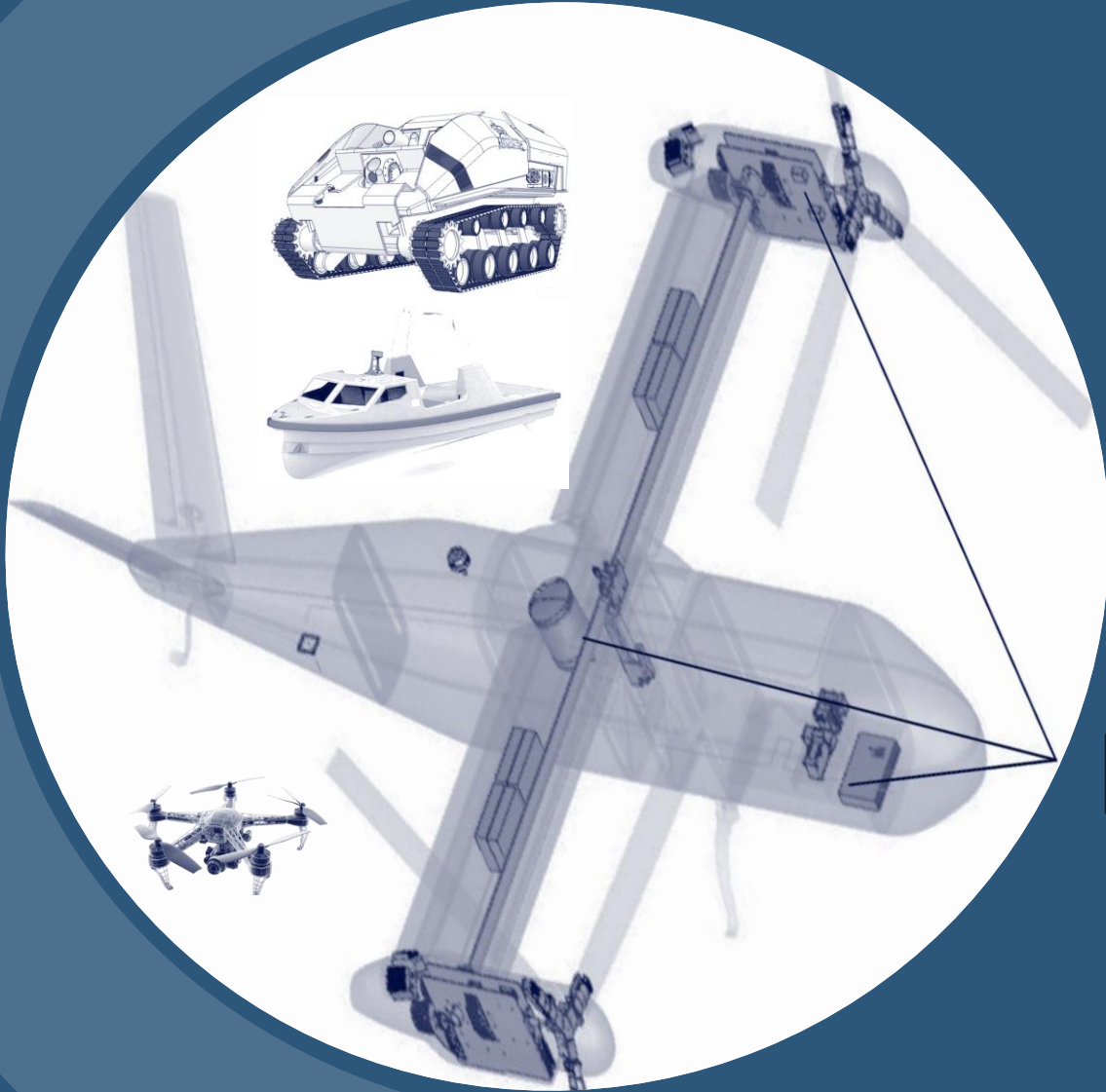


TITANBOTICS
SINCE 2012



UAVs, UGVs, & USVs

▶ TITANBOTICS



DIVERSE APPLICATIONS

Our specialized UAVs, UGVs, and USVs are designed for a wide range of applications, including surveillance, reconnaissance, agricultural monitoring, and industrial inspections, ensuring versatility to meet various client needs.



