PRODUCT

Revolution Aerospace (RevAero) is an Australian SME based in Brisbane, positioned to support the Aerospace sector by enabling autonomous systems technologies.

Our research and development (R&D), enables us to offer the following product threads:

- **Detection and Tracking**. Developing machine learning algorithms to sense, identify and attribute threats in shared use airspace.
- **Advanced Sensing**. Optimising aerial sensing to develop low size, weight, power (SWaP) and cost cognitive electronic systems.
- **Unified Traffic Management (UTM)**. Developing advanced services focused on Communications, Navigation and Surveillance, Risk Management, Strategic Deconfliction and algorithmic negotiation.

CAPABILITIES

With years of experience across the system engineering lifecycle, our staff have the capabilities and expertise to support development of high-integrity safety-critical uncrewed air and ground systems, UTM systems and Counter-UAS. We offer **technical consulting services** in the following domains:

- Policy and Regulation, Concept and System Requirement Development
- Test and Evaluation, Trial Design, Planning and Management
- Operational Risk Assessments and Safety Case Development
- Programme and Project Management

'BENEFITING SOCIETY THROUGH REVOLUTIONARY ADVANCES IN AUTONOMOUS SYSTEMS TECHNOLOGIES'

DISCRIMINATORS

- Leading Australia's emerging aviation technology development.
- International aerospace policy and regulation experience.
- Guiding and contributing to domestic and international standards development in the Uncrewed Aerial System (UAS) sector.
- We foster a team of high-calibre individuals in the fields of Artificial Intelligence and autonomous systems technologies.

KEY CUSTOMERS

- Australian Defence Force (ADF)
- Australian Government (DITRDCA, CASA)
- The Civil Aviation Authority of Singapore (CAAS)

KEY PARTNERSHIPS

- ADF Prime contractors (Nova Systems, Jacobs, PwC, Downer Group)
- Academia (Queensland University of Technology)
- Trusted Autonomous Systems (TAS)

QUALITY ACCREDITATIONS AND AWARDS

- ArduPilot Official Partner
- Supporter of Veterans Employment
- NVIDIA inception member
- Association of Old Crows Members

CONTACT DETAILS

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