



Greenroom Robotics is a veteran-operated software company delivering mission-ready maritime autonomy and AI perception for defence agencies, primes, and shipbuilders, globally.

Our dual-use software ensures mission continuity in contested environments, removes crew from high-risk operations, and enables more efficient, safe, and future-proof fleets.

Capabilities

Greenroom Robotics' hardware-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 crewed, uncrewed, and optionally crewed maritime vessels.



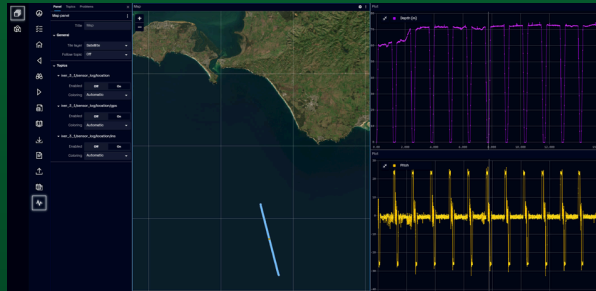
Lookout+ - AI Optical Radar

Persistent AI-powered situational awareness to detect, classify, geo-locate, and track objects at sea, even in denied environments.



MIS-SIM - Mission Simulation + Digital Twin

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



MarOps - Digitise Maritime Operations

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

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:** Hardware 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
- Defence Industry Security Program (DISP) Clearance (NISP equivalent in AUS)
- AUSGEL - Australian General Export License for all products
- AUKUS Authorised User (ITAR Exemption)

Work with Greenroom Robotics

Peter Baker
GM of Growth
peter.baker@greenroomrobotics.com
greenroomrobotics.com