

Analyst Presentation 2024 Q3



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#### **MANAGEMENT TEAM**



Z. Burak MERCAN Member of the Board of Directors General Manager

- 21+ years of working life
- 2003 Istanbul Technical University
- Mechanical Engineering



Kamil KILIÇ
Member of the Board
of Directors

- 20+ years in business
- 2004 Işık University Mathematics



Erdem COSKUN
Member of the Board of
Directors

- 30+ years in business
- 1993 METU Business Administration



Enis ATA
Member of the Board of
Directors
Managing Director of TAAC

- 20+ years in business
- 2003 Istanbul Technical University Aeronautical Engineering



Murat KOC General Manager of DASAL

- 10+ years in business
- 2009 Yildiz Technical University Mechanical Engineering



Kutay Cagil BUYUKOZTURK Executive Vice President

- 13+ years of working life
- 2011 Kocaeli University Mechatronics Engineering



Akif ERKAN
Executive Vice
President

- 21+ years of working life
- 2002 Istanbul Technical University Aeronautical Engineering



Baris CESAR Executive Vice President

- 20+ years of work experience
- 2005 London School of Economics
- 2011 Boğaziçi University (Financial Engineering)



Faruk EKİNCİ Director of Programs

- 18+ years in business
- 2008 Istanbul Technical University Mechanical Engineering



Hale ÇIRAK
Investor Relations
Department Manager

- 19+ years in business
- Istanbul University Physics
- Galatasaray University Financial Economics (M.Sc.)



Hakan KURAL Chief Financial Officer (Altinay Technology Group)

- 26+ years in business
- 2001 Marmara University Department of Economics

## **BOARD**



**Hakan ALTINAY**Chairman of the Board of Directors



**Z. Burak MERCAN**Member of the Board of Directors
General Manager



**Enis ATA**Member of the Board of Directors
Managing Director of TAAC



**Erdem COŞKUN**Member of the Board of Directors



**Kamil KILIÇ**Member of the Board of Directors



Ömer EREN
Member of the Board of
Directors





## **Altinay Defense Group Overview**



**Establishment** 

2014



**Field of Activity** 

Defense and Aerospace Technologies, Value Added Projects



**IPO Date** 

May 16, 2024



Backlog

217 USD Million



**Paid-in Capital** 

235.294.118



**2024/9M Revenue** 

1.116,6 M TL



**Number of Employees** 

610



**Subsidiaries** 

DASAL, TAAC



## **VISION**

As a leader and pioneering company in the global defense industry, Altınay Defense Technologies Inc. aims to exceed the expectations of its customers with its high-tech products and solutions, to be a company that adds value to its employees and society, and to represent our country in the world defense industry by adhering to the principles of continuous development and high quality.

## MISSION

Altınay Defense Technologies Inc. aims to be a leading and reliable player in the defense industry by providing innovative, high quality and safe products and solutions to our customers in the fields of motion control systems, unmanned systems, naval systems, weapon systems, ammunition disposal and production systems.

## History

Robot Technologies was

established.

started operations. Altinay Aviation and The defense business unit of LETVEN Capital GSYF became a Advanced Technologies partner in Altınay Defense Altınay Robot signed its first Altınay Defense Technologies went San. A.Ş. was ASELSAN became a partner of defense project with Roketsan. Technologies Inc. public. established. DASAL. 1990-1994 2014 2006 2010 2019 2020 2021 2021 2022 2024 Hakan Altınay developed Turkey's Altınay Robot became an The title of the company The construction of the TAAC Aviation Technologies first industrial robot and Altınay approved supplier of NATO was changed to "Altinay Production Facility started in

Defense Technologies

Inc."

DASAL Aviation Technologies

was established.

Supply and Procurement

Agency.

Altınay Defense Production Facility

Kocaeli Dilovası Makine İhtisas

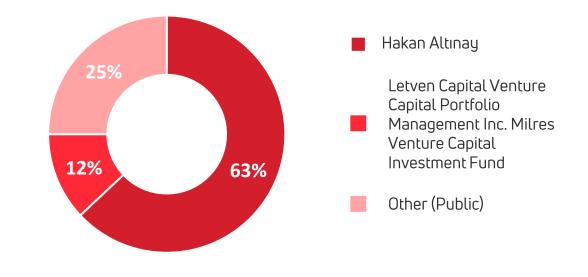
OSB.

## SHAREHOLDER STRUCTURE & CAPITAL ALLOCATION

Registered Capital Ceiling: 1.000.000.000 TL

Paid-in Capital: 235.294.118 TL

PARTNERS	Pe Amount (TL)
Hakan Altınay 148.235.294 Letven Capital Venture Capital	28.235.294
Portfolio Management Inc. Milres	
Venture Capital Investment Fund	
Other (Public)	58.823.530
SUM	235.294.118



# SUBSIDIARIES & PARTNERSHIP STRUCTURE



aselsan

#### DASAL Aviation Technologies Inc.

- 51% Altınay Defense Technologies, 49% ASELSAN partnership.
- In the field of multi-rotor rotary-wing autonomous unmanned aerial platforms, Aselsan and Altınay Defense Technologies aim to become the leading company and international player in Turkey with the common vision.





