



## VIDEO ASSESSMENT

Accurately assessing the cause of an alarm triggered by a detection device – such as radar, video analytic, or motion sensor – is critical to determining the appropriate response. Detection devices have the inherent drawback of providing false positives, and often require human intervention to assess the cause. Intergraph®s Video Assessment application extends our computer-aided dispatch (CAD) platform with a two-way interface to third-party video management systems. It allows command-and-control operators to interactively control cameras (using pan-tilt-zoom motion commands) and receive live or recorded views from cameras. Plus, our tightly integrated system regularly queries all third-party cameras to establish the state and status of each one; that way, operators are quickly alerted if a camera has been tampered with or disabled.

With our application, operators have access to integrated intelligence, drastically reducing the amount of time spent putting together the pieces of a security puzzle. For instance, if an access control alarm is triggered on a door, the operator can quickly access the pre-alarm video to see if the alarm resulted from an innocent mistake (such as an incorrectly swiped card) or an intrusion (such as an attempt to kick open the door). The device that triggered the alarm can even be integrated with the video, so the alarm trigger (such as an access control device) will automatically display a live feed from the nearest camera. This prevents operators from having to scan rows of camera feeds to determine what has occurred and where. This assessment ability is essential, since determining a target's threat level is key to effectively managing resources quickly in any situation.

In addition to our standard capabilities, optional software is available for comprehensive forensic video analysis. This addition allows you to enhance video from closed-caption television, video surveillance, or security systems; stabilize and analyze video from car-mounted camera systems and unmanned aerial

vehicles (UAVs); preserve video evidence for future prosecution; integrate toolsets from other Microsoft® Windows®-based products; and share analyzed and edited videotaped evidence with other agencies. Intergraph provides a ready-to-use enhancement solution, including computer hardware; video capture hardware; Windows and Adobe software; video analysis software; and on-site installation, testing, and user training.

### FEATURES AND BENEFITS

Intergraph's multi-featured Video Assessment application offers your agency many operational benefits. Among them are:

- **Improved Situational Awareness** – Common operating picture brings together video data with detection and assessment data from multiple sources into one geospatially powered mapping environment, so you can accurately interpret the context of threats. Provides a two-way video interface between CAD and third-party video management systems.
- **Faster, More Appropriate Response** – Provides the means to queue cameras to specific detections so operators can quickly assess what caused the alarm and determine what kind of response is needed – from no response at all to dispatching multiple resources. Improves the ability to mitigate threats in progress.
- **Improved Camera Display and Control** – Displays and controls camera system devices through a single, geospatially powered interface using pan-tilt-zoom motion commands.
- **Camera Monitoring** – Queries all third-party systems to establish device state and status, so operators know if a camera has been tampered with or is malfunctioning.
- **Archived or Live Video Support** – Supports individual cameras or camera groups and retrieves selected archived or live video.

- **Commercial Off-the-Shelf (COTS) Integration** – Seamlessly integrates with other COTS software, such as our Incident Management application, to manage incidents to resolution. Allows you to share data within your organization and among agencies.
- **Highly Flexible Environment** – Provides a highly scalable, multi-tiered, multi-site environment that allows integration with any third-party camera, regardless of the format.
- **Reliability** – Available on a highly reliable (99.99% to 99.999%) switched network.

## OPTIONAL VIDEO ANALYSIS FEATURES

Video Analysis adds forensic capabilities to your solution, including:

- **Enhanced Video** – Allows you to enhance video from closed-caption television, video surveillance, or security systems.
- **Motion Imagery Analysis** – Lets you stabilize and analyze video from car-mounted camera systems and UAVs.
- **Evidence Collection** – Preserves video evidence for future prosecution.
- **Integration with Other Products Based on Microsoft Windows** – Lets you easily integrate toolsets from other Windows-based products to expand your overall analysis capabilities.
- **Sharing of Videotaped Evidence** – Enables sharing of analyzed and edited videotaped evidence with other agencies.
- **Turnkey Video Enhancement** – Provides a ready-to-use enhancement solution, including computer hardware, video capture hardware, Windows and Adobe software, and video analysis software. Also includes on-site installation, testing, and user training.

## COMPONENTS OF INTERGRAPH VIDEO ASSESSMENT

- I/Security Framework – Desktop
- I/Security Framework – Server
- I/Sight Desktop
- I/Sight Server

### Optional Components

- Video Analyst®

## 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 into understandable visual representations and actionable intelligence. Intergraph'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, and operation of plants, ships, and offshore facilities. Intergraph SG&I provides geospatially powered solutions to the defense and intelligence, public safety and security, government, transportation, photogrammetry, utilities, and communications industries.

For more information, visit [www.intergraph.com](http://www.intergraph.com).

