



AI VISION

DEFENCE & SECURITY INSTITUTE

INNOVATE • PROTECT • SECURE



DEFENCE
SOLUTIONS



SECURITY
SYSTEMS



DRONE
TECHNOLOGIES



AI & ROBOTICS
INNOVATION

BUILDING A SAFER TOMORROW WITH INTELLIGENCE & TECHNOLOGY



www.aivisioninstitute.com



www.aidefenceinstitute.com



www.aivisioninstitute.com

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AI VISION
Institute of Technology
Artificial Intelligence Research & Development



LondonValley
"Global Growing"



AI VISION
UNIVERSITY
Artificial Intelligence Research & Development

AI VISION CAMPUS MASTERPLAN

LONDON VALLEY TECHNOLOGY PARK



The world's largest Artificial Intelligence
Research & Development University Campus





AI VISION
UNIVERSITY

AI VISION UNIVERSITY



AI VISION
UNIVERSITY

AI VISION UNIVERSITY

LONDON VALLEY TECHNOLOGY PARK

A large, modern, multi-story building with a light-colored stone or concrete facade and extensive glass windows. The building is illuminated from within, showing people working on various levels. A blue and white logo is prominently displayed on the upper left side of the building. The sky is clear and blue, and the foreground features a paved plaza with some greenery and people walking.

AI VISION
Institute of Technology

ARTIFICIAL INTELLIGENCE RESEARCH CENTRE

AI VISION
UNIVERSITY
Artificial Intelligence
Research & Development

AI VISION

 **AI VISION**
DEFENCE & SECURITY INSTITUTE
ARTIFICIAL INTELLIGENCE • CYBER • RESILIENCE



ADVANCED SECURITY RESEARCH CENTRE

LONDON VALLEY TECHNOLOGY PARK





Projects



AI VISION UNIVERSITY – DEFENCE & SECURITY PROJECTS

AI Innovation for Air, Land, and Naval Systems

AI Vision University develops next-generation **Defence and Security Technologies** powered by **Artificial Intelligence, Robotics, and Data Intelligence**.

The program focuses on **AI integration across air, land, and naval platforms**, supporting research and collaboration with defence industries and government partners.

Core Focus Areas:

- **Air Systems:** Autonomous drones, predictive maintenance, AI-assisted air defence.
- **Land Systems:** Smart surveillance, unmanned ground vehicles, real-time battlefield analytics.
- **Naval Systems:** AI-based navigation, threat detection, and autonomous vessel control.
- **Cyber Defence:** Intelligent threat prediction, data protection, and secure communication systems.

Through the **AI Vision Institute** and **London Valley Technology Park**, the project accelerates defence innovation, strengthens national resilience, and contributes to the development of **ethical, intelligent, and secure defence technologies** for the future.



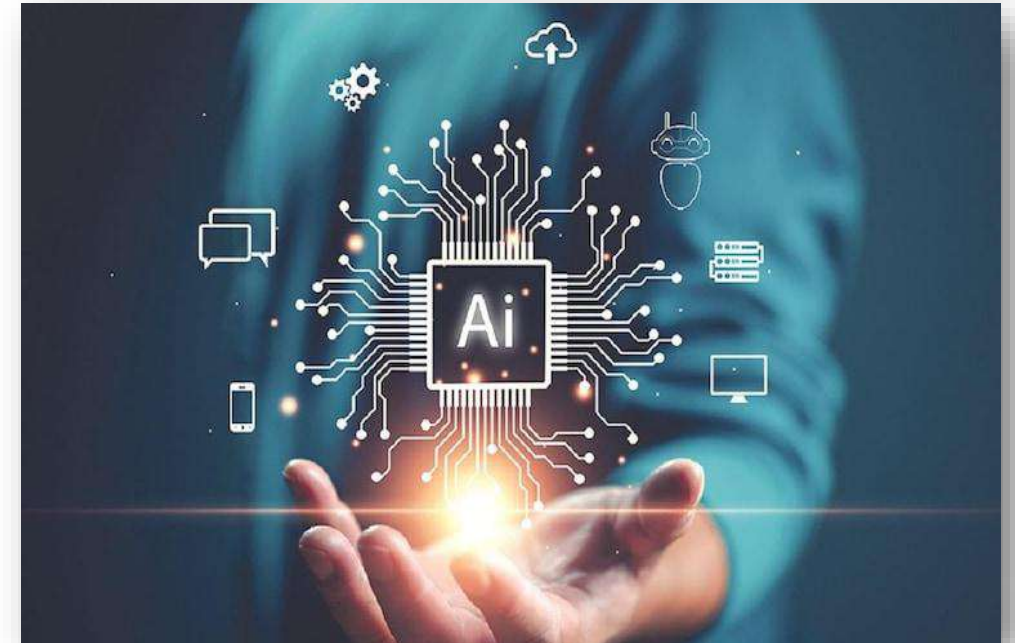


ABOUT US

Our UK-based university aims to be a pioneering institution in research and development, fully focused on artificial intelligence technologies. With campuses in the UK, the USA, and Turkey, we develop innovative solutions and high-value technologies in the field of AI. Our mission is to equip our students with AI knowledge and skills, ensuring their success in academic and professional life, while promoting the use of AI technologies for the benefit of society.

Our Goals:

- **Research and Development:** Conduct internationally leading research in AI technologies and develop applied projects through industry collaborations.
- **Education and Teaching:** Create AI-focused undergraduate and graduate programs, providing students with advanced AI knowledge and skills.
- **Community Contribution:** Develop projects that promote the ethical, reliable, and beneficial use of AI technologies for humanity.
- **Internationalization:** Establish collaborations with international academic and research institutions to facilitate global knowledge and technology transfer.



www.aivisionuniversity.com



Mission of Our University

Our Mission:

As a UK-based university, we aim to be a research and development institution entirely focused on artificial intelligence technologies. Our mission is to conduct innovative and pioneering work in the field of artificial intelligence, contributing to the effective and ethical use of this technology in all areas of society. Through our campuses in the UK, the USA, and Turkey, we are committed to developing high-value-added technologies in these countries. We aim to equip our students with advanced AI knowledge and skills that will enable them to succeed in their academic and professional lives. Additionally, we strive to provide sustainable solutions to societal problems through AI technologies and to become a globally recognized university in this field.



Vision of Our University

Our Vision:

Our vision is to become a world-leading university in artificial intelligence technologies. We aspire to play a pioneering role on the global science and technology stage through our AI research and development activities. Guided by the principles of educational excellence, innovation, and sustainability, we aim to train our students and academics to be highly competent individuals in the field of artificial intelligence at our campuses in the UK, the USA, and Turkey. In this regard, we strive to be a center for the ethical, reliable, and beneficial use of AI technologies for humanity.





Goals of Our University

1. Research and Development:

- Conduct internationally leading research in the field of artificial intelligence technologies.
- Establish AI laboratories and research centers to support the projects of students and academics.
- Develop applied AI projects through collaborations with industry.
- Conduct projects at our campuses in the UK, the USA, and Turkey to develop high-value-added technologies.

2. Education and Teaching:

- Create and continuously update undergraduate and graduate programs focused on artificial intelligence.
- Equip students with skills to effectively use and develop AI technologies.
- Emphasize ethical and sustainable AI applications in the educational curriculum.

3. Community Contribution:

- Develop projects that promote the use of AI technologies for the benefit of society.
- Collaborate with public and private sectors to expand the use of AI in various fields.
- Organize seminars, conferences, and workshops to raise awareness in the field of AI.

4. Internationalization:

- Establish collaborations with international academic and research institutions to facilitate global knowledge and technology transfer.
- Participate in international AI projects and consortia.
- Offer an attractive education and research environment for international students and academics.



AI VISION INSTITUTE & UNIVERSITY



About the Founder

Abdullah Alp ASLAN is a distinguished expert, software engineer, and visionary with 25 years of international experience in artificial intelligence and advanced technologies. His deep commitment to education, research, and technological innovation has led to significant contributions in today's most critical scientific and technological fields.

Having completed his undergraduate studies at leading universities, Abdullah Alp ASLAN has undertaken numerous successful projects in artificial intelligence and software engineering. Currently, ASLAN is pursuing advanced studies in artificial intelligence at the University of Oxford, continuously updating his knowledge and experience to contribute to innovative projects.

Since 2020, Abdullah Alp ASLAN has been living in the United Kingdom with his family. He is married and a father of three. His strong family bonds help him maintain a balance between his personal and professional life.

Abdullah Alp ASLAN holds numerous patents reflecting his innovative contributions to technology. He has also worked as an IT manager in some of Turkey's prominent international companies, showcasing his expertise and leadership in the field.

In Turkey, ASLAN successfully completed the TÜBİTAK Smart Helmet Innovation Project, bringing the product to market with government support and incentives. The product is now available for global sale, and the project has earned ASLAN several awards for its technological innovation and functionality.

Under ASLAN's leadership, the university aims to develop innovative projects in artificial intelligence and high technology across campuses in the United Kingdom, the United States, and Turkey. ASLAN's vision is to provide world-class education and research opportunities to students and researchers, contributing to the technological advancement of society.

For more information about Abdullah Alp ASLAN's professional and personal projects, please visit his [official website](#), [blog](#), [YouTube channel](#), and [LinkedIn profile](#).



