Wings for all

“Inspiring Mobility. Advancing Global Operations”

Logistics · Surveillance · Mapping

Problem

Urgent cargo & hub-to-hub logistics hampered by traffic, terrain and security risks.

Precision mapping & surveillance in high-altitude or hard-to-access regions is expensive and slow.

Solution

VTOL portfolio optimised for 2 kg and 20 kg payload classes, capable of reliable operation up to 4000 m ASL.

Vertical integration (design → manufacture → operation + training) ensures cost control, rapid iteration and superior after-sales service.

Model
Holom V-2 (Electric)

MTOW	19 kg / 43 lb
Wingspan	3.6 m / 11.8 ft
Cruise	77 kph / 48 mph
Powerplant	4 × lift + 1 × cruise e-motors
Status	Flight-test campaign and low-scale production (2025)

Range
120 km / **75** mi

Payload
2.0 kg / **4.4** lb

Autonomy
2 h endurance

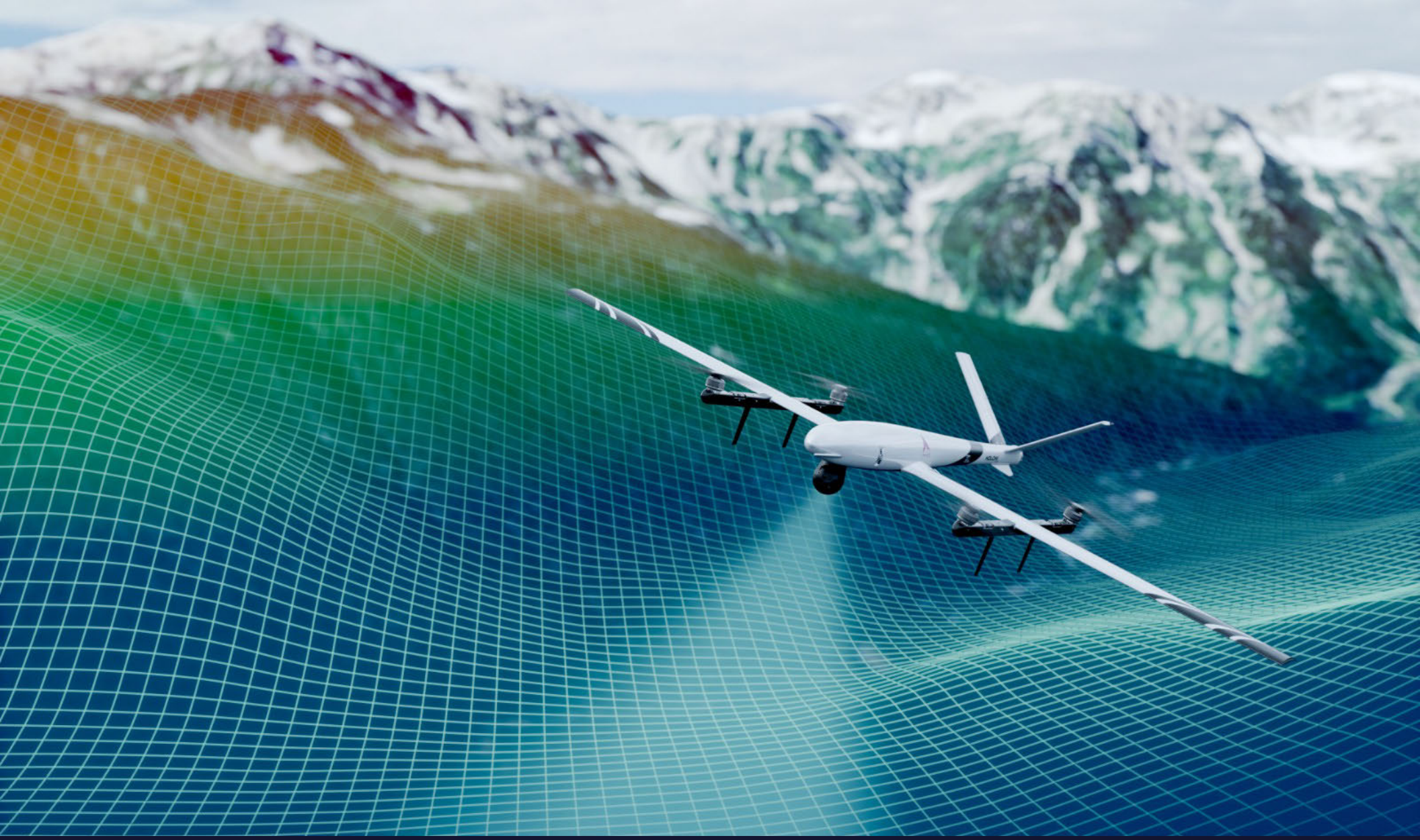
Model
Turix V-100 (Hybrid)

