



## Next Generation Autonomous Aerial Dominance

Praetorian Aeronautics is an Australian defence technology company specialising in advanced autonomous unmanned aerial systems (UAS). Our innovative systems, including Venator, Dagger, and Hadrian, deliver modular, AI-enhanced solutions for multi-domain ISTAR, deep strike, and C-UAS operations. Leveraging a non-ITAR supply chain and deep industry expertise, we are committed to providing next generation, cost-effective autonomous systems that enhance operational surveillance and lethality, and meet modern defence challenges.

### Key Partners



## DAGGER

- Modular, medium-range autonomous UAS interceptor for rapid swarm-on-swarm kinetic C-UAS and C-UxS engagements.
- Deploys from distributed, mobile, multi-canister launchers capable of installation onto tactical/non-tactical vehicles and naval vessels.
- All-weather AI-enhanced targeting enables sustained operation in contested and GPS/comms-degraded environments.
- Dagger launcher integrates passive radar for covert beyond-visual-range detection, with optical guidance onboard Dagger for precise target confirmation and engagement.



## VENATOR

- High-endurance, AI-enhanced, deep strike autonomous UAS designed for ISTAR and multi-domain strike operations in comms-degraded environments.
- Modular airframe architecture allows for cost-effective mission specific component retrofit and upgrade cycles.
- Modular payload design enables deployment of agile launched effects and flexible effector / sensor integration for varied mission profiles.
- Able to launch from short, unprepared airstrips and LHD-Class vessels.
- 2 Venators are transportable in a single standard 20ft shipping container.



## HADRIAN

- AI-enhanced, open architecture command and control system employing deep learning and sensor fusion.
- Utilises AI to find, classify, and track UAS threats beyond visual range, before cueing and coordinating available Daggars and Venators into the most effective swarm-on-swarm countermeasure.
- Implements an "Any Sensor, Best Effector" framework for rapid threat evaluation and interceptor allocation.
- Decentralised AI control ensures operational effectiveness in a comms-degraded environments.

### Key Discriminators

- Agile, disruptive defence tech company addressing the need for affordable, attritable combat mass.
- Utilising a non-ITAR supply chain with COTS components for rapid, low-cost integration and local manufacturing.
- Dagger delivers a cost-effective, medium-range interceptor that bridges the gap between short-range systems and expensive missile solutions.
- Venator outperforms legacy platforms in speed and range, while serving as a mothership for agile-launched effects.
- Autonomous threat classification and prioritisation reduces the sensor-to-effector cycle and operator workload.
- Decentralised AI design of Hadrian ensures effective, resilient command control.

### Key Customers

**Details not disclosed publicly.**

The Praetorian Aeronautics systems redefine disruptive operational capabilities, offering a cost-effective, scalable, attritable, and agile suite of autonomous platforms that address modern multi-domain warfare challenges and deliver a multi-layered umbrella of security to global defence customers.

### Quality Accreditations

The production system and supply chain for the Dagger and Venator is ISO9001 compliant and will attain AS9100 certification.

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