CAPABILITIES

Research & Development Solutions:

We offer custom R&D services, ensuring our clients receive specialized support for their needs.

Specialized Drones and Allied Services:

Our offerings include **agricultural spraying drones**, drones for **building and tower cleaning**, **wind turbine inspection**, and **surveillance drones**, ensuring versatile solutions across industries.

Advanced Engineering Capabilities:

Our in-house **CAD/CAM services**, **CNC machining**, and **3D printing** facilities provide end-to-end solutions for prototype development, mold making, and composite manufacturing



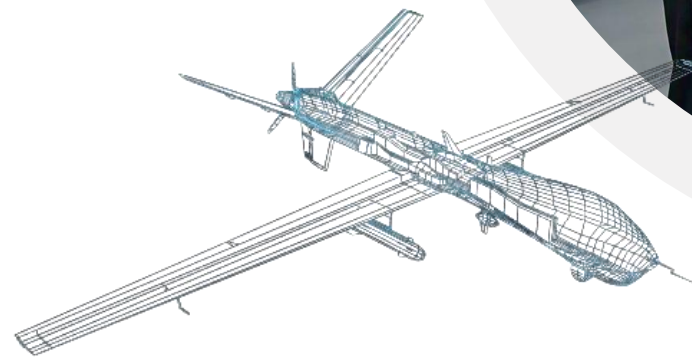
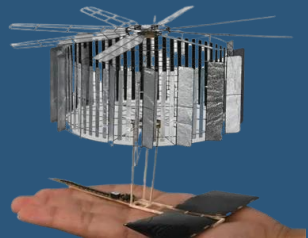
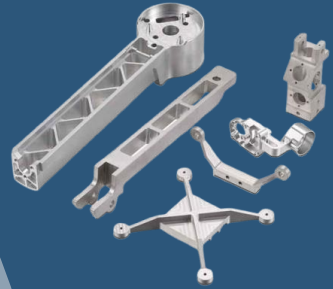
SCOPE OF WORK

Development of High-End UAVs:

We specialize in **High Altitude Long Endurance (HALE)** and **Medium Altitude Long Endurance (MALE)** UAVs, delivering superior performance in various applications.

Airframes and Structural Services:

From **manufacturing** to **inspection, repair, maintenance,** and **overhauling** of airframes and structures, we ensure optimal performance for vehicles and vessels.



SOLUTIONS



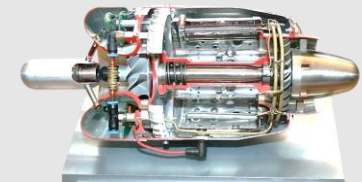
FADEC DEVELOPMENT

We develop **Full Authority Digital Engine Control (FADEC)** systems for micro-gas turbine engines, ensuring precision and optimal performance.



ENGINE REPAIR AND OVERHAULING

Expertise in **micro-gas turbine engines, petrol, and diesel engines** repair and overhauling ensures reliability and longevity of critical components.



TRAININGS & SUPPORT

OPERATION, MAINTENANCE AND TRAINING



Comprehensive **O&M services** and **training programs** are available to ensure the long-term success of our clients' operations



We offer after-sales services for UAVs, UGVs, USVs, specialized drones. Our services include routine maintenance, quick repairs, and access to genuine spare parts to keep your systems running smoothly. We provide regular software updates and enhancements to ensure your equipment stays with the latest technology, guaranteeing optimal performance and reliability throughout its lifecycle.



SUPPORT & AFTER-SALES SERVICES

IN-HOUSE FACILITIES

Our state-of-the-art workshop includes:

- Advanced **CNC machines** for precise manufacturing
- **3D printing** capabilities for rapid prototyping
- Comprehensive **engine repair and overhaul stations**
- **Electric motor rewinding** services for UAVs, UGVs
- **Mold making and composite preparation** for high-performance structures



OUR TEAM



SEASONED ENGINEERS

Our engineers are highly experienced in developing advanced UAVs, UGVs, USVs, and specialized drones. With a deep understanding of aerodynamics, materials science, and system integration.



