



SAMS™

SITUATIONAL AWARENESS MANAGEMENT SYSTEM

Core capabilities

- **Real-time indication and warning management**, assessing threats and triggering alerts. Alerts are based on customer defined criteria and sophisticated analysis and pattern recognition, enabling swift response to potential security breaches.
- **System health monitoring** ensures that all components of the integrated security setup are functioning optimally.
- **Self-healing and distributed operation** for optimal performance. Redundant and distributed architectures maximizes performance and service availability.
- **Sensor agnostic and flexible platform** means data, video and audio feeds from practically any sensor can be fed into SAMS for monitoring and situational awareness.
- **Encryption and cybersecurity detection** protects device network traffic from the field using Ultra I&C's CyberFence encryption products and can also detect network attack attempts and malformed messages.

Overview

In an era where both physical and cyber threats loom large, maintaining robust situational awareness is paramount. Ultra I&C's Situational Awareness Management System (SAMS) serves as the nerve center for security operations, providing an integrated platform that orchestrates the surveillance and management of diverse physical and cyber landscapes through a single platform.

By correlating data from various sources—ranging from physical sensors and closed circuit video to cybersecurity sensors—SAMS offers a comprehensive operational picture that enhances real-time decision-making and threat response. This solution enables organizations to preemptively identify and mitigate risks, ensuring the safety and integrity of vital locations and their connectivity. In addition, Ultra I&C experts collaborate with local teams to identify, add and integrate tailored sensor capabilities for that delivers a comprehensive solution in a cost-effective fashion.

SAMS provides an integrated, common operating picture for enhanced decision-making and security management. Through 24/7/365 real-time management of sensors located anywhere on the globe, enterprises can gain a powerful ally in their ongoing battle against the evolving spectrum of security challenges.

Benefits

Enhanced situational awareness	By integrating multiple data sources, including advanced encryptors and security devices, SAMS delivers assured, persistent ground air and maritime operational surveillance capabilities.
Scalability	Whether for small-scale installations or large, complex infrastructures, SAMS meets the needs of any organization, supporting an extensive range of devices and systems.
Security and compliance	SAMS adheres to stringent security standards, ensuring that all data handling and processing are compliant with international security regulations.

Operational Features

Sensor and camera integration	SAMS effectively manages and controls a broad range of devices from industry-leading manufacturers, ensuring compatibility and seamless functionality. This includes everything from radar systems to advanced camera networks.
Common operating picture (COP)	Generate and maintain a dynamic, real-time visual representation of all monitored assets and activities. This common operational picture is vital for situational awareness and strategic decision making.
Data fusion and correlation	By correlating data from multiple sensors and sources, SAMS enhances the accuracy and reliability of the security information, minimizing false alarms and improving threat detection.
User-friendly interface	Designed with the end-user in mind, SAMS offers an intuitive interface that simplifies complex operations, making it accessible to operators with varying levels of technical expertise.

SAMS is a prime option for operators needing to integrate and manage diverse security systems, while enhancing robust security management and operational control. It is the premier pick for organizations requiring a reliable, scalable, and secure platform to oversee their security operations. SAMS enhances the functionality and effectiveness of individual security components while elevating overall situational awareness to safeguard critical assets and infrastructure.

Extensive library of supported devices enables quick integration and deployment for superior coverage. Expandable to support all customer needs.

