

Greenroom Robotics is a veteran-operated software company delivering mission-ready maritime autonomy and AI perception for defence and commercial operations globally.

Our software supports littoral manoeuvre and contested sustainment, reducing crew exposure on high-risk resupply and insertion runs, and working across whatever vessels a fleet already operates.

Capabilities

Greenroom Robotics' platform-agnostic solutions work together to enable seamless human-machine teams at sea. Software is open, interoperable, and UMAA-compliant. Designed for rapid integration with existing fleets and new build vessels.

CAPABILITIES INCLUDE:



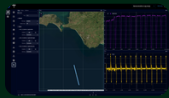
GAMA - Advanced Maritime Autonomy

Autonomous navigation, collision avoidance and remote operation for uncrewed and optionally crewed maritime operations.



Lookout+ - AI Optical Radar

Persistent AI-powered situational awareness to detect, classify and geo-locate objects at sea, even in EMCON. Supporting situational awareness around landing zones and approach routes.



MarOps - Maritime Operations + Analysis

Streamline & standardise maritime operations by turning paper checklists and scattered data into one organised digital system.



MIS-SIM - Mission Simulation + Digital Twin

Digital twin & simulation for comprehensive testing & evaluation, training, rehearsal, and monitoring of complex maritime activities.



Discriminators

- **Sovereign software:** 100% Australian-owned and developed. No ITAR restrictions.
- **Veteran operated:** Deep operational understanding of defence maritime environments and challenges.
- **Mission-proven solutions:** Trialled by the Royal Australian Navy under operational conditions. Deployed across defence and commercial operations.
- **Fault-tolerant autonomy:** Designed for operational resilience in complex maritime environments.
- **Regulatory alignment:** Solutions developed in accordance with international maritime regulators.
- **Interoperable:** Platform and sensor agnostic software products.

Specialist Services

Operations

Maritime autonomous systems experts trialling and operating for defence and commercial clients.

Regulatory

Developing the design rules for Navy and class societies governing maritime autonomous system design.

Engineering

Integration and software development work for government or product deployments.

TRUSTED BY



QUALITY, SECURITY AND EXPORT

ISO 9001

ISO 27001 in progress

AUSGEL - Australian General Export License for all products

AUKUS Authorised User (ITAR Exemption)
Defence Industry Security Program (DISP) Clearance (NISP equivalent in AUS)

WORK WITH GREENROOM ROBOTICS

Peter Baker

GM of Growth

peter.baker@greenroomrobotics.com