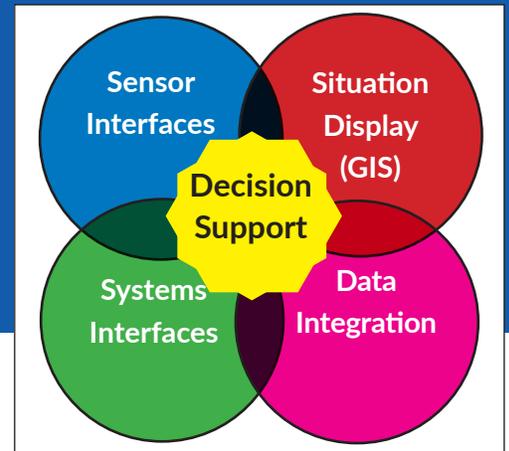
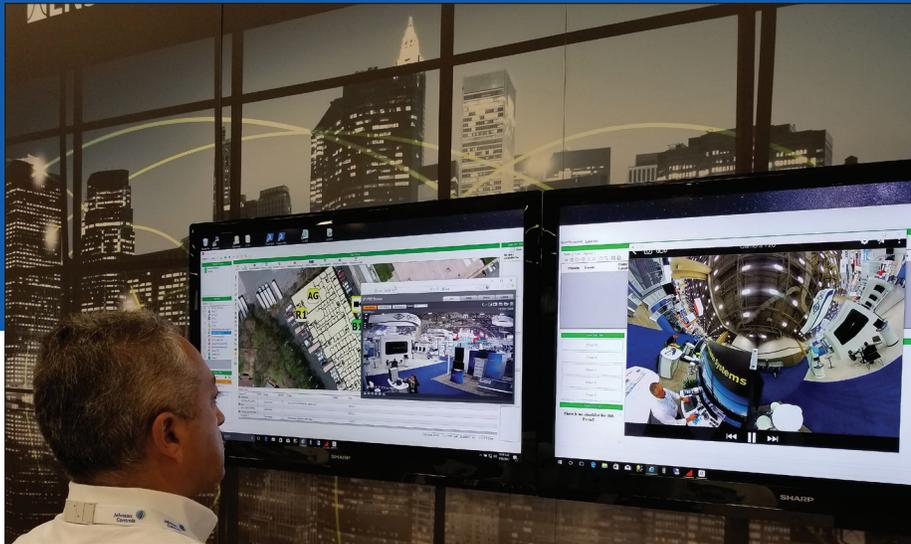


SENTRY

CBRN early warning and decision support tool



The four major software components of SENTRY, seamlessly coupled, yet configurable for specific needs.

SENTRY, ENSCO's chemical, biological, radiological and nuclear (CBRN) warning and decision support system, is the leading system of its kind for large building and compound security. It is a decision support system that monitors multiple sensor platforms and is the key enabling component that translates sensor detections into alarm events for effective incident situational awareness.

SENTRY provides an integrated and comprehensive CBRN sensor view, allowing first responders to make better informed decisions in the face of a catastrophic event, helping to save lives and to minimize collateral damage. SENTRY helps medical and fire personnel identify the safest escape routes and determine where and when to execute decontamination. The tool aids decision making in knowing when to initiate collective protective strategies and stage evacuation plans for maximum efficiency in the event of a CBRN event.

