

MAKING WAVES IN MARITIME DESIGN, ENGINEERING & CONSULTING



Capability in depth
**PRODUCT
INNOVATION**

PIONEERING THE FUTURE OF MARITIME SOLUTIONS

Rubicon is passionate about promoting excellence in maritime engineering to shape Australia's future Naval and Maritime industry capability, and we have a proud record of innovation in the maritime domain.

Our technological applications for maritime systems development support both client projects and internal R&D initiatives, and we self-fund our own Technology and Innovation hub.

One example of the hub's work that draws on our multi-disciplined teams' experience is the design development of a revolutionary Autonomous Uncrewed Surface Vessel.

MULTIROLE PAYLOAD VARIABLE AUTONOMOUS UNCREWED SURFACE VESSEL (MAUSV)

The MAUSV incorporates lightweight hull materials, solar-based power systems, mission planning, remote and autonomous navigation control, and situational/environmental perception techniques.

Its operational versatility is demonstrated through key use cases: Maritime Strike, Logistics Transfer, and Multiagent Based Surveillance.

It supports a range of payloads and operational needs including:

- Maritime littoral surveillance and force deployment monitoring
- Maritime deterrence and weaponised strike engagement
- Area or Infrastructure surveillance
- Environmental monitoring and data collection
- Hydrographic/environmental survey
- Mine detection and countermeasures
- Special forces operations
- Maritime logistics supply/transfer

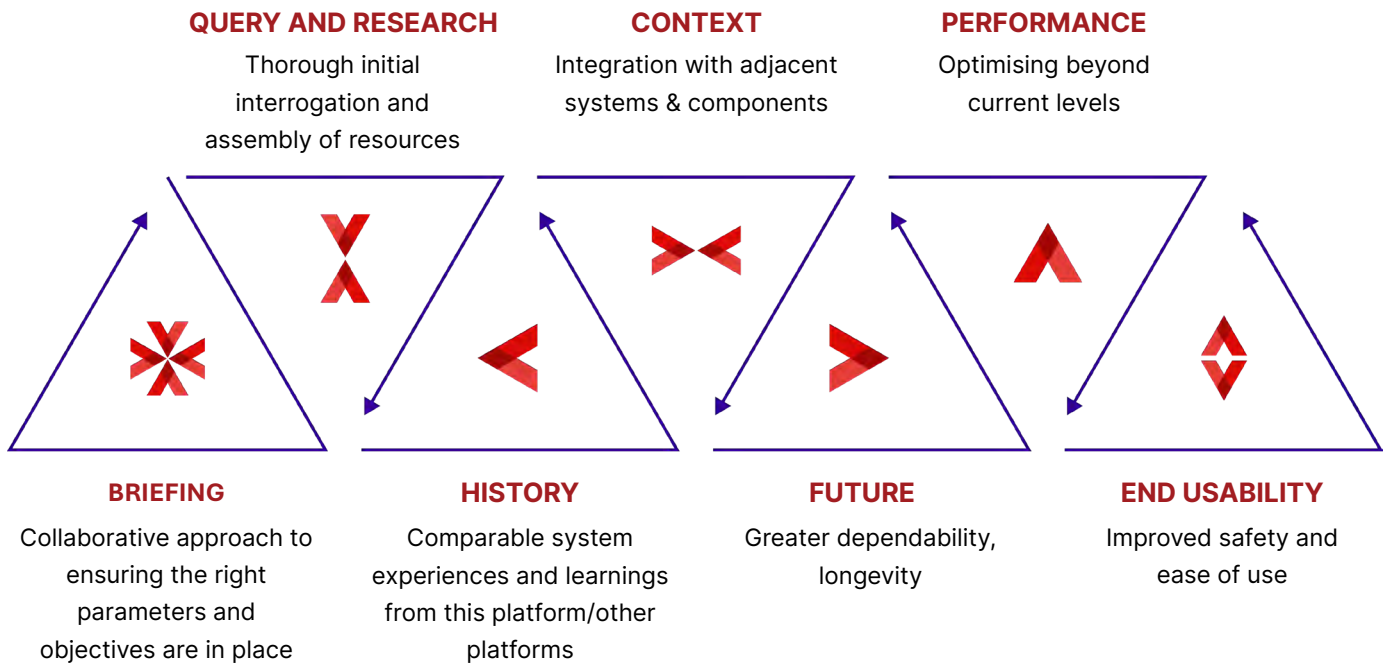


THE RUBICON ADVANTAGE

Integrated solutions to complex maritime challenges

Our pan-dimensional, collaborative methodology leverages our extensive multi-platform experience and innovative thinking to generate **Integrated Intelligence**; optimal engineering solutions, even those that may lie beyond the immediate design task, developed around fitness for purpose, safety, environmental friendliness, security and technical supportability.

RUBICON MATRIX METHODOLOGY



MULTI-PLATFORM EXCELLENCE

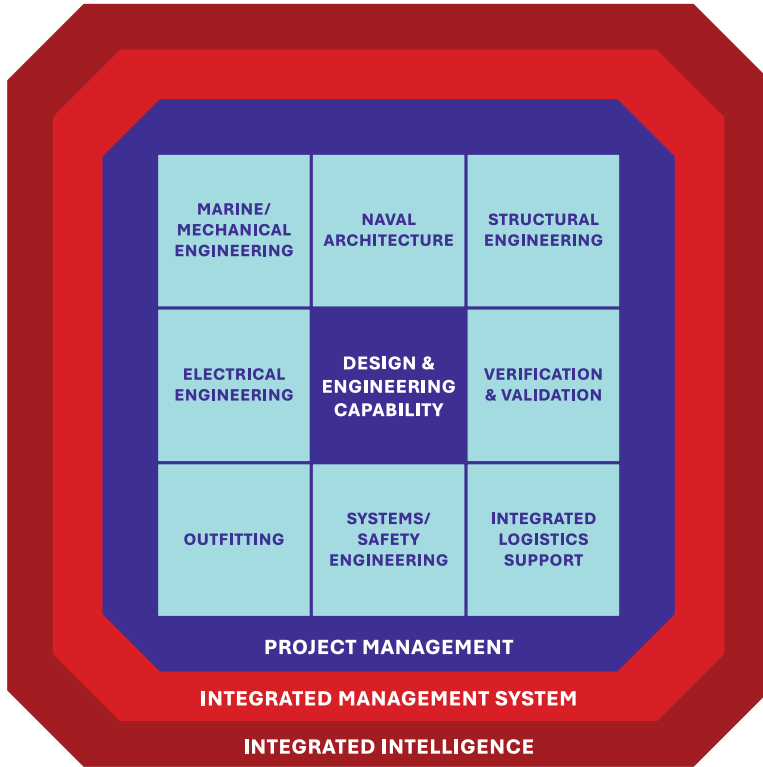
Through extensive experience as a multidisciplinary consultancy supporting the maritime domain, we have achieved a high degree of intimacy, knowledge and experience across most maritime environments and all RAN platforms. This, coupled with our expertise and proficiency regarding design philosophy, build strategy and asset life cycle management, provides to our clients a high degree of confidence in our ability to deliver well beyond expectations.

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.



INTEGRATED SOLUTIONS TO COMPLEX MARITIME CHALLENGES



RUBICON CAPABILITIES MATRIX

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

