

About Unilactic

"UNILACTIC Is An End-to End Solution Provider In The Field Of Uas/Uav Technology From Concept Design To Manufacturing & Service Providing !!!"

We Are A Young Company Working In The Area Of Unmanned Aerial Vehicles (UAV) Or Drones, With An Aim To Provide Latest Solutions For Long Distance, High Payload Drones With Extended Use Cases Across Logistics (Delivery), Agriculture, Construction, Mining, Solar Cleaning, Urban & Rural Mapping, Delivery Drone Surveillance And Many Other Application Areas.

Vision

Unite Industry Applications Under One Roof By Providing The Platform To Connect Businesses, Clients, Engineers And Pilots With Powerful Tools To Integrate Aviation And Ground Data Into Day-to-day Operations

Mission

We Are Just Beginning In This Everlasting Journey That We Have Set Our Eyes On, And Being The Visionaries That We Are, We Are Flying High With Our Drones While Keeping Our Feet On The Ground, We Will Keep Providing The World With More Solutions Forever.



Contact Us

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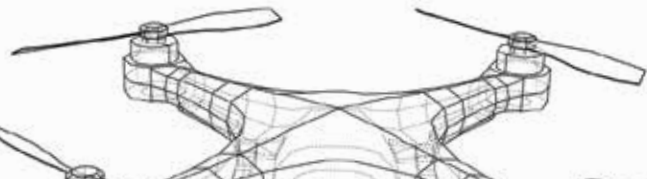
🌐 www.unilactic.com

📍 A : 505 , T- Square, Saki vihar road,
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R&D BROCHURE

DRONE
Research & Development





Design & Engineering

We utilise state-of-the-art technical packages to make our customer's concept a reality. We provide following engineering services:

- Computer-Aided Designing (CAD)
- Composite Material Selection
- Manufacturing Process Design
- Composite Modelling & Structural Analysis
- Engineering Project Management



CFD & FEA Computation

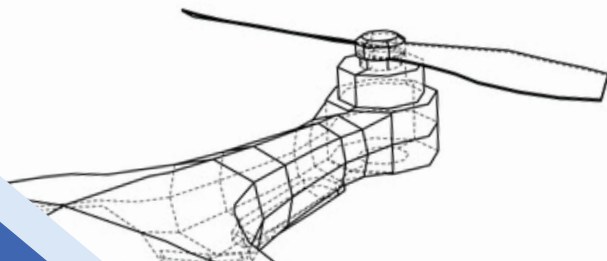
FEA is commonly used in the design and analysis of drone structures to ensure they are strong and durable enough to withstand the various loads and stresses they will encounter during flight.

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- Manufacturing Process Design
- Composite Modelling & Structural Analysis
- Engineering Project Management



Simulator

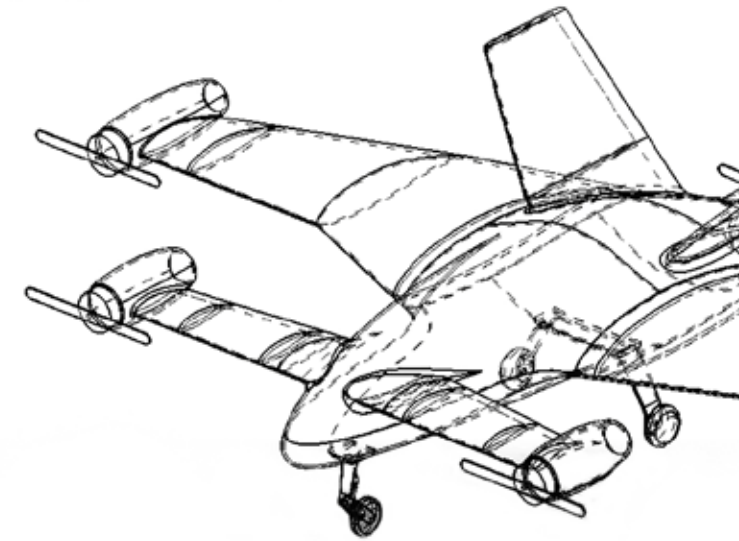
High-fidelity drone simulations test UAV applications in a virtual environment closer to the real world. They can be computationally intensive and take a longer time to run. They can be used, for example, to test lidar and camera based autonomous algorithms or test the behavior of the drone with weather conditions.



Advanced Manufacturing

We manufacture and supply premium composite products and 3D-printed parts start to finish that conform to our customer's requirement. We have capability to employ the following processes:

- Compositing Processing
 - Wet/Hand Layup
 - Resin Infusion
 - Resin Transfer Moulding
 - Prepreg Moulding (Oven & Autoclave)
 - Press/Compression Moulding
 - Nanocomposite Processing
- Additive Manufacturing (3D Printing)
 - Fused Filament Frabrication
 - Stereolithography
- Composite Machining & Inspection
 - 3 & 5-axis CNC Milling & Drilling
 - Visual & Dimensional Inspections
 - Non-Destructive Testing & Evaluation
- Composite Joining & Cmpnent Assmblly
- Electrical & Electronics Integrtion
- Surface Protection Coating & Paints



Our Drones



Unilance V1



Unilivery V1



Unimap V1