



AIMS-ISR[®]

UNEQUALED SITUATIONAL AWARENESS SOLUTION



CarteNav Solutions Inc. is an international leader in situational awareness solutions for the maritime, land and air environments. Our operationally proven data integration and display technologies dramatically improve both the sensor operators' and the command team's capabilities. Importantly, the price of these systems is dramatically less than our competitors can meet.



AIMS-ISR[®] at Sea with the Royal New Zealand Navy

AIMS-ISR[®] is currently being deployed to the Royal New Zealand Navy. CarteNav Solutions' signature situational awareness technology, AIMS-ISR[®] TEAM, has been installed on New Zealand's fleet of project protector vessels (PPV). Further, the Navy plans to implement AIMS-ISR[®] COP.

Clarity in the fog of war

AIMS-ISR[®] is a revolutionary situational awareness solution that enables maritime defence and security forces to achieve clarity in the complexity of operations at sea.

AIMS-ISR[®] can be configured to integrate multiple sensor data from vessels, aircraft or other sources to build a powerful and comprehensive display. The result: command teams and operators have the picture they need to support mission critical decision-making.

- ▶ Full sensor data integration
- ▶ Proven operating picture building tools
- ▶ Robust and complete map engine



An ISO-9001:2008 certified company, CarteNav's technical expertise in sensor management, user interfaces, map systems and system integration is underscored by an unwavering commitment to customer service and quality.



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KEY BENEFITS

Linked operating picture

Data from multiple AIMS-ISR[®]-equipped units (vessel, aircraft, etc) can be shared, correlated and displayed as a common operating picture. AIMS-ISR[®] equipped aircraft can dramatically improve access to the power of modern electro-optics, AIS and radar, thereby bringing a whole new level of detail, clarity and coordination to maritime intelligence, surveillance and reconnaissance.

Proven yet adaptable

AIMS-ISR[®] is a cost-effective, customizable COTS solution. The technology can integrate a variety of input data, and transmit this information to multiple display outputs.

Intuitive operation

The product of thousands of hours of operational testing and development, the AIMS-ISR[®] operator/machine interface offers operators exceptional ease of use.

Fingertip control

Cutting-edge, intuitive control features give operators exceptional capabilities to focus sensors and identify targets.

Track correlation

AIMS-ISR[®] integrates data from multiple sensors and displays it in a comprehensive, easy to interpret common operating picture. Multiple tracks of the same contact are easily resolved in either the operator or automatic modes of operation.



Planning

AIMS-ISR[®] enhances mission planning through a full suite of tools that can draw shapes and input waypoints, reference points and intelligence to the operating picture.

Mission recording

AIMS-ISR[®] records mission information, providing the operational team with geo-referenced images, video recording and playback. The result: enhanced mission effectiveness and evidence gathering.

THE AIMS-ISR[®] FAMILY OF PRODUCTS

ADAPTABLE ▶ INTEGRATED ▶ COMPLETE ▶ UNRIVALED

AIMS-ISR[®] COP

This version of AIMS-ISR[®] facilitates the sharing of operational picture information between AIMS-ISR[®] equipped units. This permits any combination of ship-air-ground-command combined operating picture to be created and maintained.

AIMS-ISR[®] Team

This version of AIMS-ISR[®] integrates data from multiple sensors and workstations, providing an operating picture of unparalleled clarity and comprehensiveness. This version will serve as a small warship's command and control system.

AIMS-ISR[®] Multiple Sensors

This product allows a user at a single workstation to integrate multiple sensors on an easy-to-manipulate display, thereby providing excellent situational awareness. This version will be found on the bridge of small patrol or coast guard vessels not fitted with operations rooms or command information centers.

AIMS-ISR[®] Single Sensor

AIMS-ISR[®] Single Sensor is used to manipulate and integrate data from a single sensor. An example is the control of a ship-borne helicopter's EO turret and the use of that data.

AIMS-ISR[®] Simulator

This product simulates sensor activity and vessel movement, providing excellent training capabilities to enhance operator and decision-team readiness.

AIM-ISR[®] Pre & Post Mission

AIMS-ISR[®] Pre & Post Mission is a hand-portable tool that facilitates mission planning and post-mission analysis. In the case of pre-mission planning it can be used to download intelligence and geographical reference data into ship-borne AIMS-ISR[®]. The post-mission analysis capability allows replay of recorded sensor data.