 **A. Alp Aslan**
Digital Transformation Architect | Software Engineer

DIRECTOR | FOUNDER



AI VISION INSTITUTE & UNIVERSITY



About the Founder



A. Alp Atslan
Digital Transformation Architect | Software Engineer
DIRECTOR | FOUNDER





 ELECTED TO THE PRESIDIUM

ABDULLAH ALP ASLAN

SPECIAL COORDINATOR FOR
ARTIFICIAL INTELLIGENCE

International Science & Technology Consortium

 GENEVA, SWITZERLAND



INTERNATIONAL SCIENCE &
TECHNOLOGY UNIVERSITY

Proudly Announcing

NEW APPOINTMENT

We are proud to announce that

Mr. Abdullah Alp ASLAN

has been appointed as

**ISTU GLOBAL
HONORARY BOARD MEMBER**

We look forward to his valuable contributions in
advancing academic excellence, research, innovation
and global collaboration.



International
Academic
Excellence



Global
Collaboration



AI & Digital
Transformation



Innovation &
Leadership



Mr. Abdullah Alp ASLAN

-  ISTU Global - Honorary Board Member
-  President of AI Vision Institute and University
-  Director of London Valley
-  Digital Transformation Leader
-  alp.aslan@istu.edu.pl



LondonValley



Artificial Intelligence Research & Development



Artificial Intelligence Research & Development

 www.istu.edu.pl

    / istu.edu



MEETUP & GLOBAL AWARDS

SCI & TECH GLOBAL AWARDS 2026

Uniting Science, Technology and Innovation for a Better Future



AI VISION INSTITUTE & UNIVERSITY
EDUCATING AI LEADERS
BUILDING A SMARTER FUTURE



INNOVATOR OF THE YEAR

Award

Proudly Presented to

ABDULLAH ALP ASLAN

In recognition of your outstanding vision,
leadership and innovative contribution to
technology and society.



https://www.youtube.com/watch?v=pAE69_Dfvc4

AGENDA HIGHLIGHTS



ARTIFICIAL
INTELLIGENCE
The Future is AI



INNOVATION &
ENTREPRENEURSHIP
Ideas into Impact



SUSTAINABILITY
& GREEN TECH
Building a Better Planet



RESEARCH &
DEVELOPMENT
Advancing Knowledge



EDUCATION &
FUTURE SKILLS
Empowering Minds



SMART INDUSTRY
& DIGITAL TRANSFORMATION
Shaping Tomorrow



INTERNATIONAL
COLLABORATION
Stronger Together



10-12 JULY 2026
BATUMI, GEORGIA



GLOBAL NETWORKING
TOP EXPERTS, LEADERS & INNOVATORS



A GLOBAL PLATFORM FOR SCIENCE,
TECHNOLOGY & INNOVATION

WITH DEDICATION, CONFIDENCE
AND BELIEF IN THE FUTURE,

GREAT RESULTS!

I would like to express my sincere gratitude to everyone who has been a part of my journey in digital transformation, technology and innovation.

These awards belong to all of us!



10th ISTANBUL IT CONGRESS
21 DECEMBER 2016
NEW TRENDS IN TECHNOLOGY
For our contribution to the 10th Istanbul IT Congress on "New Trends in Technology" as GLOBAX.
Thank you for your invaluable support.



**TBD ISTANBUL
11th IT STARS PROJECT
CONTEST 2023**
NATIONAL AND LOCAL
BEST PROJECT CONTEST



**IT 2017
SERVICE AWARD**
BEST INNOVATIVE
PROJECT AWARD
AKILLI BARET IOT,
GLOBAX Bilişim



**IT STARS 2023
PARTICIPATION AND
ACHIEVEMENT CERTIFICATE**
Our project "PERFECTO New Generation CRM AI Cloud Solution" was selected as one of the Top 3 projects in the category of Private Sector Companies.

These awards are a reflection of our team's dedication, our innovative mindset, and our belief in creating value.

We continue to work, produce, and add value without stopping!

Thank you!

♥ PASSION | 💡 INNOVATION | 👥 TEAM SPIRIT | 🚀 DIGITAL TRANSFORMATION
#Award #Success #DigitalTransformation #Innovation #Gratitude

EMEĞİN, AZMİN VE İNANCIN MUTLU SONUÇLARI!

Dijital dönüşüm, teknoloji ve inovasyon yolculuğumda emeği geçen herkese sonsuz teşekkürler.

Bu ödüller hepimizin!



10. ISTANBUL BİLİŞİM KONGRESİ
21 ARALIK 2016
TEKNOLOJİDE YENİ TRENDLER
GLOBAX olarak vermiş olduğumuz destekten dolayı teşekkür ederiz.

**TBD İSTANBUL
11. BİLİŞİM YILDIZLARI**
YERLİ VE MİLLİ
Özgün Proje Yarışması



**BİLİŞİM 2017
HİZMET ÖDÜLÜ**
En Yenilikçi Proje Hizmet Ödülü
AKILLI BARET IOT,
GLOBAX Bilişim

**BİLİŞİM YILDIZLARI 2023
KATILIM VE BAŞARI SERTİFİKASI**
"PERFECTO Yeni Nesil CRM AI Bulut E-iş Çözümü" projesi ile Özel Sektör Firmaları kategorisinde Üçüncü olduk.

Bu ödüller; ekip ruhunun, yenilikçi düşüncenin ve üretmeye olan inancımızın bir göstergesi.
Durmadan çalışmaya, üretmeye ve değer katmaya devam ediyoruz!

Teşekkürler!

♥ AZİM | 🚀 İNOVASYON | 👥 EKİP RUHU | 🌐 DİJİTAL DÖNÜŞÜM
#Ödül #Başarı #DijitalDönüşüm #Inovasyon #Teşekkürler

Abdullah Alp Aslan AI Vision Institute IS BUILDING A ROBOT FACTORY IN THE UK!

We are investing in the future of intelligent automation and creating high-tech solutions for a better world.

Ai VISION INSTITUTE
Shaping the Future
Through AI & Robotics

AI HOSPITAL IS SHAPING THE FUTURE OF HEALTHCARE

**Smarter. Faster.
More Accessible.**

At AI Hospital, we combine Artificial Intelligence with experienced healthcare professionals to deliver a new generation of digital healthcare services.

 **AI-POWERED
MEDICAL SUPPORT**

 **ONLINE GP &
SPECIALIST
CONSULTATIONS**

 **24/7 DIGITAL
HEALTHCARE ACCESS**

 **FAST, SECURE &
PATIENT-CENTRED CARE**

 Together, we're transforming
the future of healthcare in the UK.

 **AI HOSPITAL**
THE FUTURE OF
INTELLIGENT HEALTHCARE.

 **aihospital.uk**

 **My
Doctors**
online.co.uk

 **mydoctorsonline.co.uk**

ABDULLAH ALP ASLAN
IS BUILDING

THE WORLD'S FIRST

AI VISION UNIVERSITY

Where AI Educates the Future

AI Vision University is a next-generation institution where Artificial Intelligence, Robotics and human expertise come together to shape the leaders, innovators and researchers of tomorrow.

 **AI & ROBOTICS-POWERED
EDUCATION**
Intelligent systems that personalize, optimize and elevate learning.

 **AI PROFESSORS &
HUMAN FACULTY**
A hybrid model that brings together AI-driven knowledge and human experience.

 **AI RESEARCH SCIENTISTS &
INNOVATION LABS**
Advanced laboratories and AI research fellows driving global innovation.

 **A GLOBALLY CONNECTED
DIGITAL CAMPUS**
Borderless education with smart technology and global collaboration.

 **HYBRID LEARNING WITH
INTELLIGENT AUTOMATION**
AI assistants and robotic systems support both students and faculty.

 **INDUSTRY-FOCUSED INNOVATION &
ENTREPRENEURSHIP**
Real-world impact through startups, partnerships and practical learning.

THE FUTURE STARTS HERE

AI Vision University will be a global center for education, research, innovation and technological leadership.

 **AI**  **ROBOTICS**  **HUMAN
INTELLIGENCE**  **HIGHER
EDUCATION**

Building the future of education through
Artificial Intelligence, Robotics and Human Intelligence.

**Ai VISION
INSTITUTE**

 **AI VISION
UNIVERSITY**
EDUCATE. INNOVATE. INSPIRE.

 www.avision.university
 www.avision.institute

A NEW GENERATION UNIVERSITY WHERE AI AND HUMANS LEARN, TEACH AND INNOVATE TOGETHER.



LONDRA
AKTÜEL

https://youtu.be/N9dd0nlqdKU?si=FJY4rkp-RP_SR7Mq



The World's First Artificial Intelligence University Has Been Founded



About the Founding Rector

Rector, Prof. Dr Erdal DURSUN

graduated from Çankaya University, Department of Electronics and Communication Engineering. He started his professional career at Bilkent University Technology Development Zone in 2008. In 2009, he received his master's degree in his field, and in 2014, he received his doctorate. He carried out his post-doctoral studies at Southern University Institute of Management, Business and Law.

Between 2009 and 2013, he served in public service as an Electronics Engineer and Technical Auditor at the Ministry of Transport and Infrastructure, Directorate General of Civil Aviation (DGCA). He received various operational trainings in Türkiye and abroad. He served as the Founding President of the Aviation Safety Institution (HEK) Association. As a result of the successful project studies he prepared before the Ministry, he was awarded an Official Certificate of Appreciation. He pioneered the capacity building, sectoral cooperation and global market access activities of various higher education institutions.



Prof. Dr Erdal DURSUN

Founding Rector



About the Director

EDIP DURDAG DIRECTOR

Edip Umran Durdağ is a **Physicist** and senior **Defense Industry Expert** with **over 20 years of experience** in the development of **Unmanned Vehicle Systems (UAV, UGV, USV)**. He has worked on major national and international projects, specializing in **kamikaze drones, armed unmanned platforms, reconnaissance systems, mechanical design, electromechanics, electronics, software, and system integration.**

He contributed to strategic unmanned vehicle programs in **Türkiye, Azerbaijan, and Ukraine**, including **kamikaze naval drones (240 kg warhead)**, remotely controlled USV platforms, and advanced UAV systems. His work aligns with global examples such as next-generation naval drones deployed in the Black Sea.

