



**AIMS-ISR®**  
UNEQUALED SITUATIONAL AWARENESS SOLUTION



**CarteNav Solutions Inc.** is an international leader in situational awareness solutions for the sea, 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 prices of our systems are dramatically less than our competitors'.



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.



**AIMS-ISR® : Operationally Proven**

What separates AIMS-ISR® from other situational awareness tools? Thousands of hours of in-flight testing and development, thanks to unique working partnerships with the Royal New Zealand Air Force, which first deployed AIMS-ISR® in 2005, and subsequently with the Royal Australian Air Force. Valuable input from EO operators and tactical teams is just one of the reasons our clients tell us that AIMS-ISR® is in a class of its own.

**Looking for the needle in the haystack?  
We have its coordinates.**

AIMS-ISR® is a revolutionary situational awareness solution that enables military, security and commercial surveillance aircraft to achieve clarity in the complexity of air operations.

AIMS-ISR® is designed to integrate data from multiple aircraft sensors and other sources to build a powerful and comprehensive air, air-ground, or air-sea operational picture.

- ▶ Full sensor data integration
- ▶ Proven operational picture
- ▶ Robust and complete map engine



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## KEY BENEFITS

### Linked operating picture

Data from multiple AIMS-ISR®-equipped units can be shared, correlated and displayed as a common operating picture. AIMS-ISR® dramatically improves access to the power of modern electro-optic sensors, AIS, radar, and other sensors/links, thereby bringing a whole new level of detail, clarity and coordination to the conduct of air intelligence, surveillance and reconnaissance operations.

### Proven yet adaptable

AIMS-ISR® is a cost-effective, COTS solution. It 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 contacts.

### 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.

### Efficiency and effectiveness

Operators point out that with AIMS-ISR® mission efficiency is increased by 20%.

## 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 common operating pictures to be created and maintained.

### AIMS-ISR® Team

This version of AIMS-ISR® integrates data from multiple sensors and networked workstations, providing an operating picture of unparalleled clarity and comprehensiveness. This software product has served as the sensor integration and display system in

Australian P-3s operationally deployed to the Middle East and in Canadian Auroras deployed for security operations to the Vancouver Olympics.

### AIMS-ISR® Multiple Sensors

This AIMS-ISR® 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 is found on New Zealand P-3s.

### AIMS-ISR® Single Sensor

AIMS-ISR® Single Sensor is used to manipulate and integrate data from a single sensor. The best example of the proposed use of this product would

be those smaller patrol aircraft and helicopters that are equipped with modern electro-optic sensors, but are unable to either control the turret or present video and contact/track data adequately to the operator.

### AIMS-ISR® Simulator

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

### AIMS-ISR® Pre & Post Mission

The pre-mission planning part of this tool facilitates the planning and gathering of mission-related intelligence and geo-referenced data. Then, that information can be downloaded via a memory stick into AIMS-ISR® in the aircraft. The post-mission analysis capability allows replay of position and time-stamped recorded sensor data.

