

FULL-SPECTRUM AUTONOMOUS CAPABILITY

FROM NANO ISR TO TACTICAL STRIKE — POWERED BY AI AT THE EDGE

DEPLOY. DETECT. DECIDE. DELIVER.



CAPABILITY STACK

↑ INCREASING RANGE & PAYLOAD

	AI & ANALYTICS LAYER Farsight ARC AEWS		Real-time mapping, weapon telemetry, decision support & predictive analytics
	PERSISTENT ISR Vesper Tether Systems		Unlimited flight time with tethered power & data
	STRIKE LAYER AttriX / LithiX FPV System:		High-speed strike, 1 – 4 kg payloads, up to 20 km+ range
	TACTICAL ISR & FIXED WING STORM eBee TAC		Long endurance, wide area coverage & high-accuracy mapping
	SMALL UAV / ISR Vesper 2		Stealthy, portable, multi-sensor ISR for tactical missions
	NANO / CLOSE ISR Trace Nano UAV		Covert, ultra-light, operations in tight & denied spaces

CONNECTED. ENCRYPTED. AI-ENABLED.

OUR ADVANTAGE

- EDGE-BASED INTELLIGENCE**
Operate in denied environments
- RAPID DEPLOYMENT**
Backpack portable to large area systems
- SCALABLE & ATTRITABLE**
COTS & build kits for mass & sustainment
- SECURE & SOVEREIGN**
AES-256 encrypted communications
- PERSISTENT COVERAGE**
Tethered & long endurance platforms

AIRCRAFT CLASS CAPABILITIES

1 TRACE NANO UAV 30 MIN Endurance 2 KM LOS Range 153 g Ultra-light - EO/IR Payload - AES-256 Encrypted COVERT ISR	2 VESPER 2 59 MIN Endurance 6 KM Data Link - Dual 4K EO 640p Thermal <2 KG Takeoff Weight - AES-256 Encrypted TACTICAL ISR	3 ASIO X INSPECTION DRONE 20 MIN Flight Time 40,000 LUMEN Lighting - LIDAR + 3D Mapping - Multi-gas Detection (CH₄, H₂S, O₂, CO) - GPS-Denied Ops INSPECTION / CONFINED OPS	4 eBEE TAC 90 MIN Flight Time - Up to 1,235 ACRES Per Mission - RGB, Thermal, NDVI - PPK Accuracy cm-level - AES-256 & Offline Ops MAPPING / ISR	5 STORM TACTICAL UAS 2.4 HR Endurance 40 KM Operational Range <15 MIN Setup Time - Modular Payloads - AI/ML Ready TACTICAL FIXED WING	6 ATTRIX / LITHIX FPV SYSTEMS - Payload Range 1 – 4 KG+ - Range 8 – 20 KM+ - Speed Up to 160 KM/H - EO/IR Options - Precision Strike STRIKE / ATTRITABLE	7 VESPER TETHER SYSTEM - Unlimited Flight Time 25 M Operating Height - Power + Data Over Tether - All-weather Ops PERSISTENT ISR	8 FARSIGHT + ARC AI SOLUTIONS - Real-time 2D/3D Mapping at Edge - Weapon Telemetry & Shot Detection - Predictive Logistics - Mission Planning & LOS Analysis AI / COMMAND LAYER
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MISSION APPLICATIONS



ONE ECOSYSTEM. TOTAL MISSION ADVANTAGE.

INTEGRATED AIRCRAFT. INTELLIGENT DATA. SUPERIOR OUTCOMES.

Falcon UAV delivers a complete autonomous ecosystem that connects sensors, platforms and people - giving you the edge in any environment.