Mr. Durdağ also develops models for establishing **Unmanned Vehicles Research & Application Institutes**, covering training, production workshops, simulation, assembly, testing, and full system manufacturing. He advocates strengthening defense capacities across **Turkic republics**, aiming to support nations in building **independent unmanned vehicle technologies** and sustainable defense infrastructures.





Projects



AI VISION UNIVERSITY – DEFENCE & SECURITY PROJECTS

AI Innovation for Air, Land, and Naval Systems

AI Vision University develops next-generation **Defence and Security Technologies** powered by **Artificial Intelligence, Robotics, and Data Intelligence**.

The program focuses on **AI integration across air, land, and naval platforms**, supporting research and collaboration with defence industries and government partners.

Core Focus Areas:

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Through the **AI Vision Institute** and **London Valley Technology Park**, the project accelerates defence innovation, strengthens national resilience, and contributes to the development of **ethical, intelligent, and secure defence technologies** for the future.



Otonoum AI Defence Technology & Unmanned Systems



Institute of Defence and Unmanned Systems Research & Applications (Otonoum AI Institute of Technology)

The **Institute of Defence and Unmanned Systems Research & Applications** has been established within the university.

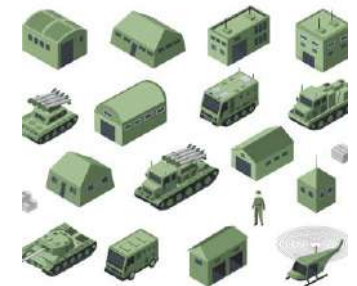
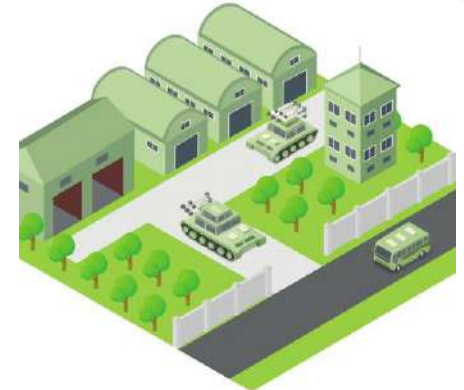
The institute focuses on autonomous vehicles, defence technologies, and practical applications in unmanned aerial, ground, and marine systems.

All required human resources will be supplied by students trained within the institute. Additional staffing support will be provided by students educated at the **Human Resources Institute**.

Otonoum AI Defence Technology & Unmanned Systems



Qualified Human Resources



Otonom AI Defence Technology & Unmanned Systems

Product Categories to Be Manufactured by the Application Laboratories Affiliated with the Institute for Unmanned Vehicles Research and Application

Pilotless Flying Devices (Unmanned Aerial Vehicles)



Kamikaze Unmanned Aerial Vehicle



Armed Unmanned Aircraft



Reconnaissance & Surveillance Drones

Pilotless Ground Vehicles (Unmanned Ground Vehicles)



Kamikaze Unmanned Ground Vehicle



Armed Unmanned Ground Vehicle

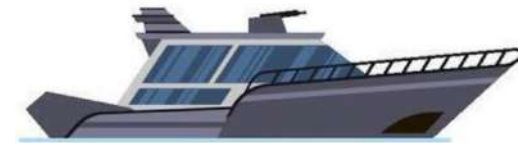


Reconnaissance & Surveillance Unmanned Ground Vehicle

Pilotless Marine Vehicles (Unmanned Sea Vehicles)



Kamikaze Unmanned Sea Vehicle

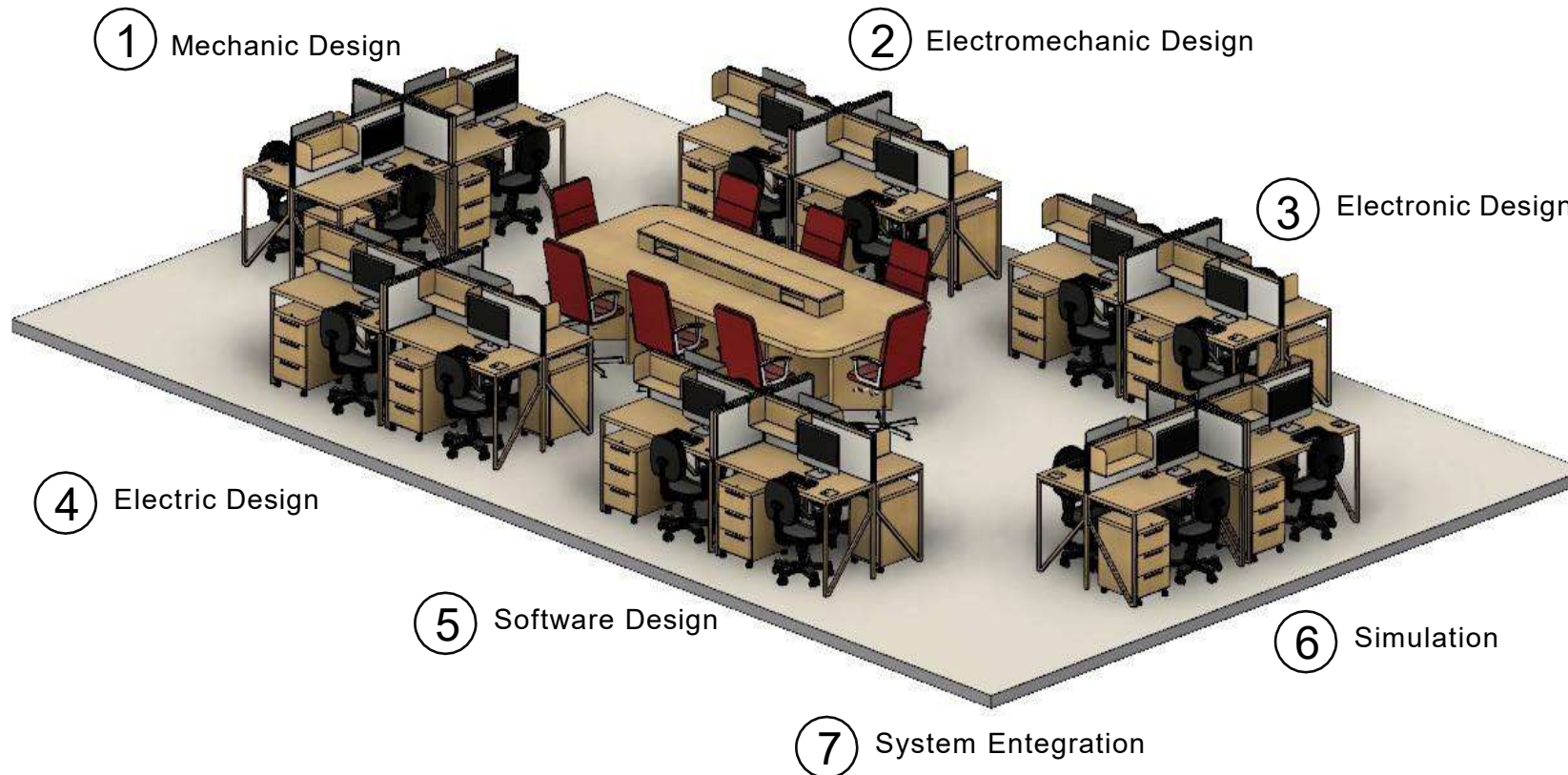


Armed Unmanned Sea Vehicle



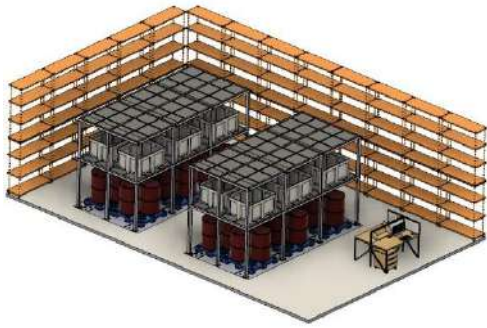
Reconnaissance & Surveillance Unmanned Sea Vehicle

Institute for Unmanned Vehicles Research and Application

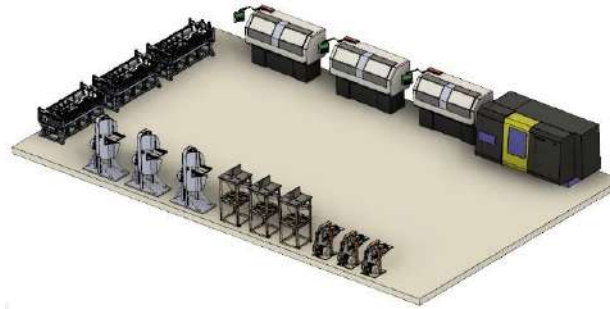


Workflow Diagram of the Application Laboratories Affiliated with the Institute for Unmanned Vehicles Research and Application.

