



Defence & maritime

Royal Australian Navy (RAN)

AMPS™ has been satisfying the RAN's in-service logistics management requirements for class and on-board vessel management for over ten years. During that period, the AMPS™ product has undergone several upgrades, each of which has been thoroughly tested and evaluated by the Australian Defence Force (ADF).

Since AMPS™ was first introduced, millions of dollars have been invested developing a solution targeted to meet the requirement of managing deployable naval vessels under a class management structure. Some of the recent investment has provided additional supply functionality to support deployed vessels as well as significant enhancements to the vesselshore data synchronisation capability.

AMPS™ originally was conceived to consolidate all requisite data and provide the functionality required to manage configuration and through-life support for the RAN ANZAC Class of ships. Systems currently available could do this, but functions and data were sectionalised

and the ability to efficiently access all the information required for decision making was cumbersome. Significant productivity gains were achieved by building a solution that consolidates all functions and data into a single system. There are now some 2000 AMPS™ users in the RAN alone, with more coming on-line each year as new ships are delivered and older ships implemented.

Royal New Zealand Navy (RNZN)

AMPS™ is currently used on all ships in the RNZN and will be progressively installed on the new Protector ships as they come into service. The RNZN has an interface into the SAP Defence Supply System and alongside Eden have been involved in the development of a refit work package which is due for release in the near future.

Royal Malaysian Navy (RMN)

The AMPS™ solution has been accepted as 'fit for purpose' by the RMN to manage the logistics information within RMN bases and onboard the new Patrol Vessels (PV).

Overview

Innovation for generations.

SIEMENS

The PV's use AMPST™ on-board, with seamless interfaces with the Ships Condition & Monitoring System to receive and record equipment readings, and the Automatic Message Handling System for the sending of defect signals. The shore system communicates with the RMN Fleet Supply Depot for ships stores demands, and RMN Human Resource Information Systems to manage PV class personnel movements. AMPST™ ashore also manages all logistic and maintenance support including Configuration Changes, Refits, Test and Trials.

Royal Navy of Oman

AMPST™, in the Royal Navy of Oman (RNO), performs the Engineering Administration System role across the RNO Fleet. AMPST™ has enabled the RNO to re-engineer their Maintenance and Logistics processes to develop a model of integrated functions and services to better sustain the fleet.

AMPST™ is the leading deployable logistics management system and will provide the total management environment to ensure the Maintenance, Engineering, Supply, Documentation, Operation, Training and Personnel profile of fleet vessels are visible to Command.

The Naval shipyard will use AMPST™ to plan, undertake, manage, record, measure and evaluate the effectiveness of maintenance and overhaul activities on fleet vessels.

Australian Customs Marine Unit

Working as a partner with the prime support contractor, Defence Maritime Services (DMS), Eden provides AMPST™ software to support the logistics activities of the Bay Class Patrol Vessels for the Australian Customs Service.

AMPST™ is deployed aboard each Customs vessel to support its operational activities. Each ships remains synchronised to the shore through the use of a series of

intelligent electronic interfaces provided with the AMPST™. Customs crews are able to rotate across all the vessels and yet retain data consistency across each of the vessels.

AMPST™ data tools greatly improve data quality which results in more effective support operations of the vessels. Through AMPST™ and DMS, Customs have full remote access to vessels from designated sites in or around Australia giving their users far better access to information and flexibility to support the needs of the vessels.

Overview

Key Integrated Modules

- Maintenance Planning
- Supply & Inventory
- Change Management
- Mission Management analysis
- Personnel & Training administration
- Full Reporting capabilities
- Mobile computing

Markets

- Australia / New Zealand
- Asia
- Europe
- Middle East

Industries

- Defence & Defence Contractors
- Coast Guard, Customs, Police
- Ship Builder & Repairers
- Commercial Ship Operators

Accreditation / Endorsements

- AS NZS 9001:2008
- Defence Recognised Supplier
- Australian Industry & Defence Network
- Member (AIDN)
- Defence Materiel Organisation Support
- Services (DMOSS)
- Member of Australian Information
- Industry Association (AIIA)
- PRINCE2 Certified Practitioners

About Siemens

Our world is rapidly changing due to four global megatrends – climate change, urbanisation, globalisation and demographic change. The pressures brought on by these four global megatrends can affect businesses and individuals significantly. Siemens has a portfolio of technology-based solutions to help tackle such challenges.

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The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.