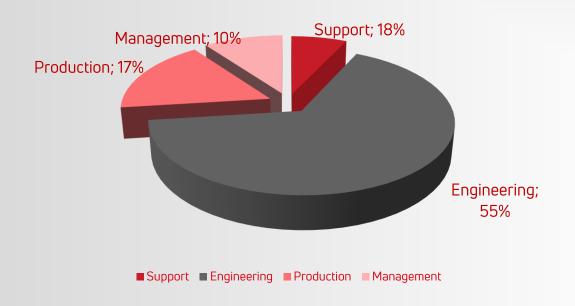


#### TAAC Aviation Technologies San. A.S.

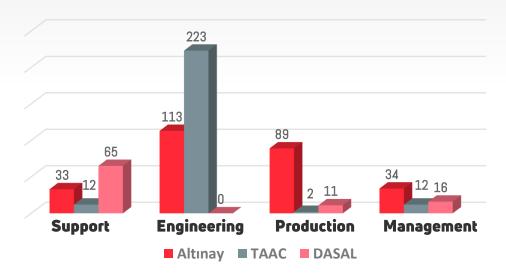
- 50% Altınay Defense Technologies, 50% TAI partnership.
- It provides technology solutions and production contributions to national and domestic projects, especially the HÜRJET and KAAN platforms developed by TAI, with its engineering competence.
- It has received the first results of its efforts towards the goal of becoming an international company in its field.



## **HUMAN RESOURCES**

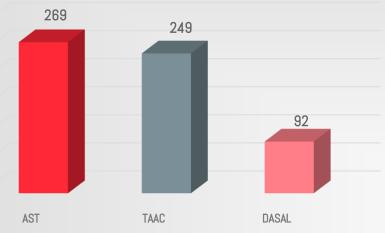


#### **Employee Distribution**

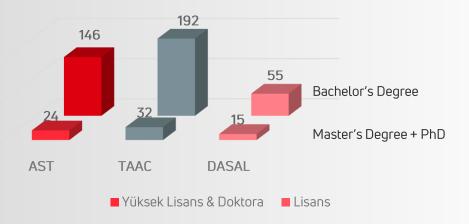


## **EMPLOYEE PROFILE**

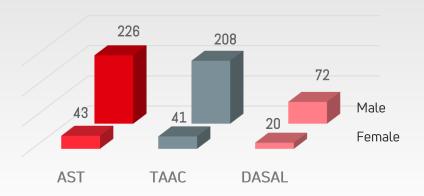
#### Number of Employees



Bachelor's Degree + Master's Degree + PhD (03.12.2024)



#### **Gender Distribution**



## FACILITY & INFRASTRUCTURE

R&D and DESIGN OFFICES
TEKNOPARK İSTANBUL, ANKARA
Branch Office



TEST AREA
UAV TEST AREA



ASSEMBLY & MANUFACTURING FACILITY

ŞEKERPINAR – GEBZE/KOCAELI



R&D and PRODUCTION FACILITY MAKINE OSB-DILOVASI / KOCAELI



R&D and PRODUCTION INDUSTRY LAND HAB OSB-ANKARA







## **Altinay Defense Group Fields of Activity**



## **Altinay Defense Group Fields of Activity**







Fire Control System
Barrel Path Lock System
Bullet Transfer System
Electro Optical Mast System
Radar Control System

UAV Satellite Communication Antenna Pedestal Helicopter Satellite Communication Antenna Pedestal Flight Control Actuators Landing Gear Test System Weapon System

Helicopter Capture and Transfer System Helicopter JP-5 Fuel Transfer System Real-Time Infrared Trail Management System Submarine Radar Guidance System