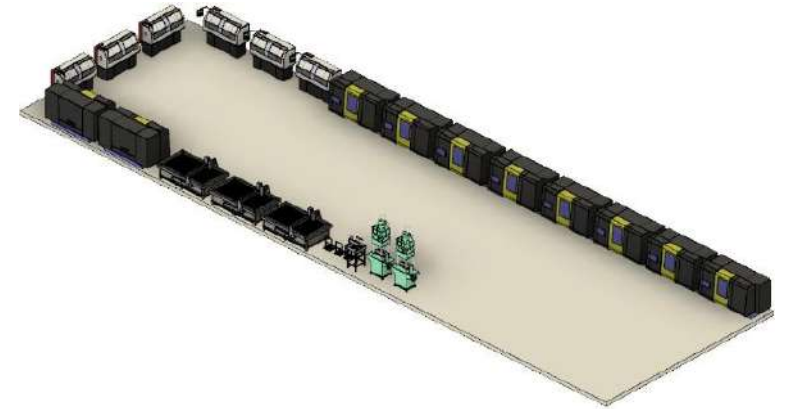
Institute for Unmanned Vehicles Research and Application



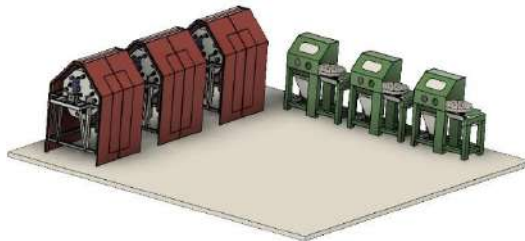
① Storage Unit



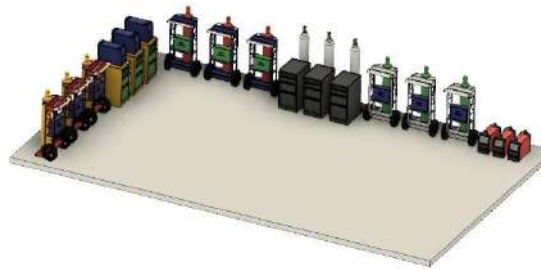
② Preparing to Production Unit



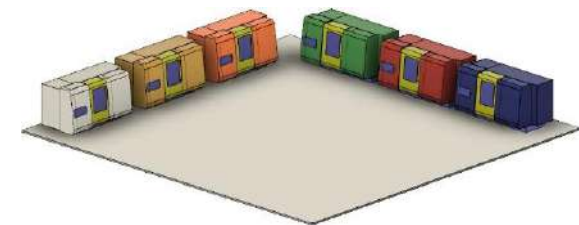
③ Processing Line



④ Preparing to Montage Unit



⑤ Welding Unit



⑥ Mechanical Test Unit

Institute for Unmanned Vehicles Research and Application



7 Mechanic Unit



8 Electromechanic Unit



9 Cabling Unit



10 Aviation Unit



11 Navigation Unit



12 Payload Unit



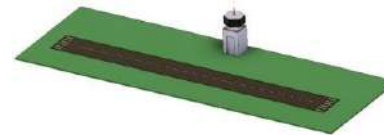
13 System Testing Unit



14 Cover Unit



15 Paint Unit



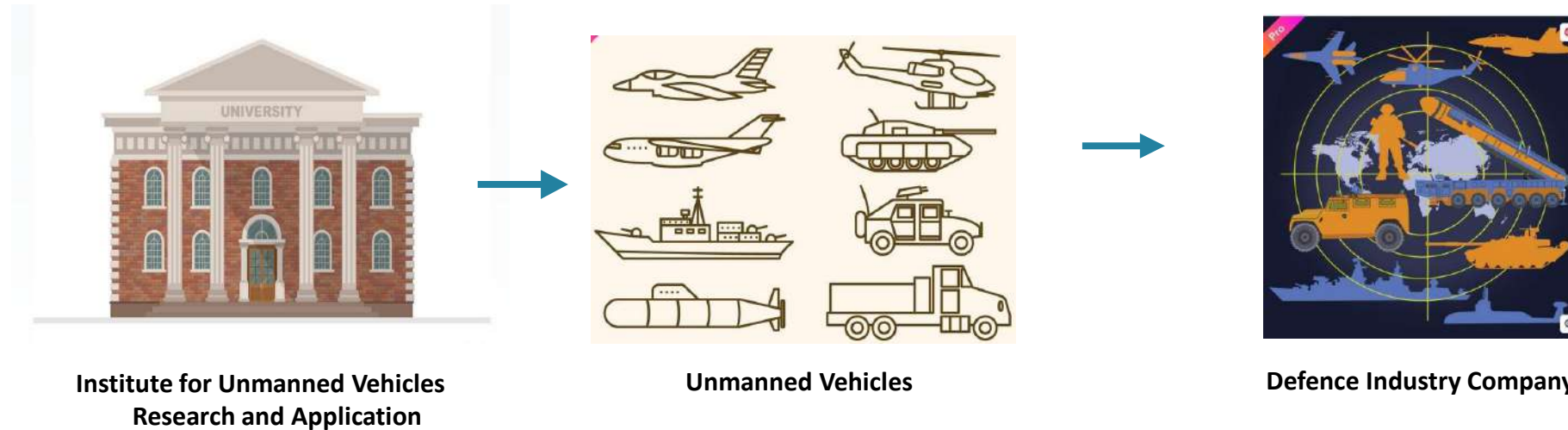
16 Flight Test Unit



17 Packing Unit

Institute for Unmanned Vehicles Research and Application

The application laboratories affiliated with the Institute for Unmanned Vehicles Research and Application will produce Unmanned Aerial, Unmanned Ground, and Unmanned Sea Vehicles.



The Institute for Unmanned Vehicles Research and Application will authorize the Defence Industry Company that will be established to sell the manufactured products worldwide.

Otonoum AI Defence Technology & Unmanned Systems



Otonoum AI Defence Technology & Unmanned Systems

- The main factors that will affect finance
 - Investment cost (Facility, Machine, Vehicle)
 - Operating cost
 - Staff member cost
 - Raw material cost
 - Know-How transfer fee

Investment

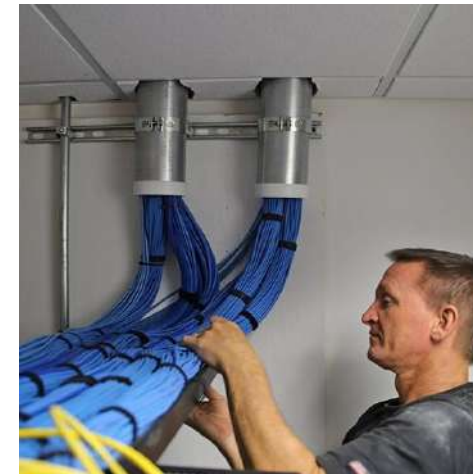
- Facility
- Machine
- Vehicle



COST FOR REALIZE “UNMANNED VEHICLES” PRODUCTS

Required cost per year to operate the facility

Electronic, Communication, Meal, Water, Industrial Gas, Natural gas, Commute fee, Cash)



COST FOR REALIZE “UNMANNED VEHICLES” PRODUCTS

Manager, Manager Assistants, Director of Compartments (Mechanics, Electromechanics, Electronics, Software, System Integration, Area Applications), Ship and Plane Engineers, Mechanic Engineers, Physics Engineers, Chemical Engineers, Electric- Electronic Engineers, Computer Engineers, Technicians, Workers,

Composite Design and Manufacturing, Electromechanic Design and Manufacturing, Electric-Electronic Design and Manufacturing, Software Design and Implementations, Production Assembly and Integration Team, Test Teams,

Captains,

Ground Control Teams,

Approx. 80 Member of this projects.)



