SECURITY FRAMEWORK

Intergraph®'s Security Framework provides the platform for integrating data from a variety of systems and sensors, and fusing that data into a common operating picture to be monitored and acted on in an operational environment. The Security Framework combines elements of sensor monitoring, alarm processing, video analysis, and object tracking, all built on Intergraph's core geospatial processing foundation for complete situational awareness. The Security Framework integrates with Intergraph's computer-aided dispatch (CAD) system to support the complete detect-assess-respond security life cycle. The software enables the integration of your CAD software with your alarm systems, access control devices, intrusion detection systems, video management software, object tracking systems, and other sensors.

Automatic CAD Event Creation
The Security Framework Server processes alarms, automatically creating CAD Events and reporting them to Intergraph's I/Dispatcher software. The application defines the location, event type, and contact information related to the alarm that occurred. You need only identify the alarming device and alarm type. The Security Framework Server includes the alarm, access control, and target interfaces for communication with external sensor systems. Intergraph implementation services staff can configure the appropriate interfaces according to your needs.

I/Security Administration Utility
To support system configuration after product installation, the Security Framework includes a flexible administration utility. This utility provides a gateway to six individual tools – all designed to administer the primary functional areas of your security system. These tools consist of:

- **Network** — Configure the servers and workstations – including host machines and communication servers – for the security system. Once these items are configured, you can initialize them and form relationships as required.

- **Adapters** — Configure and initialize any pre-loaded or customized interfaces used by the security system.

- **Devices, alarms, and targets** — Configure and initialize a variety of hardware components. These include vendor, type, commands, codes, user interface settings, targets, devices, and device visibility.

- **Zones** — Establish zones, zone types, and group devices, as well as manage and associate zones.

- **Video** — Configure your video server, cameras, camera groups, and camera visibility. This tool requires the I/Sight video product for full functionality.

- **Users, Groups, and Roles** — Establish users, groups, roles, and permissions from CAD in the security system.

Security Solution Enhancements
The Security Framework Server is a prerequisite for other security products that can enhance your system. For example:

- **I/AlarmPlus**, which provides user interface components for monitoring and interacting with alarms reported by the Security Framework. These include both tabular alarm displays as well as integrated map based displays using the geospatial components.

- **I/Sensor**, which provides user interface components for monitoring and interacting with moving objects being tracked by the Security Framework, typically via interfaces with sensors such as radar, RFID, intelligent video, or others sensors capable of detecting and reporting the location of moving objects of interest. These include both tabular tracking displays as well as integrated map-based displays using the geospatial components.
• I/Sight, which provides user interface components for displaying and controlling live and recorded video through a variety of video management systems.

Used together, the applications in the Intergraph security product suite contain the functionality, interfaces, and tools for rapid configuration, providing a shortcut to system development and a fast track to implementation of a comprehensive security or monitoring solution.

Intergraph’s Security Framework integrates data from all types of access control systems.

With Security Framework, you can display a variety of data types in a common operating picture.

ABOUT INTERGRAPH

Intergraph is the leading global provider of engineering and geospatial software that enables customers to visualize complex data. Businesses and governments in more than 60 countries rely on Intergraph’s industry-specific software to organize vast amounts of data to make processes and infrastructure better, safer and smarter. The company’s software and services empower customers to build and operate more efficient plants and ships, create intelligent maps, and protect critical infrastructure and millions of people around the world.

Intergraph operates through two divisions: Process, Power & Marine (PP&M) and Security, Government & Infrastructure (SG&I). Intergraph PP&M provides enterprise engineering software for the design, construction, operation and data management of plants, ships and offshore facilities.

Intergraph SG&I provides geospatially powered solutions, including ERDAS technologies, to the public safety and security, defense and intelligence, government, transportation, photogrammetry, and utilities and communications industries. Intergraph Government Solutions (IGS) is a wholly owned subsidiary of Intergraph Corporation responsible for the SG&I U.S. federal and classified business.

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