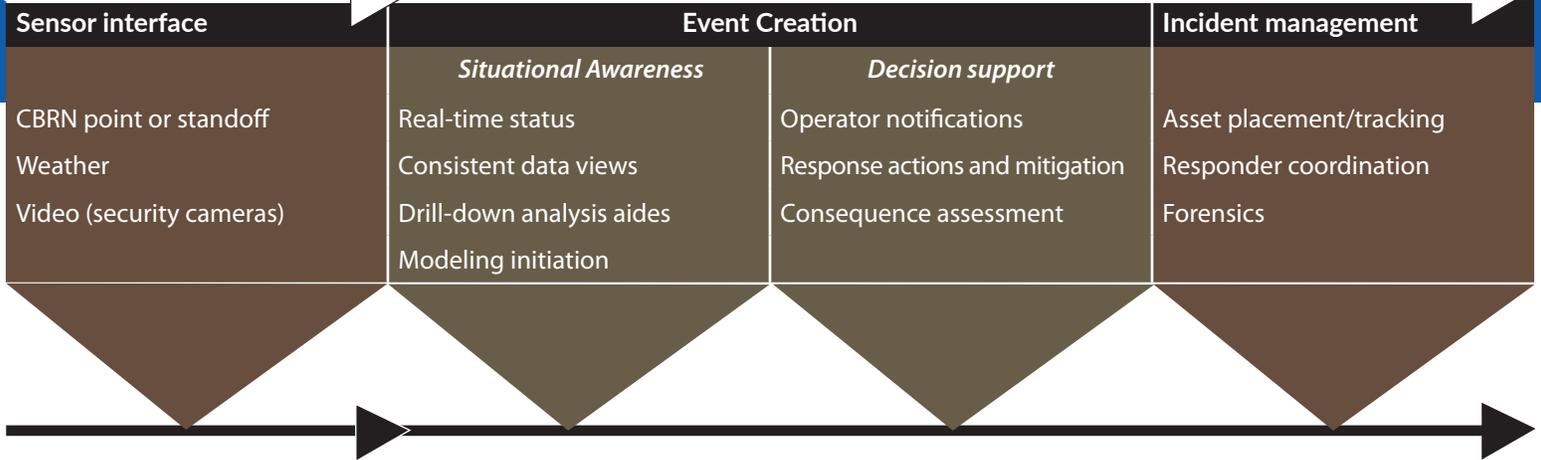
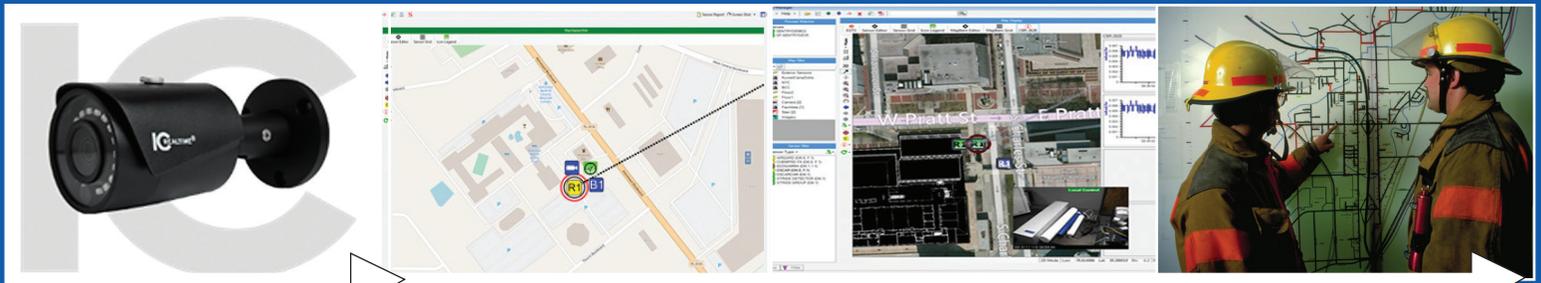
With SENTRY, decision makers are able to make sense of large amounts of disparate information and rely on SENTRY to:

- Rapidly interpret an incident data
- Reduce sensor-level false alarms
- Initiate response mechanisms, including audible alarms, tailored response checklists, external system alerts and automated system-level actions
- Reduce security-manning requirements

Benefits

SENTRY minimizes the time from detection to response, bridging the gap between sensor data and actionable information. SENTRY provides decision makers with a rapid interpretation of an incident based on all available sensor evidence. The system assimilates information from multiple sensors, thus accurately and reliably describing a CBRN event and reducing system-level false alarms.

SENTRY simplifies complex security environments and operations by interpreting multi-sensor data to minimize false alarms, provide automated responses and enable effective emergency response decision making.



Flexible: Provides a common platform for many applications, including border and facility protection; automated camera control and video processing; and military and intelligence.

Adaptable: An open architecture software system that is designed to be readily adaptable to meet customer requirements. The architecture follows a distributed client/server model that allows adding, upgrading and swapping components as needed.

Scalable: Accepts a variety of data types, including time series, spectra, extracted features, alarms, status, pictures and video data. SENTRY manages each sensor interface via a plug-in architecture, allowing an unlimited number of new sensors to be added to the system seamlessly.

Dependable: Event-based, multi-sensor automated detection analysis. SENTRY provides correlated information from multiple sensors and reduces false and nuisance alarms.

Proven: Built around ENSCO's patented sensor integration capability and currently in use at key Department of Defense and Department of Homeland Security facilities in the National Capital region.

Customizable: Provides tailored operator decision aids and additional reporting and annunciation options.

Experience

ENSCO, Inc. has extensive experience performing systems-level design and engineering for sensor communication and graphical display interface development. SENTRY has been fielded at a number of facilities in the National Capital region.

In addition, the SENTRY system has been evaluated for operational readiness, adherence to concept of operations and operator usability in many key DOD and DHS exercises.

Applications

SENTRY is an ideal complement and enhancement to security capabilities for the following applications:

- Building protection
- Border protection
- Large compound/campus protection



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