COST FOR REALIZE “UNMANNED VEHICLES” PRODUCTS

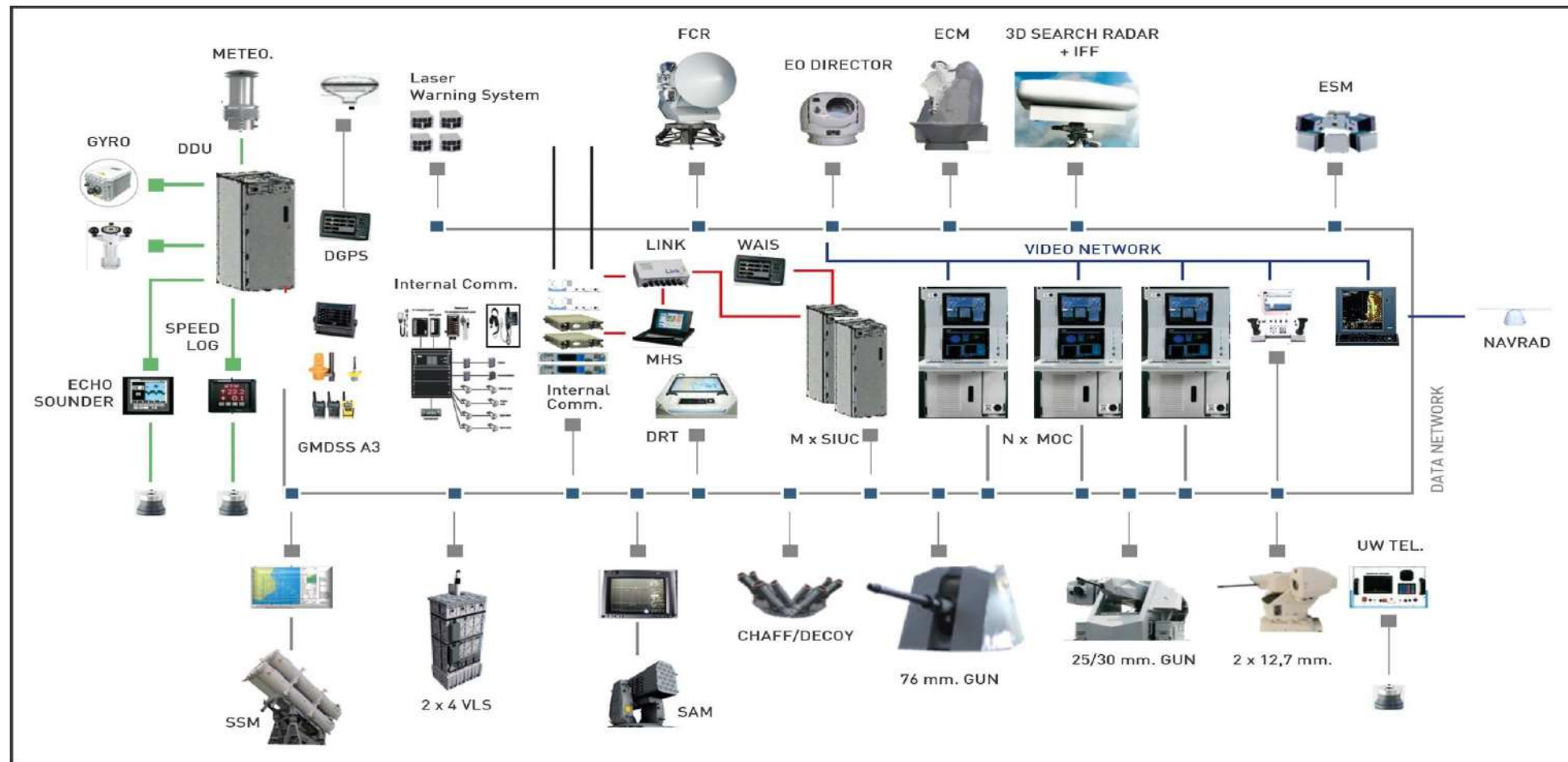
Composite production materials

Metal materials

Industrial plastic materials Industrial adhesives



COST FOR REALIZE “UNMANNED VEHICLES” PRODUCTS



MISSIONS SYSTEM INTEGRATION



New Projects



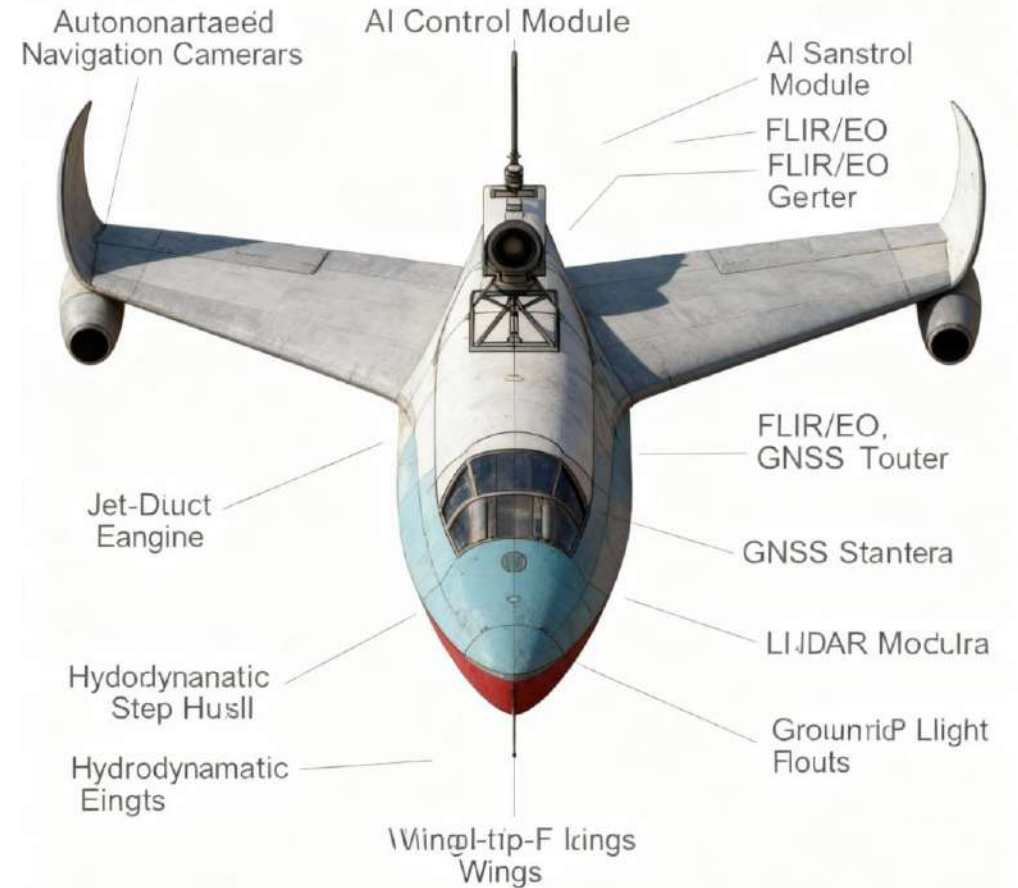
Kamikaze Drone & USV – Short Project Summary

The **Kamikaze Drone and Unmanned Surface Vessel (USV)** project delivers a next-generation autonomous strike capability for modern defence operations. Both platforms are equipped with **AI-enhanced navigation, FLIR/EO sensors, GNSS targeting, and precision attack modules**, enabling high-accuracy engagement of critical targets.

The **Kamikaze Drone** provides long-range aerial strike capability with a low-observable design and autonomous terminal attack mode.

The **Kamikaze USV** offers high-speed maritime assault, ideal for targeting enemy ships, coastal assets, and high-value naval infrastructure.

These systems provide **low-cost, high-impact, risk-free strike solutions**, enabling effective operations across air and maritime domains, individually or in coordinated swarm missions.





New Projects



Core Technical Features

- **AI Control Module:** Autonomous flight & navigation, obstacle avoidance
- **Multi-Sensor Targeting:** FLIR/EO, GNSS, LIDAR fusion
- **Guidance System:** Anti-jamming GNSS + inertial navigation
- **Propulsion:** High-efficiency jet-duct engine (UAV) / hydrodynamic hull propulsion (USV)
- **Communication:** Encrypted real-time data link + autonomous mission mode
- **Payload Options:** High-explosive impact warhead with precision terminal guidance

Mission Modes:

- Single-platform strike
- Coordinated swarm engagement
- Autonomous target recognition & attack

Operational Advantages

- Long-range deep-strike capability
- Low radar & thermal signature
- Fully autonomous or remote-controlled
- Optimized for asymmetric, naval, and high-value target missions





Navigation Sensors

Jet Propulsion System

Internal Fuel and Systems



DALIŞ DERİNLİĞİ



SU ALTI GÖREV MODU



HIZ (SU ALTI)

40+ Knot (Dalış Hızı)



DERİNLİK

10M - 200M [from spec]



OTONOM KONTROL

Aktif



SENSÖR AKTİVASYONU

Tam Sualtı Sensör Füzyonu

DALMA BURUN YAPISI

DALIŞA HAZIR
OPTİK SENSÖRLER

DALIŞA HAZIR
OPTİK SENSÖRLER

SUDAN ÇIKAN
PERVANE ÜNİTESİ

AFT GÖVDE VE
KONTROL YÜZEYLERİ

AFT GÖVDE VE
KONTROL YÜZEYLERİ

SUYA GİRİŞ AÇISI
VE KONTROL



HİDROFOİL VE DALICI
MEKANİZMASI AKTİF

ANA ÖZELLİKLER

YÜKSEK HIZ: 130+ Knot (Su Üstü)

SESİZ YAKLAŞIM MODU: Aktif

TESPİT MESAFESİ: Optimize Edilmiş

SU ÜSTÜ GİZLİ
SENSÖR SÜİTİ

HİDROFOİL VE WIG
(WING-IN-GROUND)
KONTROLÜ (AKTİF)

SÜPERKAVİTASYON
UYARLAMALI YÜKSEK
HIZLI PERVANE VE DÜZLEM

SÜPERKAVİTASYON
GÖVDE YAPISI

DÜŞÜK İMZA
GÖVDE YAPISI

BATARYA PAKETİ
VE GÜÇ YÖNETİMİ
(OPTİMİZE)

AKUSTİK VE WAKE AZALTIMI
(SESİZ YAKLAŞIM MODU)





KARABATAK
OTONOM SAVUNMA SİSTEMLERİ

Navigation Sensors

Jet Propulsion
System

Internal Fuel
and Systems







New Projects



Core Technical Features

- **AI Control Module:** Autonomous flight & navigation, obstacle avoidance
- **Multi-Sensor Targeting:** FLIR/EO, GNSS, LIDAR fusion
- **Guidance System:** Anti-jamming GNSS + inertial navigation
- **Propulsion:** High-efficiency jet-duct engine (UAV) / hydrodynamic hull propulsion (USV)
- **Communication:** Encrypted real-time data link + autonomous mission mode
- **Payload Options:** High-explosive impact warhead with precision terminal guidance

Mission Modes:

- Single-platform strike
- Coordinated swarm engagement
- Autonomous target recognition & attack

Operational Advantages

- Long-range deep-strike capability
- Low radar & thermal signature
- Fully autonomous or remote-controlled
- Optimized for asymmetric, naval, and high-value target missions



BUILT FOR
THE FUTURE.
PROTECTING
THE PRESENT.



AI VISION
DEFENCE & SECURITY INSTITUTE

UK DEFENCE

HUMANOID SOLDIER SYSTEM

— GUARDIAN – UK01 —



PROTECT
Advanced Protection
for Every Mission



DETECT
AI-Powered Sensors
& Real-Time Intelligence



SUPPORT
Drones & Robotics
Working as One



DESIGNED & DEVELOPED
FOR UK DEFENCE

INNOVATION FOR
A SAFER TOMORROW



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COST FOR REALIZE “UNMANNED VEHICLES” PRODUCTS

Know-How transfer fee

Know-How transfer fee includes all the information and implementation procedure. It is the charge that the transferred country should pay to have this technology. Moreover, it includes all the project and its final product.)