## **Altinay Defense Group Fields of Activity**

#### Motion Control Systems



**Actuators** 



Mast Systems



Stabilize Pedestals



Flight Control Actuators



Landing Gear Systems

#### **Unmanned Systems**



Unmanned Aerial



Unmanned Ground Vehicles

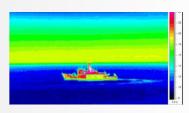
#### Marine Systems



Helicopter Capture and Transfer System



JP5 Fuel Transfer System



**RISMS** 

#### Weapon Systems



Weapon Systems



Release Systems



Bomb Release Systems

## Ammunition Disposal and Critical Production



Demilitarisation and Critical Production Systems



Test and Analysis Systems



Support Systems and Special Systems

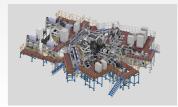


**Demilitarization Systems** 

#### **Test Systems**



Ironbird - Hurjet



Demirkus - KAAN



On-Cycle Hardware Testing Systems

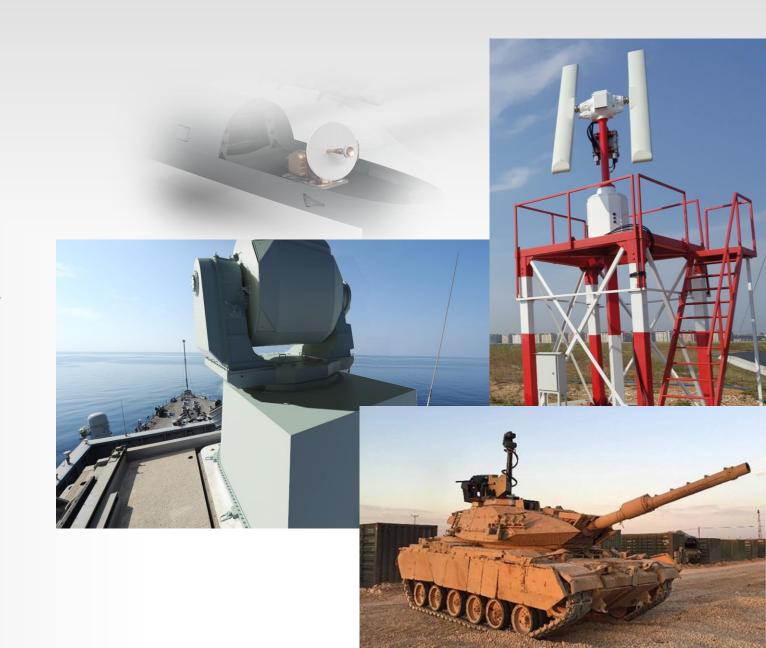


Platform and Actuator Test Systems

## MOTION CONTROL SYSTEMS

Within the scope of Motion Control Systems, we provide design, production, integration and aftersales support services on the basis of many critical subsystems and systems such as actuators, stabilized pedestals, gimbals, masts, test systems and servo motor drivers. With our superior competence in Motion Control Systems, we offer customized solutions for customer needs as well as defense/industry standards.

With a quarter of a century of experience, Altınay Defense designs and develops its products using the latest technology in its efforts to fully meet the motion control systems needs of its customers.



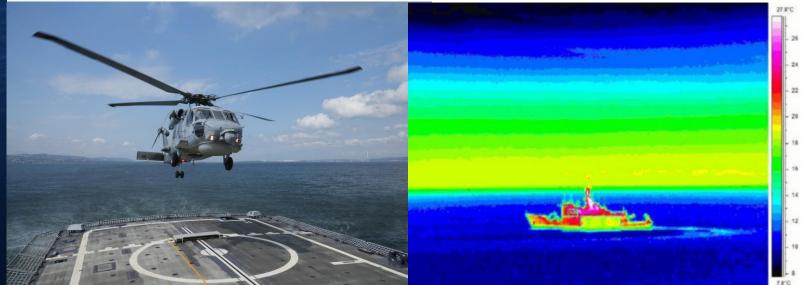
## DENIZ SISTEMLERINDE TAMYOLILERI

HELİKOPTER YAKALAMA ve Transfer sistemi GÖRÜNMEZLİK SİSTEMLERİ LAZER ELEKTRONİK TAARRUZ SİSTEMİ STABİLİZE PLATFORMU YENİ TİP DENİZALTI ANTEN YÖNLENDİRME PEDESTALİ



## MARINE SYSTEMS

Altınay Defence has a special team of experts and intellectual engineering know-how who have brought various systems such as the helicopter capture and transfer system (KuşKapanı), JP5 fuel transfer system and real-time infrared track management system (GEZKIY), which were made ready for use in a very short time in response to the embargoes imposed on our country, to the inventory of our country's naval forces. With its experience in motion control technologies, Altınay Defense offers solutions that will fully meet the marine systems needs of its customers in a very short time.



## WEAPON SYSTEMS

The systems it develops are specially designed according to the needs of the platforms. Altınay Defense offers end-to-end ready-to-use system solutions with its testing, qualification and production infrastructure. Starting with the F-16 SALAN System, MMU KAAN and Rotary Wing Drones continue with MMU KAAN and Rotary Wing Drones, and continues with its expert engineer team, it designs and develops its products by using the latest technology in its studies to fully meet the needs of its customers in the field of weapon systems.













# AMMUNITION DISPOSAL AND CRITICAL PRODUCTION SYSTEMS

The wars that increased with the 2000s made the ammunition production capacity and the recycling of expired ammunition critical for countries. With its Exproof unmanned machine design capability, Altınay Defense offers solutions that increase ammunition production capacities for our country and its allies within NATO.

In the field of Ammunition Disposal and Production Systems, we provide production, integration, after-sales support services on the basis of many critical subsystems and systems such as Solid Fuel Slicing System, Automatic Fuel Casting System, Exproof CNC Machine and Exproof Crane System.

With the experience gained in ammunition disposal and critical production systems, Altınay Defense provides fully automated unmanned machinery and production line solutions for all sectors that need explosion-free systems, especially in the energy sector.

## UNMANNED SYSTEMS

Within the scope of unmanned aerial vehicles, it provides mini class, light class, medium class and heavy class aerial platforms solutions according to their ability to carry different payloads and perform missions. These solutions can be used in day or night conditions according to the needs of the user; It has reconnaissance, surveillance, firepower, survivability and logistical sustainment capabilities.

Within the scope of unmanned ground vehicles, we offer portable and disposable unmanned ground vehicle solutions that can be used in various operations, are highly mobile, lightweight, durable and easy to use at a high autonomous level.

