

MAKING WAVES IN MARITIME DESIGN, ENGINEERING & CONSULTING



Capability in depth
**INTEGRATED
LOGISTICS SUPPORT**

Rubicon's multi-disciplinary team of experts has extensive experience in the design, construction, upgrade, and support of complex Defence platforms and systems.

Our core technical capabilities provide us with skills and knowledge that underpin support system development via the application of Integrated Logistic Support (ILS).

OUR ILS CAPABILITIES INCLUDE LOGISTIC SUPPORT ANALYSIS, TECHNICAL PUBLICATIONS AND TRAINING THAT SUPPORT KEY ACTIVITIES INCLUDING:

- Maintenance Planning
- Supply Support Determination
- Personnel and Training Requirements Determination, Development and Implementation
- Documentation Development
- Test and Support Equipment Determination
- Packaging, Handling, Storage and Transportation Analysis
- Facilities Analysis
- Determination of Data and Computer Support requirements

Rubicon understands how to integrate these elements to influence equipment design and develop support systems that will maximise system availability at minimum cost.

LOGISTIC SUPPORT ANALYSIS (LSA)

- Reliability, Availability and Maintainability Analysis
- Failure Mode, Effects and Criticality Analysis
- Reliability Centred Maintenance Analysis
- Level of Repair Analysis
- Maintenance Task Analysis
- Operator Task Analysis
- Maintenance Requirements Determination
- Sparing Analysis and Optimisation
- Support and Test Equipment Analysis and Optimisation
- Facilities Analysis

Rubicon customises processes to align with the unique requirements of each program—whether it's a complex, high-value Defence initiative or a smaller, cost-constrained project.

Our scalable approach ensures that every LSA program is fit-for-purpose, delivering the right level of detail and supportability insight to optimise system performance, reduce lifecycle costs, and enhance operational readiness.

"TRANSFORMED OUR PROJECT OUTCOMES"

"Rubicon didn't just address our technical requirements - they identified integration opportunities we hadn't considered and delivered a solution that exceeded deliverable outcomes while reducing long-term costs."

PROJECT DIRECTOR, TIER 1 DEFENCE CONTRACTOR



TECHNICAL PUBLICATIONS

Rubicon has the capability to produce high quality technical documentation products.

All system and equipment documentation is developed in accordance with client specified standards, whether these are commercial or military in nature.

Documentation services include:

- Documentation management and consultancy
- Technical writing
- Technical illustrating
- Engineering drafting

Rubicon produces:

- Maintenance manuals
- Operator manuals and guides
- Training manuals
- Reference manuals
- Illustrated parts listings
- Product literature
- Interactive electronic technical publications including S1000D compliant data modules



TRUSTED PARTNERS OF INDUSTRY LEADERS

We proudly serve the Commonwealth of Australia, Defence Primes, and others that own, build, and maintain maritime assets both in Australia and internationally.



TRAINING

Rubicon can deliver the full range of training services across all areas including:

- Training Analysis
- Training Design
- Training Development
- Training Delivery
- Training Evaluation

Across training products and services, **Rubicon has the skills, knowledge and quality management processes** to deliver technical training for any subject, equipment or system for military application.

Rubicon training is designed to provide client flexibility using multiple delivery mediums via blended learning solutions.

Customised learning solutions allow for self-paced learning and provide support for on-the-job training, through the provision of knowledge that is available on demand.

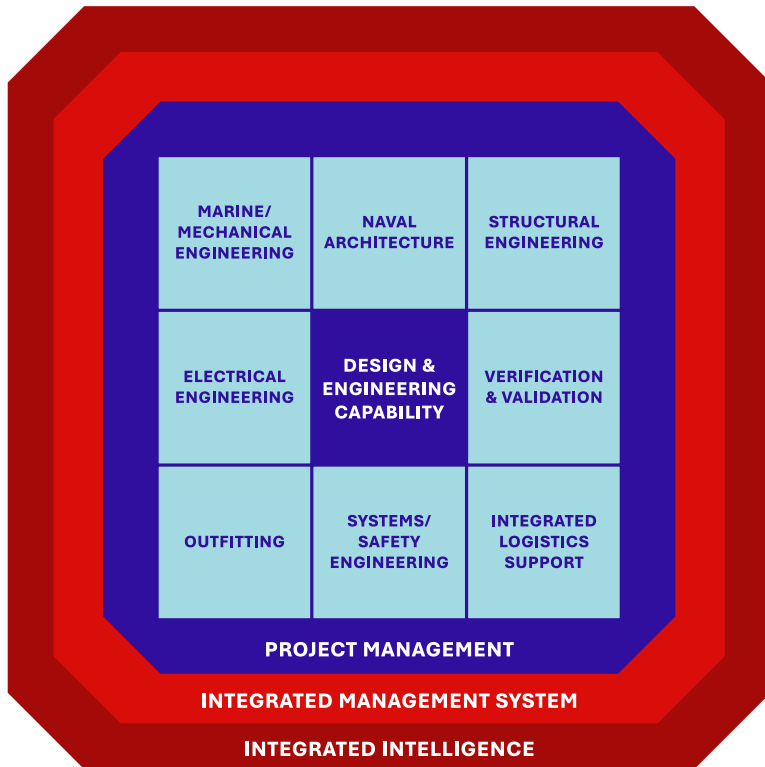
Technology based learning solutions developed by Rubicon allow for increased interactions between learners and the work environment, while maintaining safety and increasing skills and knowledge.

Training courses can be developed using a competency-based system approach to learning or within frameworks specified by the client, such as the Systems Approach to Defence Learning.

Our training methods apply a contemporary and innovative approach to learning, complemented by experienced course developers and instructors, and supported by effective training aids and instructional delivery systems.



INTEGRATED SOLUTIONS TO COMPLEX MARITIME CHALLENGES



RUBICON MATRIX METHODOLOGY

Pan-dimensional, systematic approach to optimally integrated engineering solutions.

MULTI-PLATFORM EXCELLENCE

RAN patrol vessels and surface combatants to offshore support vessels, research ships and amphibious craft.

TRUSTED PARTNERS

Proud to serve the Commonwealth of Australia, Defence Primes and others that own, build and maintain maritime assets.

10 YEARS OF EXCELLENCE

as Rubicon, decades as senior industry experts.

100% AUSTRALIAN OWNED

Committed to Australia's sovereign capability.

GET THE RUBICON ADVANTAGE

Contact Rubicon Associates today to discuss how Integrated Intelligence can deliver exceptional outcomes for your next maritime project.

Phone +61 3 9867 2522

admin@rubiconassociates.com.au

<https://www.rubiconassociates.com.au/>

LOCATIONS:

MELBOURNE (HEAD OFFICE)

Suite 9.01, Level 9, 11 Queens Rd
Melbourne VIC 3004

FREMANTLE

Unit 9, Level 1, Manning Buildings,
135 High St, Fremantle WA 6160



scan to view our
Capability Document