Accomplished Projects



2024–2025 Kamikaze Unmanned Sea Vehicle (Azerbaijan)

Accomplished Projects



2024–2025 Kamikaze Unmanned Sea Vehicle (Azerbaijan)

Accomplished Projects



KUSV can be controlled remotely from; Mobile vehicles, headquarters and command centers, deployable on floating platforms such as Landing Platform Docks, Frigates, Mine Hunting Vessels, Patrol Boats and Corvette class

2024–2025 Kamikaze Unmanned Sea Vehicle (Azerbaijan)

Accomplished Projects

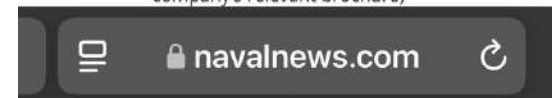


currently in negotiations with several other countries for further exports.

LEVEND has a length of 6.50 meters, a width of 2.25 meters, and a weight of 2,000 kg. It is capable of exceeding 45 knots and is powered by a 270-300 hp turbo diesel inboard engine with a stern drive propulsion system. It boasts a payload capacity of over 250 kg.



LEVEND USV while berthed to the pier (Screenshot from company's relevant brochure)



Accomplished Projects



2022–2024 Exercise Unmanned Sea Vehicle (Naval Forces – Türkiye)

Accomplished Projects



2021–2022 Armed Unmanned Sea Vehicle (Türkiye)

Accomplished Projects



2022–2024 Exercise Unmanned Sea Vehicle (Naval Forces – Türkiye)

Accomplished Projects



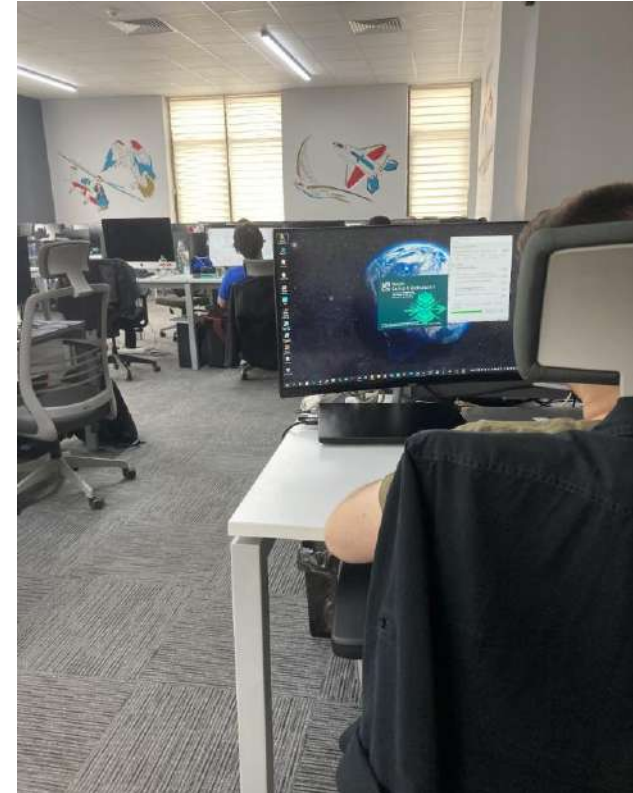
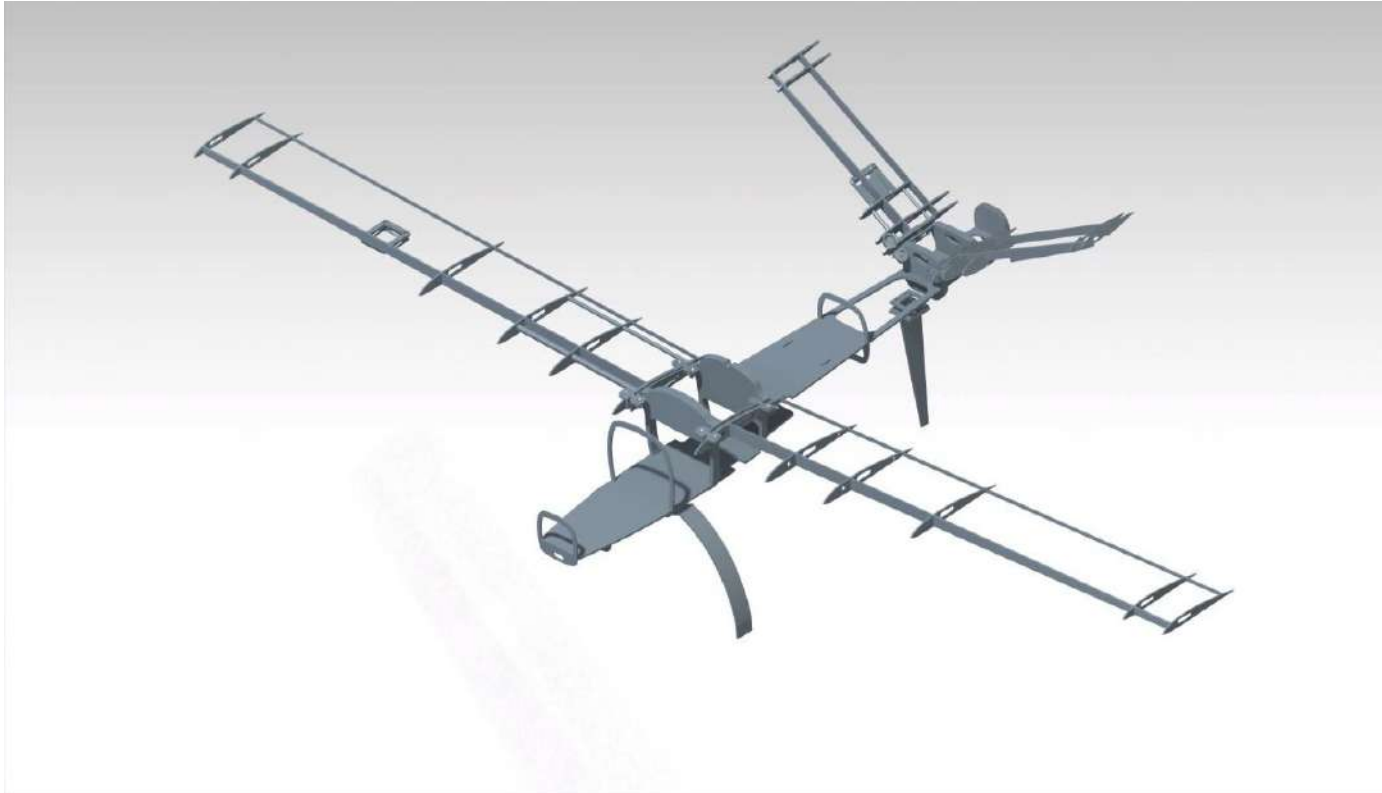
2021–2022 Armed Unmanned Sea Vehicle (Türkiye)

Accomplished Projects



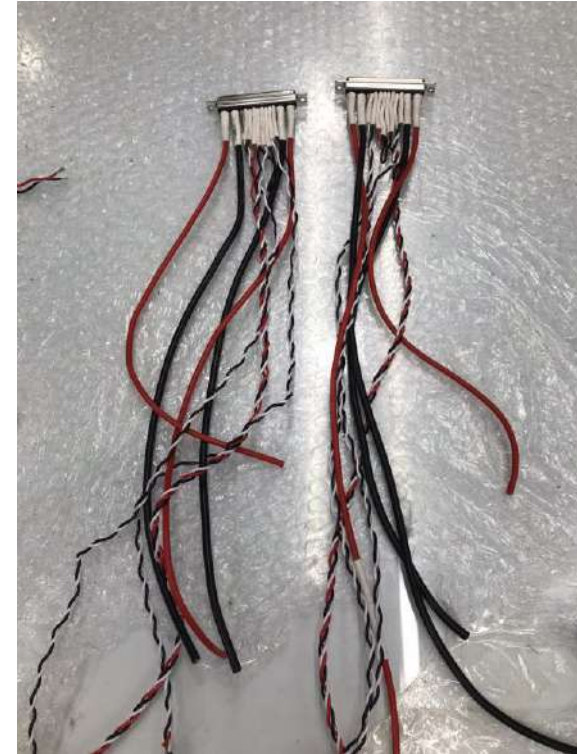
2021–2022 Armed Unmanned Sea Vehicle (Türkiye)

