Available in both desktop and server applications, GXP InMotion™ delivers a streamlined user experience with a powerful set of tools designed for every level of the video analysts’ needs – from simple viewing and screen capture to advanced video editing and exploitation.

**GXP InMotion Video Server**
The GXP InMotion Video Server supports ingest and real-time streaming of video feeds from airborne platforms and other sources, as well as video recording, distributed mission management, and enhanced collaboration among mission workgroups.

Enabling video exploitation in an enterprise environment, the server solution allows organizations to efficiently scale based on the number of video missions and analysts required.

**GXP InMotion Video Desktop**
The GXP InMotion Video Desktop application delivers extensive exploitation capabilities required for both real-time mission support as well as detailed forensic analysis. Object tracking and video registration, as well as image enhancement and annotation, metadata overlays, advanced controls, and a built-in sensor model provide a robust environment for comprehensive video analysis.

Addressing the thousands of hours of video processed and exploited every day, GXP InMotion creates an optimized video workflow that allows analysts to collaborate and develop precise video exploitation in a minimum amount of time. Advanced workflows allow analysts to:

- Analyze recorded video
- Track events during a live mission
- Collaborate with other analysts
- Perform highly accurate exploitation
- Export georeferenced still frames to create customized products

Imagery courtesy of PV Labs
GXP InMotion integrates seamlessly with other GXP® solutions, leveraging the search and discovery power of GXP Xplorer®, along with the unparalleled image exploitation capabilities of SOCET GXP®. GXP InMotion also integrates with Google Earth™ mapping services to provide sensor position, field of view, and enhanced situational awareness.

Analysis and exploitation
GXP InMotion users can track object movement (including speed and heading) in real-time, while sensor modeling ensures that video coordinates are precisely matched to corresponding geographic ground coordinates. Images can be enhanced through adjustments in brightness, contrast, hue, sharpness, smoothing and edge detection, and annotations can be placed directly on the video for export into multiple formats including KML, shapefile, and GXP's Feature Database (FDB).

Product creation
Users can efficiently combine or trim video clips, insert transitions and title slides, redact unwanted detail from the metadata, and export resulting footage into standard video formats. Final products, from simple screen captures and full video segments, can then be developed with professional templates and superimposed video metadata such as position, heading, elevation, date, and time.

GXP InMotion is utilized by All-Source and Video Analysts at organizations across the world:

» Defense forces, intelligence agencies, and homeland security
» Universities and research organizations
» Systems integrators
» State, local, and regional governments
» Photogrammetry, mapping, and surveying agencies
» Transportation departments
» Natural resource management consultants