MTOW	100 kg / 220 lb
Wingspan	5.6 m / 18.4 ft
Cruise	126 kph / 78 mph
Powerplant	8 × lift e-motors + 1 × ICE cruise
Status	First carbon-fiber aircraft built; vertical-flight testing in progress (2025)

Range
300 km **/186** mi

Payload
20 kg **/ 45** lb

Autonomy
3 h endurance

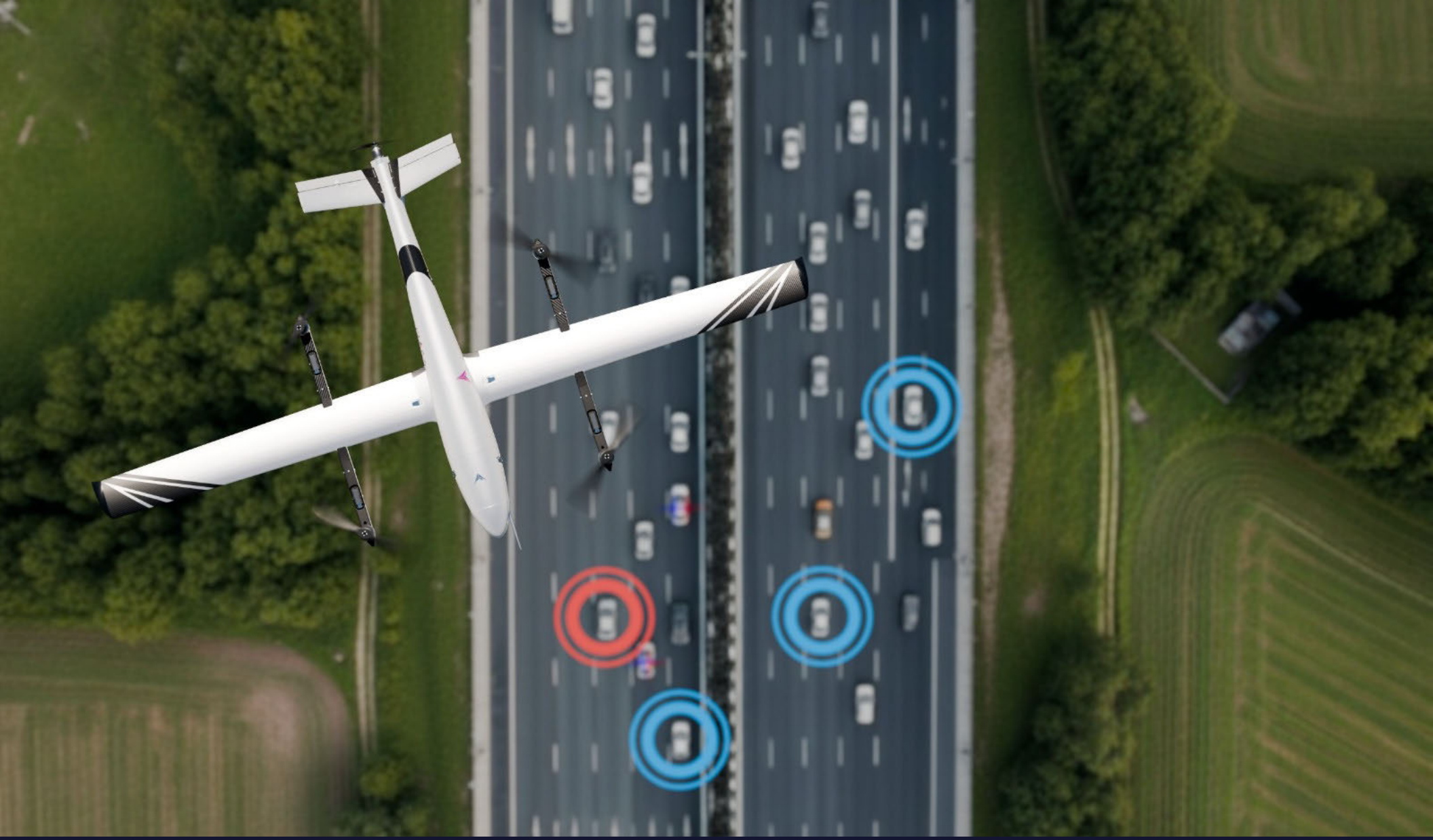


Mapping

Precise and autonomous aerial mapping with optical or LiDAR sensor integration, ideal for mining, energy, agriculture, and environmental projects.

Monitoring

The Holom UAV provides efficient and autonomous monitoring of critical infrastructure, delivering precise and reliable aerial data for the energy, mining, and security sectors.



Surveillance

Continuous aerial surveillance for roads, borders, and coastal areas, featuring high-precision optical and thermal cameras.

Cargo

Turix and Holom enable the efficient transport of valuable or critical cargo to remote areas, combining VTOL operation, autonomy, and delivery precision in infrastructure-free environments.

Differentiators

Altitude-ready aerodynamics & propulsion-mix, validated to 4000 m ASL simulations (2000 m ASL for Turix).