Accomplished Projects



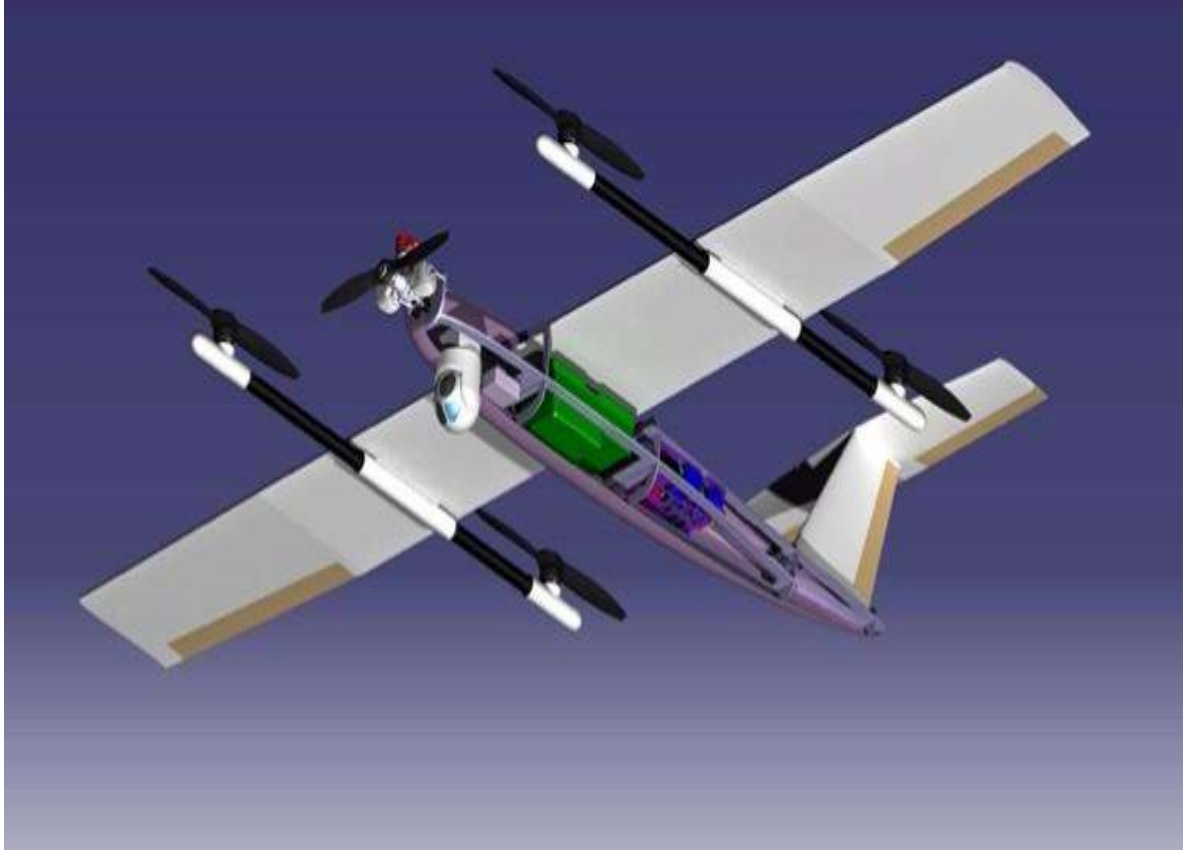
2020–2021 Armed Unmanned Sea Vehicle (Türkiye)

Accomplished Projects



2020–2021 Armed Unmanned Sea Vehicle (Türkiye)

Accomplished Projects



2020–2021 Armed Unmanned Sea Vehicle (Türkiye)

Accomplished Projects



2021–2022 Armed Unmanned Sea Vehicle (Türkiye)

Accomplished Projects



2002–2020 Armed Unmanned Sea Vehicle (Türkiye)

Accomplished Projects



2002–2020 Armed Unmanned Sea Vehicle (Türkiye)

Accomplished Projects



2002–2020 Armed Unmanned Sea Vehicle (Türkiye)

Accomplished Projects



2021–2022 Armed Unmanned Sea Vehicle (Türkiye)

Accomplished Projects



2002–2020 Armed Unmanned Sea Vehicle (Türkiye)

Accomplished Projects



2021–2022 Armed Unmanned Sea Vehicle (Türkiye)

Accomplished Projects



2002–2020 Armed Unmanned Sea Vehicle (Türkiye)

Accomplished Projects



2002–2020 Armed Unmanned Sea Vehicle (Türkiye)

KAMIKAZE DRONES PROJECTS



CONCEPT
DESIGN
AND
PREVIEW

KAMIKAZE DRONES PROJECTS



CONCEPT
DESIGN
AND
PREVIEW

KAMIKAZE DRONES PROJECTS



●○○○

AREAS OF USE

•CARGO TRANSPORT

•ELECTRONIC WARFARE

•CLOSE AIR SUPPORT

FOX

MULTI-MISSION VTOL UAV

FEATURES HEADLINES

Autonomous Decision Making

AI-powered mission Planning System

Open Ecosystem

A 3D rendering of a white, multi-rotor drone with a sleek, aerodynamic design. It has four arms with propellers, a central fuselage, and a landing gear. The drone is shown from a three-quarter perspective, highlighting its compact and agile structure.

PROPULSION	ELECTRIC/HYBRID	MISSION ALTITUDE	300 M
SPEED	80 KM/H	MAX. ALTITUDE	1000 M
CRUISE SPEED	60 KM/H	MAX. CARGO	6 KG/36 KG
MISSION RADIUS	13 KM/32 KM	NAVIGATION	GPS INDEPENDENT
MAX. RANGE	40 KM/66 KM	FLIGHT COMP	ATAC H/K 1.0

CONCEPT
DESIGN
AND
PREVIEW

KAMIKAZE DRONES PROJECTS



Platform UAV

CONCEPT
DESIGN
AND
PREVIEW

KAMIKAZE DRONES PROJECTS



Technical Information	
Dimensions	
Width	83cm
Height	57cm
Length	125cm
Weight(Empty Mass)	85kg
Medicine Tank	can be added
Driving	
Speed	40km/h
Waking	Single Motor Differential
Energy Type	Electricity
Engine	2kW
Battery Type	Li-ion Battery
Power Consumption	1.4kWh
General Information	
Payload Capacity	200-250kg
Working Time	350d
Lidar	available
Camera	available
Communication Range	5000m
Control Unit	ControlApplication
Smart Route Planning	available
Autonomous Driving	being developed
3D Mapping	being developed
Swarm Work	being developed



CONCEPT
DESIGN
AND
PREVIEW

KAMIKAZE DRONES PROJECTS



Platform UAV

CONCEPT
DESIGN
AND
PREVIEW



New Projects



SMART HELMET®
INTELLIGENT TRACKING SYSTEMS



4G Tactical Smart Helmet Camera | NVSW50 with WIFI GPS Night Vision

Industry-specific attributes

Special Features:

NIGHT VISION, Waterproof / Weatherproof, Two-way Audio

Sensor : CMOS

Style : Helmet Camera

Function : Wide Angle

Data Storage Options : Memory Card

Warranty : 1 Year

Video Compression Format : H.265

Customized support:

Online technical support, Customized logo, Software reengineering, OEM, ODM

Model Number

NVSW50

Application : outdoor

System : Andriod 11

CPU : 8 Core

Video : 1080P

IP : IP66

Internet : 4G/3G/WIFI/BT/RTSP

Night vision : Auto IR-CUT

Storage : 256GB Max

Camera : 1/2.8" Progressive Scan CMOS

Oled display screen : optional

Battery : 3600mAh





New Projects



SMART HELMET®
INTELLIGENT TRACKING SYSTEMS



Dog Smart Helmet NVSW50 | 4G wifi live Streaming

Special Features:

NIGHT VISION, Vandal-proof, Two-way Audio

Sensor: CMOS

Style : mini camera

Function: built-in mic, NIGHT VISION, Waterproof / Weatherproof

Data Storage Options : Micro SD card

Other attributes

Warranty : 1 Year

Video Compression Format : H.265

Customized support : Online technical support, Customized logo

Model Number

NVSW50

Application: outdoor

Video : 1080P

IP Rate : IP66

Internet : 3G/4G/WIFI

Lens : Dual Lens

Sensor : Cmos

System : Andriod

GPS : Support

TFT Screen : 2.4inch

Night vision : Auto IR-CUT





New Projects



SMART HELMET®
INTELLIGENT TRACKING SYSTEMS





Projects



AI VISION UNIVERSITY – DEFENCE & SECURITY PROJECTS

AI Innovation for Air, Land, and Naval Systems

AI Vision University develops next-generation **Defence and Security Technologies** powered by **Artificial Intelligence, Robotics, and Data Intelligence**.

The program focuses on **AI integration across air, land, and naval platforms**, supporting research and collaboration with defence industries and government partners.

Core Focus Areas:

- **Air Systems:** Autonomous drones, predictive maintenance, AI-assisted air defence.
- **Land Systems:** Smart surveillance, unmanned ground vehicles, real-time battlefield analytics.
- **Naval Systems:** AI-based navigation, threat detection, and autonomous vessel control.
- **Cyber Defence:** Intelligent threat prediction, data protection, and secure communication systems.

Through the **AI Vision Institute** and **London Valley Technology Park**, the project accelerates defence innovation, strengthens national resilience, and contributes to the development of **ethical, intelligent, and secure defence technologies** for the future.





AI VISION INSTITUTE



Global Center for AI Research & Education

The **AI Vision Institute** is the research and training arm of **AI Vision University**, leading innovation and global standardization in artificial intelligence.

All **online courses and certifications** of AI Vision University are delivered through this institute, providing accessible, high-quality education to learners worldwide.

The Institute focuses on **AI research, development, and standard setting**, shaping the future of machine learning, robotics, and ethical AI on a global scale.