INNOVATIVE DESIGNERS

Our design team brings creativity and precision to every project. From conceptualizing sleek, functional airframes to ensuring ergonomic interfaces, they combine aesthetics with practicality to enhance the performance and user experience of our unmanned systems.



TECHNICAL EXPERTS

Our technical experts specialize in system installation, calibration, and operational optimization. They work closely with clients to ensure seamless deployment, offering hands-on support and trainings.



I.T. & A.I. INTEGRATION TEAM

Our I.T. support team is well-versed in technology and integrates **Artificial Intelligence (A.I.)** to enhance system autonomy, data analysis, and decision-making processes. They continuously improve software solutions, ensuring our unmanned systems remain at the forefront of innovation.

PROJECT HIGHLIGHTS

SCALE RC F-16

Fully Equipped
with Advanced
Avionics



TARGET DRONE

used by the military
as an aerial target for
training and combat
practice



DRONES PARTS

Fabrication with
3D Printing &
CNC Machining



RC-UGV

Advanced Equip.
for Tough Terrain
Operations



PROJECT HIGHLIGHTS



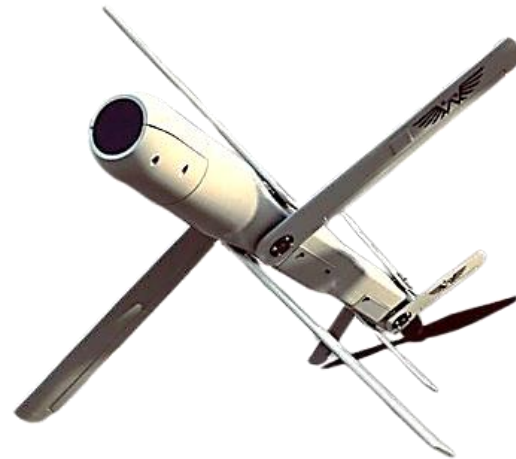
VTOL DRONE

Vertical Takeoff & Landing drone operates in confined spaces, for rescue, surveillance, and cargo delivery



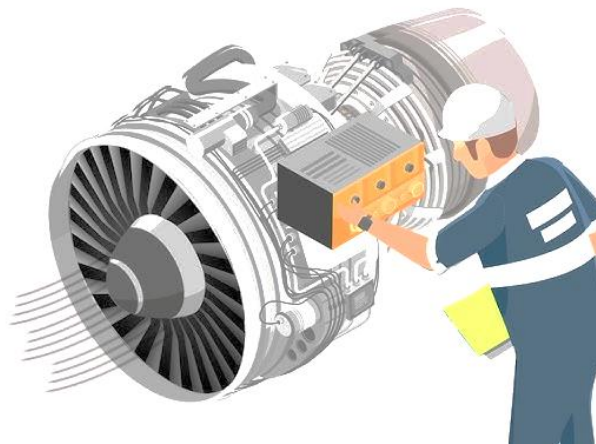
SUICIDE DRONE

Loitering munition drone developed for precision strikes by lingering in the air before engaging its target.



FADEC

We developed to control key parameters like fuel flow, engine speed, and temperature to optimize performance



FPV GOGGLES

With codes that enhances real-time drone video transmission and control, improving performance and adaptability



PROJECT HIGHLIGHTS

HIGH-PERFORMANCE CLEANING AND SPRAYER DRONES



FIREFIGHTING

Drones for rapid response & effective fire suppression in challenging environments



INSPECTION

Drones designed for efficient & precise industrial preventive maintenance



CLEANING

Drones for wind turbine blades and inspection for enhanced maintenance and performance



SPRAYER

Drones for agricultural applications with efficient, precise, & cost-effective crop management





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THANK YOU!



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www.titanbotics.com



Chat with us on
WhatsApp