Within the scope of robot systems, we offer new generation bomb disposal robot arms that neutralize explosives under harsh conditions and from a safe distance without endangering human life, and industrial robot solutions developed for special operations that pose a threat to human health in industrial areas, especially in the automotive sector.





MICRO CLASS UNMANNED AERIAL VEHICLES LIGHT CLASS UNMANNED AERIAL TOOLS MIDDLE CLASS UNMANNED AERIAL VEHICLES

HEAVY CLASS UNMANNED AERIAL VEHICLES



#### **LIGHT CLASS UAV**

**BEE-EATER** 

#### INTEGRATED INTO ROTARY WING MOVING VEHICLE UAV SYSTEM

Designed to perform reconnaissance, surveillance and intelligence operations, BEE-EATER has the ability to land autonomously on moving platforms and take off autonomously from these platforms. Thanks to the on-board station technology, the battery in the aircraft is automatically replaced with a full battery and the empty battery left is charged at the station. Thus, BEE-EATER provides uninterrupted mission competence with continuous flight performance without risking user safety.



#### **ROTARY-WING LIGHT CLASS UAV SCOUT UAV SYSTEM** SWALLOW-X4A; Compared to its KIRLANGIÇ-X4A competitors, it stands out with its long flight time, resistance to harsh weather conditions, modular structure, easy installation and easy transportation by a single personnel; It is a Scout UAV system that has proven itself in the tactical field as a reconnaissance, surveillance and intelligence platform. 0S 7 km O KG 1,2 kg **€**; 55 dk

#### **MID-RANGE UAV**

FALCON-SİHA

#### **ROTARY-WING 5,56 MM ARMED UAV**

FALCON-UCAV is a Rotary-Wing Armed UAV system that stands out with its turret with 2-axis stabilized mobility, 5.56 mm caliber infantry rifle, superior recoil damper system and high bullet carrying capacity. It is designed to directly hit the target with high accuracy or to put it under suppression fire in accordance with the mission scenario with single or serial fire modes.



#### **HEAVY CLASS UAV**

PUHU-C75

#### **ROTARY WING CARGO UAV SYSTEM**

PUHU-C75 is the leading Rotary Wing Cargo UAV system in its field with its long range, modular structure with high horizontal speed and 75 kg payload capacity. It delivers the support materials needed in the tactical field to the target area autonomously quickly, effectively and silently with its specially designed units. It is designed to meet logistical needs in the tactical field, disaster areas and civilian use.



#### **HEAVY CLASS UAV**

CONDOR-C150



**ROTARY-WING** 

**CARGO UAV SYSTEM** 

## FLIGHT CONTROL ACTUATORS



#### **KAAN**

#### **Flight Control Actuators**

The Flight Control Actuators Subsystem has been developed to guide the aircraft in various axes by moving the flight control surfaces during flight and to optimize the landing / take-off performance by changing the wing profile. These actuators are designed to quickly respond to signals from the aircraft, moving aerodynamic surfaces, which will provide the aircraft with the required high maneuverability.

Electro-hydraulic actuators are designed to provide precise and fast responses to control inputs, so that the aircraft can achieve the desired maneuverability and flight characteristics. By receiving signals from the aircraft, they contribute to the safe and efficient operation of the aircraft in different flight conditions.





## LANDING GEAR **SYSTEMS**

#### **Landing Gear systems**

Landing gear is a critical component of an aircraft and plays a major role in flight safety and performance As a team armed with extensive engineering expertise and experience, we are confident in developing high-quality, reliable and

optimized landing gear systems.

conditions, and rapid response.





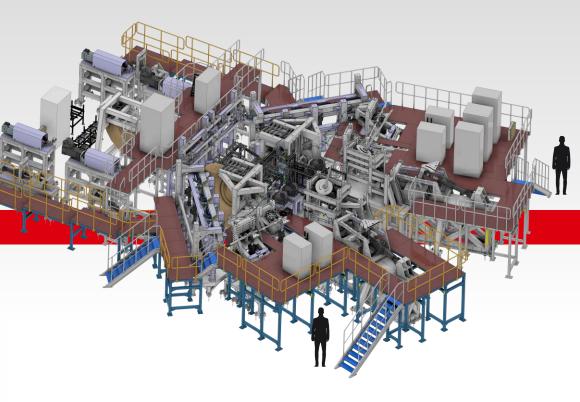
Following the latest developments in the aviation industry, we design our landing gear systems using modern technologies. By providing customizable solutions to our customers, we are fully adapted to their needs. When designing our HÜRJET landing gear, we consider critical factors such as durability, shake reduction, adaptability to harsh

## TEST SYSTEMS

#### **Demirkuş Test Systems**

The Demirkuş (Ironbird) Test System is one of the most sophisticated test systems developed in Turkey to date, and it is a test platform where all critical systems and sub-components of the aircraft, especially the flight control system, are tested. By measuring the adequacy of the flight control system in real time, Demirkuş Test System can apply the aerodynamic loads and failure scenarios that the aircraft will be exposed to in all kinds of maneuvering conditions through testing (in a laboratory environment).