Quick-swap payload bay (Holom) for LiDAR, medical kits or parcels.

Low-cost composite process without autoclave → less cost vs. conventional lay-up.

Business Model & Roadmap

Two revenue streams

Fleet Operation Services – pay-per-mission mapping, surveillance, cargo flights.

Aircraft Sales & Training – turnkey UAV + spares + certification assistance.

Payloads

Each mission requires unique capabilities from our aircraft; that's why we offer a wide range of payloads that enable us to meet even the most demanding requirements with precision and efficiency.

- Electro-optical, thermal, and/or multispectral cameras
- LiDAR sensors
- Receiver equipment for search operations
- Multipurpose sensors (gas, atmospheric, particulate)
- Compartments for light payloads

Pilot training

Practical and theoretical training for the safe and efficient operation of UAVs, including flight, regulations, and professional mission management.

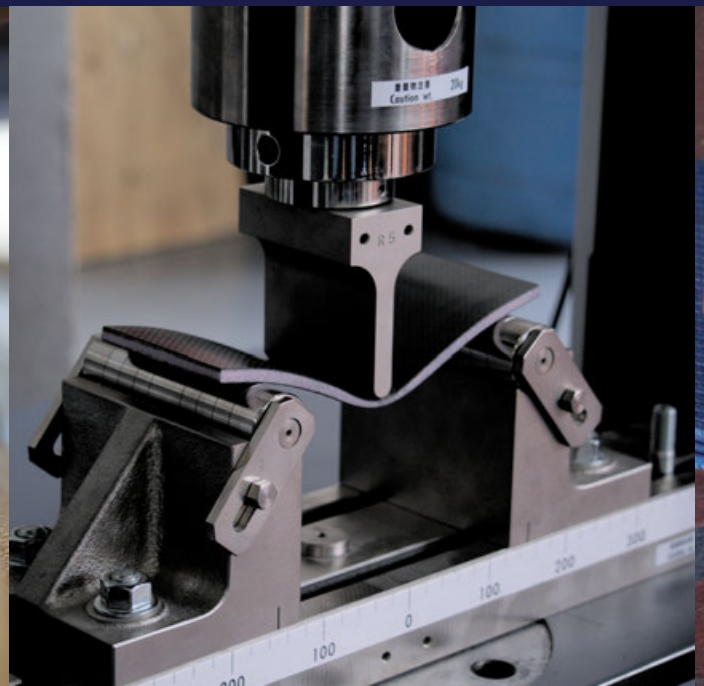
Mechanic training

Prectical and theorical training for performing UAV maintenance, inspections, and repairs, ensuring safe and reliable operation.

