



## VIDEO SOLUTION Provides Unprecedented Situational Awareness

Every month, unmanned aerial vehicles (UAVs) stream tens of thousands of hours of live video to intelligence analysts and commanders. To help manage this deluge of video and sensor data, Intergraph has introduced its Motion Video Exploitation solution, which enables analysts to geospatially integrate video with multiple intelligence sources to provide unprecedented situational awareness and Strategic decision making capabilities.

**INTERGRAPH'S MOTION VIDEO EXPLOITATION** solution fuses and displays video data, including data from unmanned aircraft systems (UAS), with satellite imagery and geo-intelligence, delivering an exceptional level of actionable intelligence in real time.

This latest addition to Intergraph's suite of geospatially powered solutions supports military and civilian agencies' intelligence, surveillance, target acquisition and reconnaissance activities by providing an end-to-end workflow for collecting, extracting, analyzing and maximizing video data sources. The Motion Video Exploitation solution also allows for the storage of video so that it can be queried with all other geo-referenced enterprise content, allowing it to be easily located and utilized at a later date.

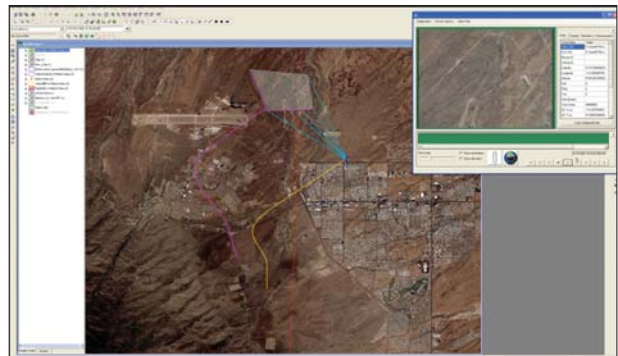
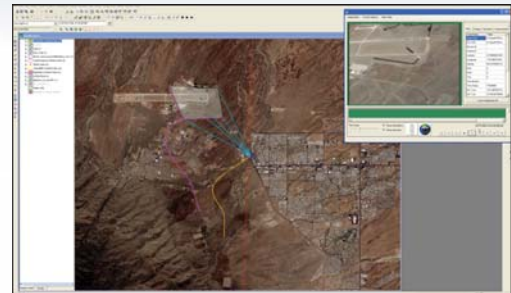
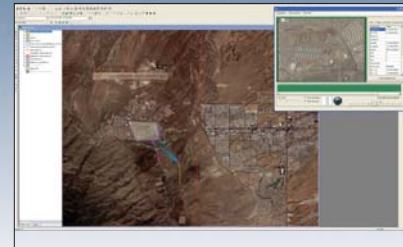
Using DVR-like controls, defense and intelligence analysts can easily collect, manage, store and distribute video on an enterprise-wide basis. It also correlates annotations and clipmarks within a video and conducts queries based on those annotations. Intergraph's Video Analyst application, a core technology in the Motion Video Exploitation solution, has been proven in years of public safety and

security service. The application enables real-time video enhancements and corrections, such as stabilization, removing atmospheric distortions and correcting for shadows, to improve video quality acquired from aerial platforms.

The motion video exploitation technology can detect change between frames and direct an analyst to a specific point of interest within the video. The solution also enables advanced analysis by fusing aerial motion video with other intelligence sources such as satellite or ground-based imagery, and sensor data with 3D modeling and simulation capability. Based on open industry standards, Intergraph's commercial off-the-shelf Motion Video solution promotes multi-agency interoperability and fusion of data from numerous disparate sources.

The Intergraph motion video solution incorporates EchoStorm's adLib video and data management software to facilitate the ingestion and reading of video from UAS. Once the video is collected and read by the EchoStorm solution, it is distributed into Intergraph's geospatial content management application in near-real time, empowering analysts with an up-to-the-minute view of the situation on the ground.

"Defense and intelligence agencies worldwide rely on Intergraph's open geospatial intelligence solutions to create



and exploit highly accurate visual representations for actionable intelligence and situational awareness," said John K. Graham, president, Intergraph Security, Government and Infrastructure. "By uniting Intergraph's extensive experience in geospatial data fusion and our vast expertise in forensic video analysis, we are able to offer our customers an unprecedented video analysis capability. The Intergraph Motion Video Exploitation solution ultimately maximizes warfighter efficiency by providing real-time situational awareness and actionable intelligence." ■