/12/2021	31/12/2022	31/12/2023
Revenue	442.975.323	913.600.638	1.140.347.926
Cost of Sales(-)	-260.579.521	-542.839.885	-666.335.007
Gross Profit/Loss	182.395.802	370.760.753	474.012.919
General Administrative Expenses (-)	-21.000.590	-84.645.715	-108.413.750
Marketing Expenses(-)	-8.523.133	-30.762.797	-29.554.396
R&D Expenses (-)	-12.088.040	-16.198.760	-13.938.914
Other Real Operating Income	27.381.926	68.230.981	37.721.175
Other Real Operating Expenses(-)	-28.064.669	-122.529.805	-72.363.060
Real Operating Profit/ Loss	140.101.296	184.854.657	287.463.974
Net Income From Investing Activities	18.197	49.473.545	277.003.188
Net Outcome From Investing Activities(-)	-976.818	-73.367	-293.560
Investments values from Equity Method Profits/Loss Portion	-	-	-1.589.114
Profit / Loss Before Financial Income	139.142.675	234.254.835	562.584.488
Financial Income	11.707.338	86.861.275	132.887.036
Financial Expenses (-)	-3.872.633	-42.588.532	-102.624.774
Financial Gain (Loss), Net	-	-151.946.967	-254.212.652
Pre – Tax Income / Outcome From Continuing Operations	146.977.380	126.580.611	338.634.098
Continuing Operations Tax Income/Expense	-32.446.839	-13.348.338	-16.258.522
Period Tax Revenue/Expense	-15.887.757	-22.008.285	-65.631.232
Deferred Taxation Revenue/Expense	-16.559.082	8.659.947	49.372.710
Period Income/Loss	114.530.541	113.232.273	322.375.576

Balance Sheet

Balance Sheet (TL)	31/12/2021	31/12/2022	31/12/2023
Cash & Cash Equivalents	98.054.275	361.284.003	251.038.004
Financial Investments	0	135.278.281	380.993.576
Commercial Receivables	73.597.557	147.754.224	488.683.507
Other Receivables	2.889.078	5.069.885	18.435.425
Total Inventory	126.743.882	294.887.128	723.260.653
Prepaid Expenses	18.054.393	77.407.140	95.265.330
Other Current Assets	6.559.598	3.913.319	27.847.285
Current Assets	325.898.783	1.025.593.980	1.985.523.780
Other Receivables	39.400	875.259	545.583
Financial Investments	5.894.634	14.622.906	14.742.377
Investments Valued with Equity Method		0	1.935.886
Other Assets	1.940.993	415.900	10.612.937
Tangible Assets	6.875.764	27.294.291	35.920.620
Intangible Assets	17.810.861	53.024.967	52.585.128
Prepaid Expenses	10.890.570	42.654.602	60.888.526
Deferred Tax Assests	6.928.546	0	49.823.605
Total Assets	50.380.768	138.887.925	227.054.662
Total Assets	376.279.551	1.164.481.905	2.212.578.442
Short Term Liabilities	9.267	136.467	101.417
Short Term Portion of Long Term Liabilities	12.092.173	5.912.380	11.305.425
Accounts Payable	19.448.631	39.327.381	147.452.929
Employee Benefit Obligations	4.592.582	15.448.842	24.152.921
Other Liabilities	24.762.420	8.241.076	5.817.932
Deferred Income	56.350.913	197.058.022	482.943.759
Period Income Tax Liability	6.422.624	6.140.563	21.745.622
Short Term Provisions	7.320.186	39.611.126	39.072.608
Short-Term Liabilities	130.998.796	311.875.857	732.592.613
Long Term Liabilities	5.110.693	2.366.126	301.024
Deferred Income	24.057.155	50.867.797	89.337.627
Long Term Provisions	6.170.373	18.682.937	14.238.971
Deferred Tax Liability		407.361	
Long-Term Liabilities	35.338.221	72.324.221	103.877.622
Paid-in Share Capital	10.000.000	50.000.000	58.000.000
Adjustments to Share Capital	-	95.280.156	99.640.179
Share Premiums/Discounts	0	0	357.153.673
Other Comprehensive Gain/Losses	-6.156	-68.958	173.968
Restricted Reserves	600.000	6.401.248	19.607.952
Retained Earnings	84.818.149	515.437.108	519.156.870
Net Profit/Loss for the Year	114.530.541	113.232.273	322.375.565
Equity	209.942.534	780.281.827	1.376.108.207
Total Liabilities and Equity	376.279.551	1.164.481.905	2.212.578.442



Public Offering Information

TİCARİ ÖZEL

Public Offering Information

Public Offering Information (SDTTR)	
Shareholders	Mehmet DORA Fatih ÜNAL
Issued Capital	12.250.000 TL
Offering Amount and Methodology	Capital Increase and Shareholder Sale Capital Increase: 8.000.000 TL Shareholder Sale: 4.250.000 TL Total: 12.250.000 TL
Percentage of Publicity	%21,12
Methodology	Sale with Book-Building – Stable Price Book-Building
Intermediary Financial Institution	İnfo Yatırım Menkul Değerler A.Ş. / ÜNLÜ & Co
IPO Results	<ul style="list-style-type: none">• Price: 32 TL• IPO Date: 04.01.2023• ISIN: SDTTR ** 256.000.000 TL IPO income.