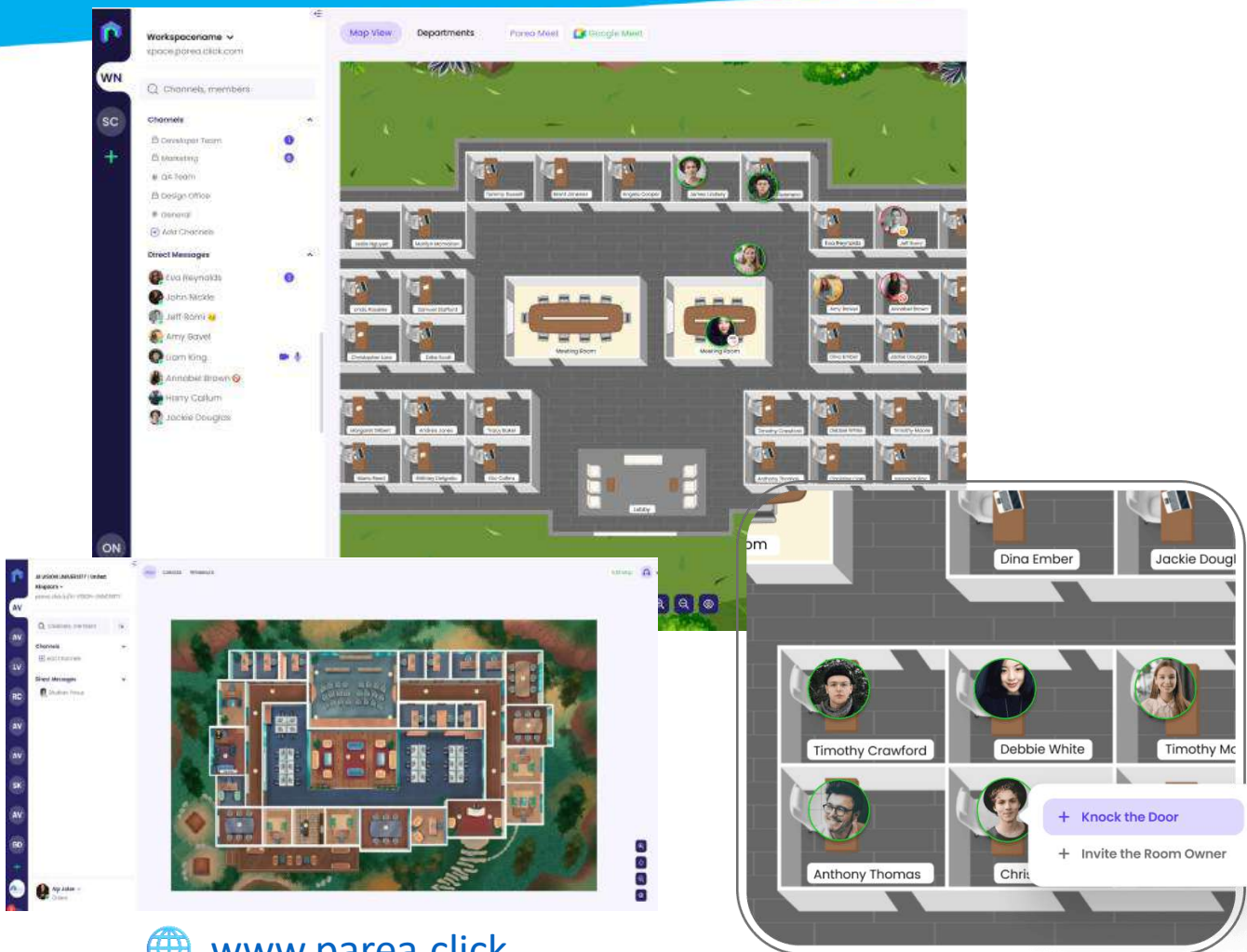
 www.aivisioninstitute.com





AI Vision University – Virtual Campus (Parea-Style Virtual University Hub)

Ready



Overview

Our **Virtual Campus** is an online immersive learning environment powered by advanced collaboration tools — inspired by platforms like Parea — that enables students, faculty, and staff to interact, work, and learn seamlessly from anywhere in the world. It's not just video lectures — the campus functions as a **digital university ecosystem** with virtual classrooms, meeting rooms, student hubs, and shared project spaces.

Mission

To break geographical boundaries and provide an accessible, engaging, and interactive educational experience that replicates and enhances the in-person university environment in a virtual space.

Core Features & Capabilities

Custom Virtual Spaces: Create themed “campus rooms” (lecture halls, labs, lounges, libraries) that reflect your university identity.

Real-Time Collaboration: Voice, video, chat, screen sharing, and whiteboards integrated directly into the environment.

Engagement Tools: Polls, quizzes, breakout rooms, and interactive sessions to maintain student participation.

Project & Group Rooms: Dedicated virtual rooms for student teams, research groups or clubs.

Analytics & Reports: Track user engagement, attendance, participation metrics, and learning patterns.

Cross-Platform Access: Web, desktop and mobile support for flexible usage.

Integration & Tools: Link to LMS, course management, file sharing, scheduling, and digital resources.

Vision

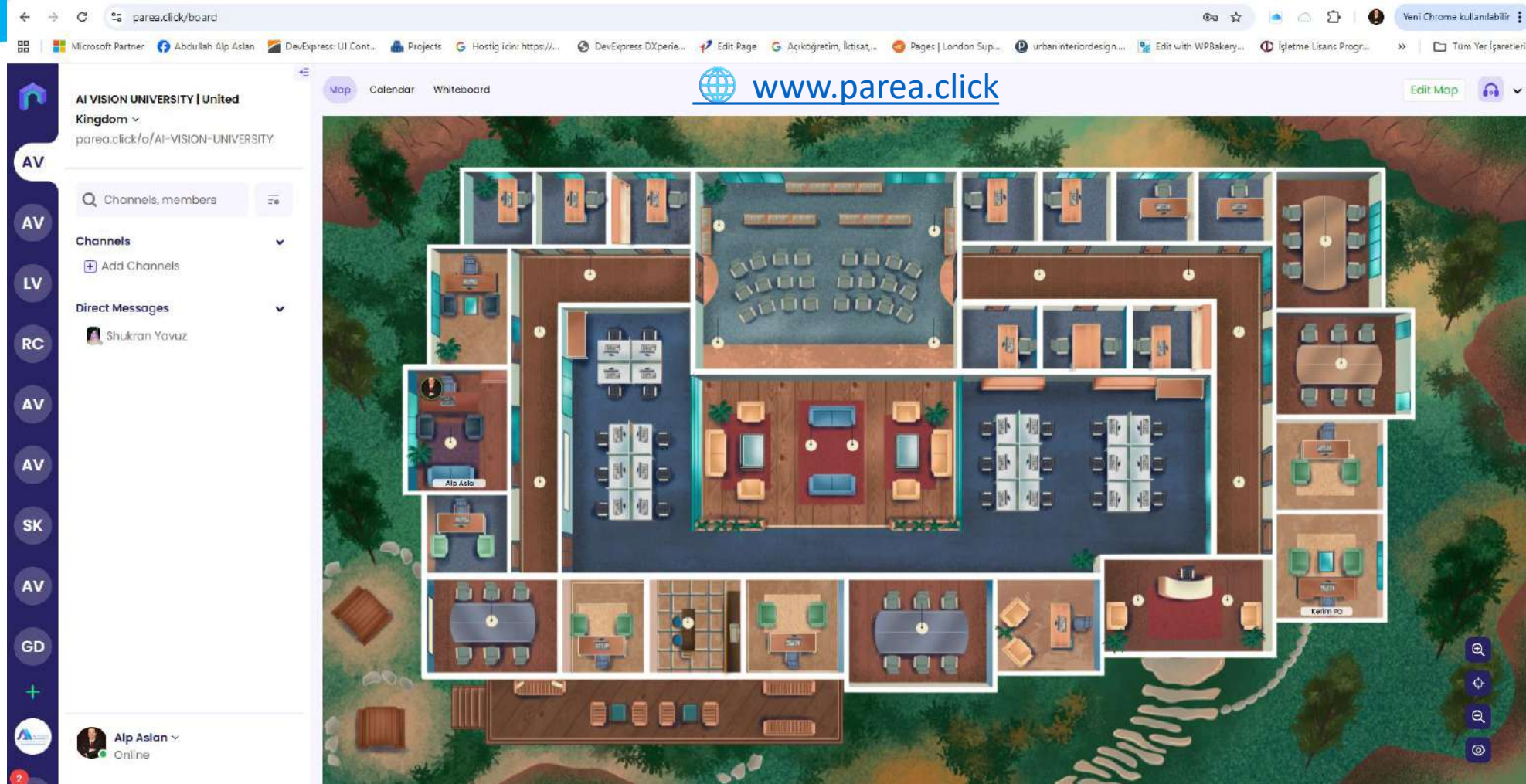
To establish **AI Vision University's Virtual Campus** as a pioneering digital institution model — a hybrid academic ecosystem where physical and virtual campuses combine, enabling students globally to access education without boundaries.

 Powered by AI Vision University – London

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AI Vision University – Virtual Campus (Parea-Style Virtual University Hub) Ready



LONDON VALLEY TECHNOLOGY PARK

INNOVATION • STARTUPS • GLOBAL OPPORTUNITIES





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LondonValley
"Global Growing"





Projects



LONDON VALLEY | TECHNOLOGY PARK

The UK's Artificial Intelligence Innovation Hub

Established by AI Vision University

The **London Valley Technology Park** is a pioneering ecosystem designed to cluster companies specializing in **artificial intelligence, robotics, defence, software, and gaming technologies** under one digital and physical innovation network.

Our **virtual technology park** is already active through the **AI Vision University Virtual Campus**, providing AI-powered collaboration spaces, startup support, and innovation labs for research and development.

The **physical campus buildings** are currently under development and are expected to be fully operational by **the end of 2026**, hosting AI-driven enterprises, research labs, and international partnerships.

The park aims to bring together innovators, entrepreneurs, and researchers shaping the future of **AI, software, defence, gaming, and emerging technologies** — fostering collaboration, investment, and sustainable growth in the UK's digital economy.

 www.londonvalley.co.uk

Powered by AI Vision University – London



AI VISION UNIVERSITY Web Sites & Social Media

Web Sites

<https://aivisionuniversity.com/>

<https://aivisioninstitute.com/>

<https://aivisionworldforum.com/>

<https://londonvalley.co.uk/>

<https://istu.edu.eu/>

<https://aihospital.uk/>

<https://aiworker.uk/>

<https://mydoctorsonline.co.uk/>

<https://aicertification.uk/>

<https://aistandardscertificationauthority.com/>

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AI VISION
DEFENCE & SECURITY INSTITUTE



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