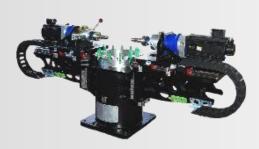


## TEST SYSTEMS

#### **Motion Control Test Systems**

PROPERTIES
High Precision Positioning
Full Digital Control
User-Friendly Interface

APPLICATIONS
Actuator Testing and Verification
Platform Testing and Validation
Flight & Vehicle Simulators



On-Cycle Hardware Testing Systems



Platform and Actuator Test Systems



Platform Test Systems



















# PRODUCTION TECHNOLOGIES

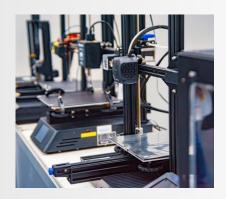
**Electronic Kart** 



Back



3 Axis



3D Printer



4 Axis



Grinding



- Chipless Manufacturing
- Electronic Card Production
- 3D Printer Technology

- Cabling Production
- Electromechanical Assembly
- Testing & Qualification



5 Axis



Press brake



Harnessing



Laser Cutting



















- ✓ AS9100
- √ ISO 9001
- ✓ ISO 14001
- ✓ OHSAS 45001
- ✓ National Facility Security Certificate
- ✓ NATO Facility Security Document















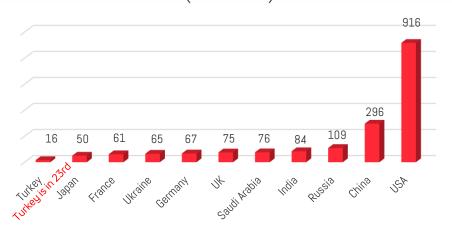
#### Total World Military Expenditures (USD Billion)



# World Military Total Expenditures (Billion USD)

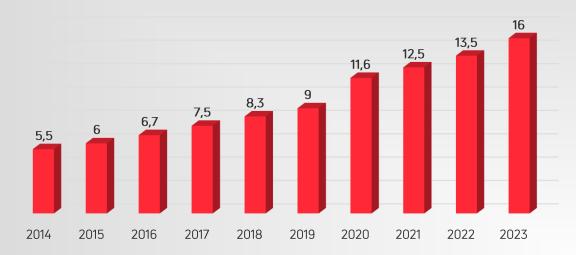


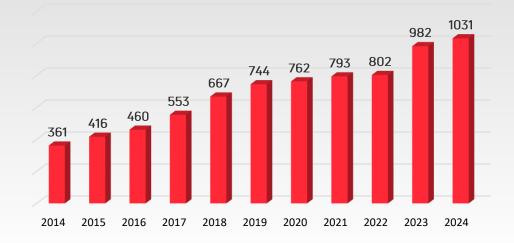
#### World Defense Expenditure Amount in 2023 (Billion USD)



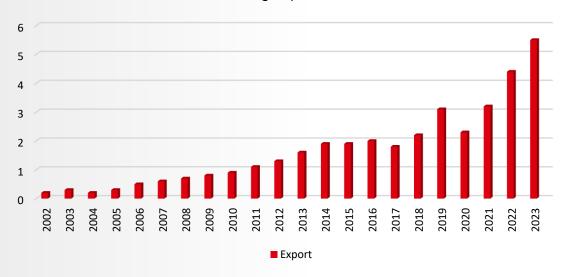
#### Defence Industry Expences of Turkey for 10 Years (Billion USD)

#### Number of Turkish Defence and Aerospace Projects





Turkish Defense Industry Export Revenues (Billion USD)







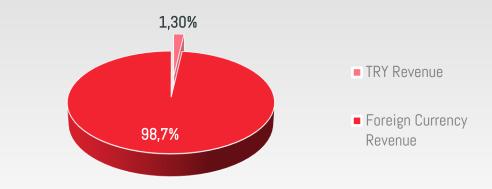
# TURNOVER DEVELOPMENT

**1** %89 CAGR ('21-'24)

Yearly (M USD)



# 9-Month Period Revenue FX Breakdown

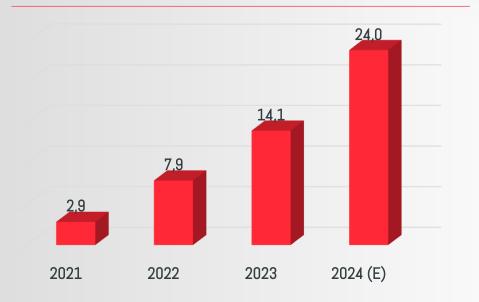


#### 9 Month Term (M USD)

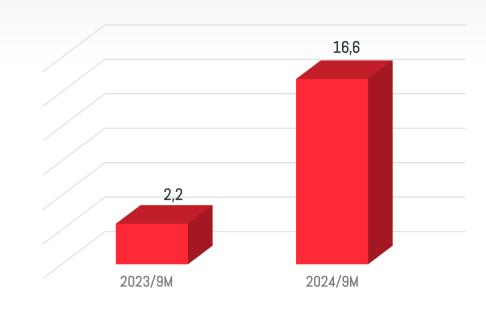


# EBITDA REACHED 7.5 TIMES

EBITDA by Year (M USD)

