

Maritime & Amphibious



Company / Capability Overview

Nova Systems is an Australian owned and controlled engineering services and technology solutions company, partnering with our clients to keep our nations and people safe and secure.

Nova Systems provides the operational and engineering solution to help our clients solve their challenges in the Maritime and Amphibian domain. Our people combine technical skill with an in depth understanding of what is required to deliver and sustain capability.

We provide scalable solutions from specialist advice through to turn-key services, working with OEMs and the end user to deliver capabilities tailored to their needs.

CASE STUDY Air Warfare Destroyer



Challenge

Building Australia's \$9.1 billion Air Warfare Destroyer (AWD) program to deliver three Hobart Class Guided Missile Destroyers and support systems to the Royal Australian Navy. Nova Systems was engaged by all three members of the AWD Alliance, the Defence Department, ASC, and Raytheon Australia to support successful vessel delivery.

Solution

Nova Systems embedded a team into the project to provide a wide range of services. More than 80 systems engineering, project management, combat system's integration and test and activation consultants supported the alliance in tackling this highly complex project to equip our Australian Defence force members with this vital capability.

CASE STUDY

Offshore Patrol Vessel Program

Challenge

Supporting the Australian Government's \$3.58 billion SEA 1180 Phase 1 Offshore Patrol Vessel (OPV) program in successfully building new vessels and support systems.

Solution

Nova Systems SEA 1180 team began working on the project in 2014 bringing a strong test and evaluation and project management pedigree to the program. Nova Systems delivers in-depth engineering and naval experience to evaluate the OPV design along with access to our supply network of more than 450 local suppliers.

Outcome

Nova Systems continues to support this important national capability and in 2021, celebrated the launch of the NUSHIP Arafura – the first in a fleet of OPVs being built for the Royal Australian Navy to replace the Armadale and Cape class patrol boats. In July 2023 the project was transitioned to the first fully outcomes based IWP under the Major Services Provider contract with NSSG. OPVs will primarily undertake constabulary missions and be the primary Australian Defence force asset for maritime patrol and response duties.

Competitive Discriminators

- Market Leader in Maritime and Amphibian Test and Evaluation
- Knowledge and experience in capability acquisition and introduction into service
- Significant experience in Maritime and Amphibious integration activities
- Wide breadth of engagement across majority of major Capability Acquisition programs in Australia
- Australian owned private company with global reach
- Established Nova subsidiaries in UK and New Zealand exporting Nova Services to Europe and Asia



Contact

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