— IPO Fund Allocation

New Facility Investment (HAB): 70%

SDT will use the related amount of money in establishment of new facility in "Ankara Uzay ve Havacılık İhtisas Organize Sanayii Bölgesi (HAB)" increment of production capacity, new machinery investment,

R&D : 20%

SDT will use the related amount in R&D process,

Project and Business Development Finance: 10%

SDT will use the related amount in ongoing and potential projects developments and circulating capital needs

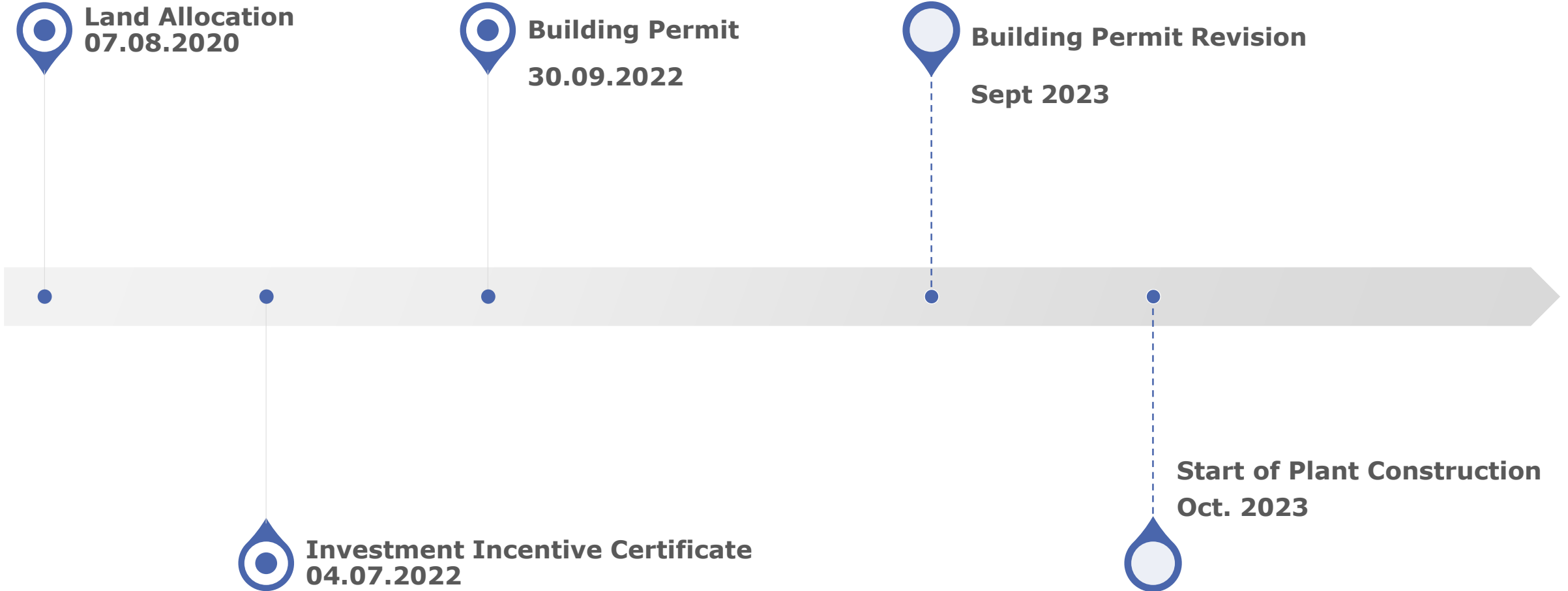
In need transaction between Funds up to 5% could be realized.



New Facility (Hab) Investment

TİCARİ ÖZEL

NEW FACILITY (HAB) INVESTMENT



Üniversiteler Mahallesi İhsan
Doğramacı Bulvarı No:37/1
Çankaya -ANKARA



Tel: (312) 210 10 15 – Pbx
Faks: (312) 210 11 21
info@sdt.com.tr
sdt.com.tr

© SDT Uzay ve Savunma Teknolojileri A.Ş. Tüm Hakları Saklıdır.

Bu doküman ve içerdiği tüm bilgiler SDT'nin fikri mülkiyetidir.
Bu dokümanın dağıtımı veya sunumu ile bu haklar ortadan
kalkmış olmaz. SDT'nin yazılı izni olmadan bu dokümanın ve
içerdiği bilgilerin üçüncü kişilere aktarımı, çoğaltımı ve
dağıtımı yapılamaz. Bu doküman ve içeriği hazırlanma
amacının dışında kullanılamaz.

This document and all information contained herein are the sole
property of SDT. No intellectual property rights are granted by the
delivery of this document or disclosure of its content. This
document shall not be reproduced or disclosed to a third party
without the express written consent of SDT. This document and its
content shall not be used for any other purpose other than for
which it is supplied.