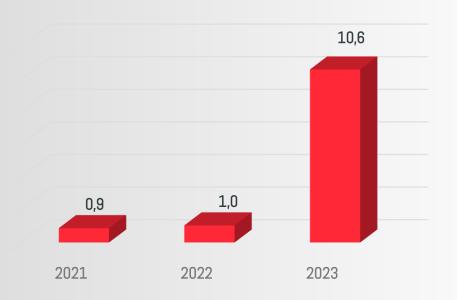


9-Month Period EBITDA (M USD)

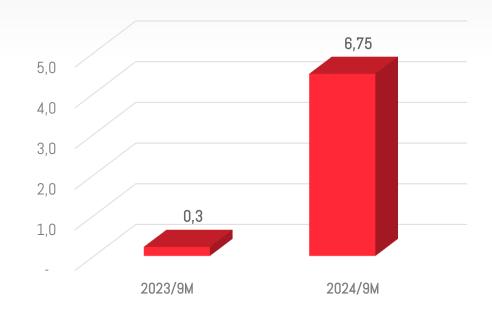


# NET PROFIT REACHED 22,5X

Net Profit Before Tax by Year (M USD)

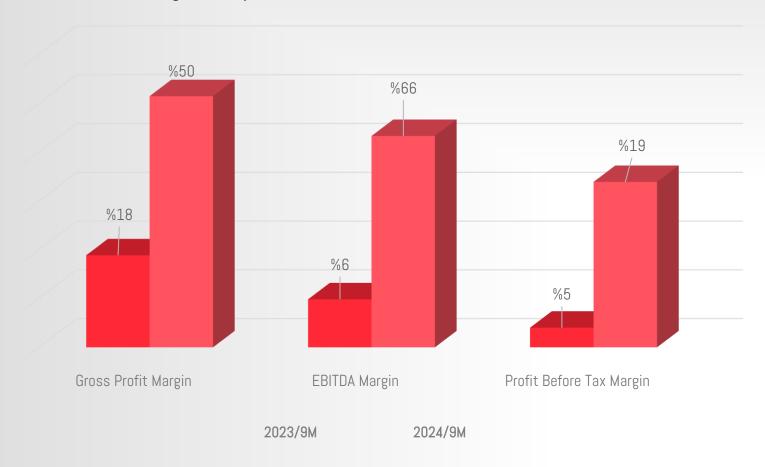


#### 9 Month Net Profit Before Tax (M USD)

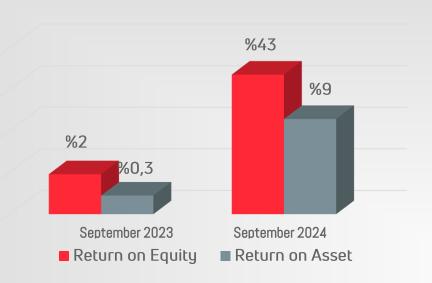


### **PROFIT MARGINS**

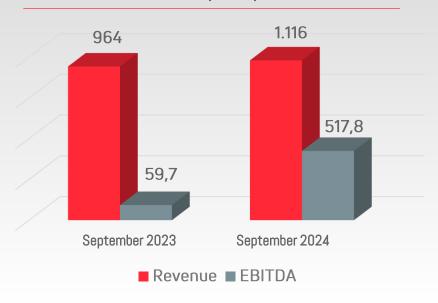
9-Month Profit Margin Comparison



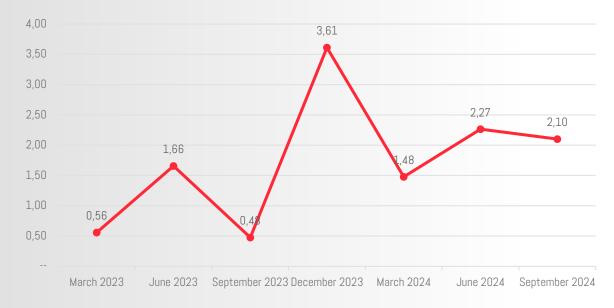
#### Return on Equity & Return on Assets



