GREENROOM ROBOTICS

Company Overview

Founded in 2017, Greenroom Robotics is an Australian-owned and veteran-operated company. We develop world-leading maritime autonomy and A.I. software so defense operators can adapt swiftly, act decisively, and achieve mission critical outcomes. Every time.

We create intelligent maritime software that enhances operational capabilities worldwide. As a dedicated software company, we work alongside vessel manufacturers and operators to combine advanced AI with practical tools to help operators plan smarter, work safer, and protect our oceans.

The Greenroom Platform

The journey to maritime autonomy requires four essential capabilities: the ability to operate remote & autonomously (GAMA), plan and analyze missions (MarOps), navigate safely (Lookout+), and train and test effectively (MIS-SIM). Our platform delivers all four, working seamlessly together to enhance maritime operations across all industries.

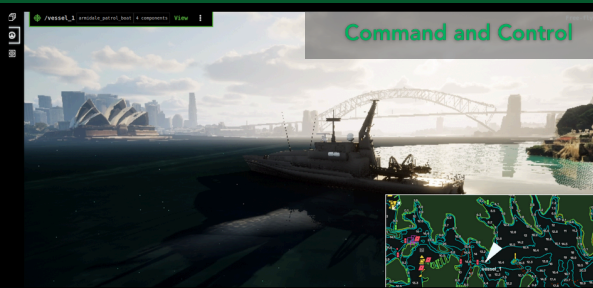*Current products leveraging the Greenroom Platform include:*

GAMA - *Maritime Autonomy*
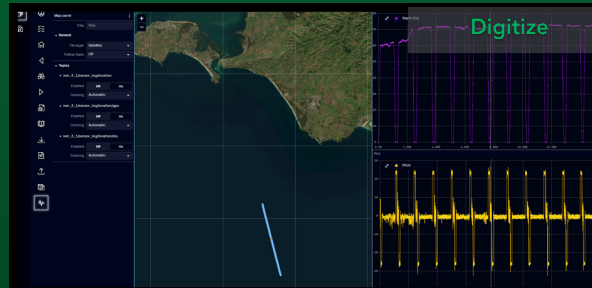A turnkey solution for highly advanced maritime autonomy and remote operations.

Lookout+ - AI-Powered Perception
Detect, locate and track visual targets.

MIS-SIM - *Mission Simulator*
A digital twin and Common Operating Picture in one, focused on enabling complex maritime operations.

MarOps - *Maritime Operations System*
Standardize and digitize processes as well as consolidate sensor and operational data from maritime operations.

Core Capability

- Maritime domain software
- Data analytics and applied artificial intelligence
- Robotics control and autonomous control systems
- Platform and system agnostic solutions
- Sensor and system integration

Discriminators

- Veteran operated
- Strong understanding of maritime environment and its challenges
- Alignment with regulators and class societies
- Focus on fault tolerant and reliable solutions to operate in the real-world
- Hardware and sensor agnostic software products

Specialist Services

Operations
Maritime autonomous systems experts trialing 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
- Defense Industry Security Program (NISP equivalent in AUS)
- AUSGEL Export License for all products
- Australian Authorized User (Pending) - application for exemption under § 126.7 of the US International Traffic in Arms Regulations (ITAR)

Work with Greenroom

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