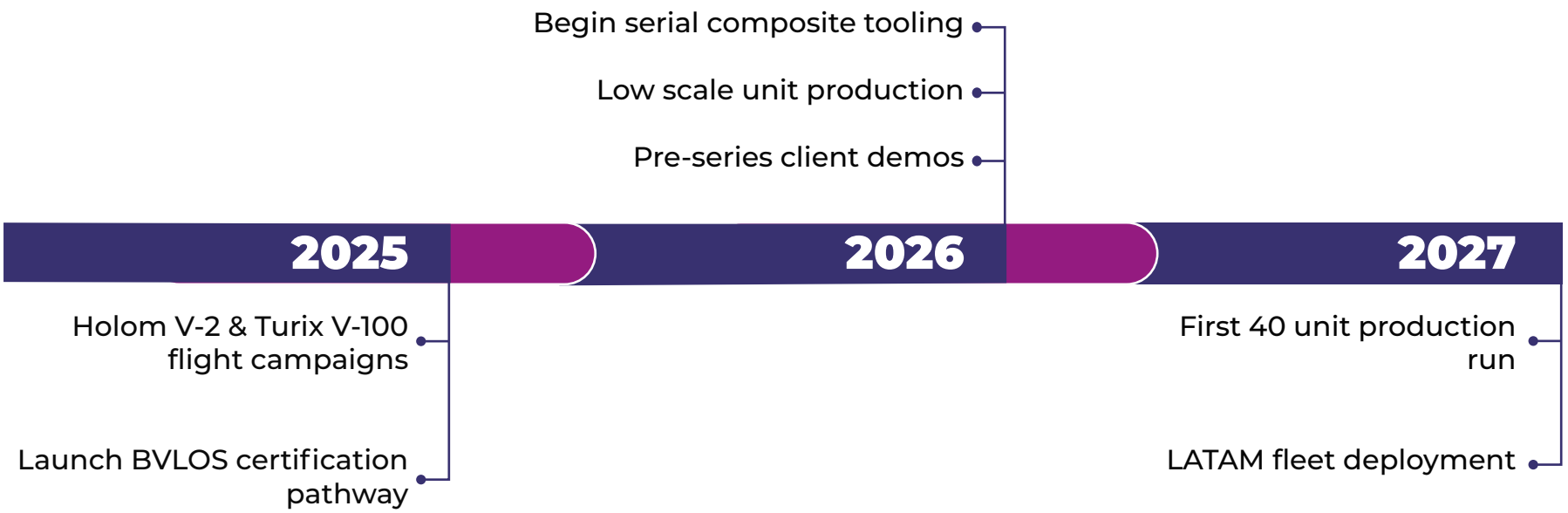
Capabilities:

We offer comprehensive solutions accros the full production cycle, including:

- Low-scale Carbon Fiber manufacturing
- Design and integration
- Additive manufacturing
- Molds for fast prototyping
- CNC machining



Milestones


Begin serial composite tooling
Low scale unit production
Pre-series client demos
2025
2026
2027
Holom V-2 & Turix V-100 flight campaigns
Launch BVLOS certification pathway
First 40 unit production run
LATAM fleet deployment

Leadership & Team

Key executives

Pedro Gabay — CEO, serial tech entrepreneur (USD 25 M+ R&D directed, 1 Exit, 7 patents).

Luis Zárate — CTO, MSc Aero & Space (ISAE-SUPAERO), UAV programs lead.

Core team of engineers spanning aerodynamics, composites, avionics and flight testing.

Advisory network: UASLP, Tec de Monterrey, MassChallenge mentors.

Contacts, data sheets and all information about us

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