#### Revenue – EBITDA (M TL)



#### Debt Service Coverage Ratio



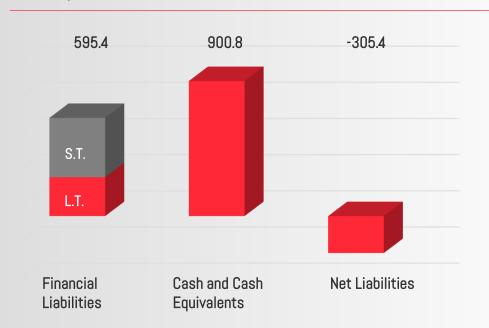
# NET WORKING CAPITAL





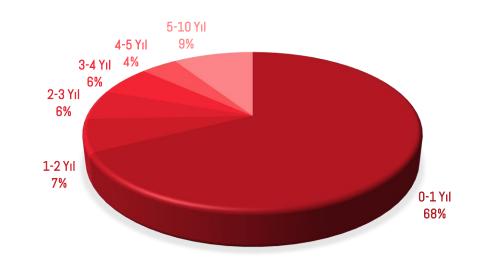
# FINANCIAL INDEBTEDNESS

#### 2024/9M Financial Debt Profile



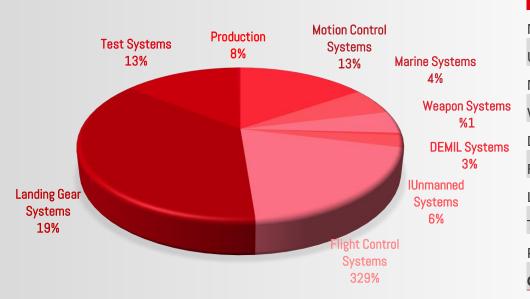
				2023/9	
Leverage Ratios	2021	2022	2023	M	2024/9M
Total Liabilities/Equity	68%	54%	63%	63%	50%
Net Financial Liabilities/Equity	-39%	2%	12%	12%	-2%
Total Assets/Equity	168%	154%	163%	163%	150%

#### 2024/9M Financial Liabilities Distribution by Years



# TURNOVER DISTRIBUTION BY BUSINESS GROUP

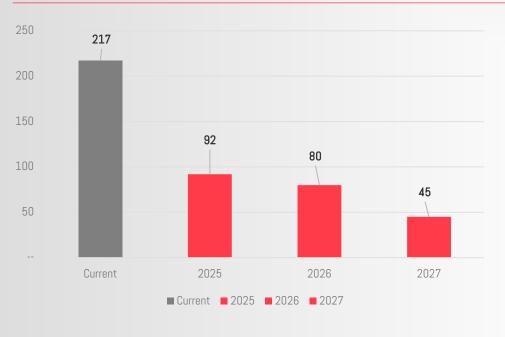
2024/9M Turnover Distribution by Business Group



Consolidated Net Sales Amount (M TL)	2021	%	2022	%	2023	%	2024/9M	%
Motion Control Systems	43,9	16,7%	53,1	9,0%	74,7	6,3%	150,5	13%
Unmanned Systems	37,3	14,2%	39,0	6,6%	36,1	3,1%	66,0	6%
Marine Systems	0,0	0,0%	57,6	9,8%	137,1	11,6%	43,0	4%
Weapon Systems	0,0	0,0%	2,8	0,5%	1,3	0,1%	11,0	1%
DEMIL Systems	8,8	3,3%	6,1	1,0%	59,2	5,0%	29,6	3%
Flight Control Systems	31,2	11,9%	190,8	32,4%	234,5	19,8%	361,5	32%
Landing Gear Systems	9,1	3,5%	111,9	19,0%	489,2	41,3%	216,0	19%
Test Systems	109,7	41,8%	109,5	18,6%	133,6	11,3%	150,0	13%
Production	22,7	8,6%	18,0	3,1%	19,2	1,6%	89,0	8%
Grand Total	262,7	100,0%	588,7	100,0%	1.184,8	100,0%	1.116,6	100,00

## BACKLOG PROJECTION

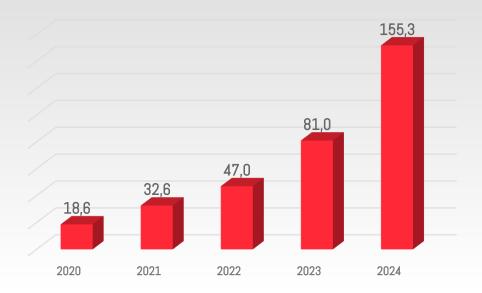
#### Backlog\* Insights (USD Million)





The amount of backlog that will turn into

#### New Contracts Acquired Over the Years (USD Million)



The total backlog amount of 217 Million USD, Between 2025 and 2027, it is expected to return to turnover as shown in the table.

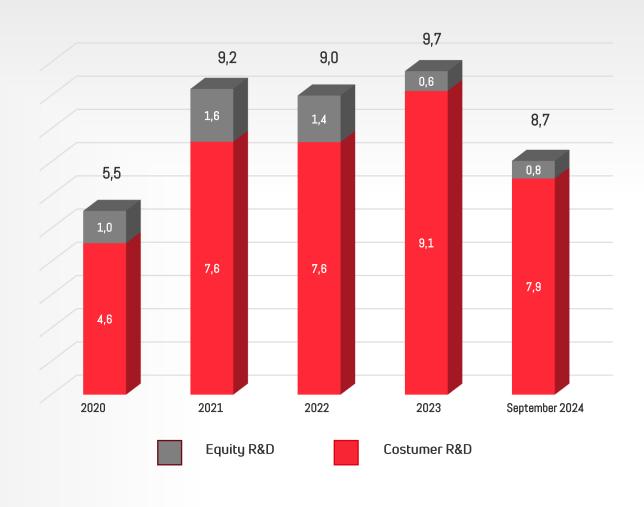
USD 236 Million/246 projects completed

Number of ongoing projects: 90

Total open bids : 610 M USD

<sup>\*</sup> Backlog Amount: Ongoing projects from the previous year + New contracts - Invoices issued in 2024

# RESEARCH - DEVELOPMENT INVESTMENT



# USE OF IPO PROCEEDS

	Share in Net IPO Revenue (%)		Realized Usage	Amount Remaining (TL)
1. New Facility Investments and Production Technologies Investments	50%	537,0	129,3	407,7
2. Test and Verification Technologies and R&D and P&D Investments	15%	,		
3. Global Sales and Marketing Network Investments	5%	,		
4. Strengthening Working Capital	15%			
5. Financial Debt Payments	5%	53,7	53,7	0
6. Company Acquisition and/or Establishment of Business Partnerships	10%	5 107,4	89,6	17,8
Sum	100%	·	ŕ	618,7

# **BALANCE SHEET**

Assets (TL)	2021	2022	2023	2024/9M
<b>Current Assets</b>	806,0	476,1	1.083,8	2.733,6
Cash and cash equivalents	556,4	40,8	112,3	653,6
Financial Investments	0,0	0,0	-	247,2
Trade Receivables	121,1	258,6	448,0	679,7
Other receivables	0,4	2,0	1,2	3,7
Stocks	40,9	65,6	108,2	404,0
Ongoing project costs	-	-	207,1	373,7
Prepaid expenses	75,1	38,4	58,2	47,5
Assets related to the current period tax				
Assets related to the current period tax	0,6	0,6	10,6	10,1
Other current assets	11,5	70,0	138,2	117,4
Fixed Assets	733,9	1.080,8	2.060,6	2.526,6
Other Receivables	3,7	0,4	0,1	0,1
Financial Investments	-	0,7	4,3	3,8
Right-of-use entities	4,4	2,5	3,6	1,2
Tangible fixed assets	24,9	147,9	512,3	714,5
Intangible assets	679,6	894,3	1.347,6	1721,9
Prepaid expenses	-	_	29,9	47,5
Deferred tax asset	21,3	35,0	162,7	37,5
TOTAL ASSETS	1.539,8	1.556,9	3.144,4	5.260,2

Resources (TL)	2021	2022	2023	2024/9M
Short-Term Liabilities	484,8	355,1	870,5	1.344,8
Short-term borrowings	34,7	38,2	153,7	
Short-term portions of long-term borrowings	130,2	14,0	16,6	41,8
Debts from short-term operational leasing				
transactions	1,4	0,8	1,6	0,5
Commercial debts	46,5	71,8	262,3	257,5
Debts within the scope of employee benefits				
bebts within the scope of employee benefits	3,2	4,5	11,2	21,4
Other debts	0,0	0,0	1,4	0,6
Deferred revenues	260,1	197,3	361,0	540,2
Tax liability for period profit	-	-	11,1	6,8
Short-term provisions	5,3	11,9	23,0	42,2
Other short-term liabilities	3,4	16,6	28,6	113,7
Long-Term Obligations	140,7	191,9	340,1	397,8
Long-term borrowings	33,7	7,3	180,4	225,1
Debts from long-term operational leasing				
transactions	2,5	1,1	1,3	1,1
Long-term provisions	5,9	10,6	17,9	22,9
Deferred tax liability	98,7	172,9	140,6	148,7
Equity	914,3	1.009,9	1.933,8	3.517,6
TOTAL RESOURCES	1.539,8	1.556,9	3.144,4	5.260,2

# **INCOME STATEMENT**

Income Statement (TL)	2021	2022	2023	2023/9M	2024/9M
	2021	2022	2023	Z0Z3/9M	2024/9M
Revenue	262,7	588,7	1184,8	964,4	1.116,6
Cost of Sales	-96,0	-287,9	-719,2	-792,4	-563,4
Britker/Harm	166,6	300,8	465,6	172,1	553,2
General Administrative Expenses	-13,7	-31,6	-35,3	-36,2	-62,3
Marketing Expenses	-3,7	-0,1	-2,3	-8,2	-10,4
Research and Development Expenses	-49,7	-38,3	-64,0	-61,8	-165,0
Other Income from Core Activities	126,2	84,9	291,4	341,4	152,6
Other Expenses from Core Activities	-171,2	-124,3	-271,8	-405,7	-96,91
CORE OPERATING PROFIT/LOSS	54,7	191,4	383,6	1,5	371,2
Income from Investment Activities	-	12,9	1,0	0	51,6
OPERATING PROFIT/LOSS BEFORE FINANCING EXPENSE	54,7	204,3	384,6	1,5	422,8
Financing Revenues	26,5	36,9	30,8	35,2	158,4
Financing Expenses	-66,7	-28,1	-110,8	-21,6	-145,4
Monetary gain/(loss)	49,5	-58,7	-48,3	-6,1	-80,8
PROFIT BEFORE TAX	63,9	154,4	256,3	8,9	355,0
Period Tax Expense / Income	-0,1	_	-8,9	-7,3	-6,8
Deferred Tax Expense/Income	-40,7	-59,8	155,9	-51,8	-135,6
PROFIT (LOSS) FOR THE PERIOD	27,7	33,1	335,3	-50,2	212,5

#### **Legal Notice**

The data for the future period in this presentation do not constitute a commitment. The expectations/forecasts reflected in the presentation may be affected by changes in various variables and assumptions, and there may be significant differences between them and the actual results.

# Thanks



+90 216 504 00 50 yatirimci.ilişkileri@altinay.com