

GeoMedia Motion Video Analyst Professional

At the core of GeoMedia Motion Video Analyst Professional is the powerful GeoMedia geospatial platform that enables you to integrate data from disparate sources into a single environment for viewing, analysis, and presentation. With this application, organisations have a high-productivity environment for analysis of full motion video (FMV) taken from unmanned aerial vehicles (UAV). Military forces, intelligence agencies, public safety organisations and smart cities can use GeoMedia Motion Video Analyst Professional to exploit and analyse video for near real-time decision making. The software provides initial review capability for incoming video, such as placing clipmarks, extracting single-frame images and clips, and intelligence analysis for archived video. Geospatial vector representations are stored with each full motion video and available for query. You can use the centerline feature to specify what segments of the video to play, as shown here.



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A common operational picture

GeoMedia Motion Video Analyst Professional's capabilities are well-suited for agencies that conduct advanced analysis on all sources of intelligence data by enabling analysts to fuse motion video and other forms of intelligence into a single common operational picture (COP). GeoMedia Motion Video Analyst Professional provides additional capabilities to enhance, manipulate, chip/clip, and annotate image and video data.

Features and benefits of GeoMedia Motion Video Analyst Professional

- Fully exploit video, imagery and vector data in one seamless, geofused environment.
- Leverage advanced video enhancement and stabilisation capabilities.
- Discover a new geospatial context to review incoming video data from files or live streams.
- Geographically track the movement of your aircraft, the camera angle and other relevant geospatial information in a single homogeneous environment.
- Geofuse your video over vector data, raster maps and still imagery and watch it play across your map in context with other geospatial data.
- Capture relevant snapshots (single frames) and video clips for additional analysis.
- Query your video data by attribute, annotation, date/time and geospatial location.
- Automatically enhance your motion video for superior analytical results.
- Visualise and archive all geographic data relevant to your video.
- Watch your video simultaneously in a video window and projected in a map window.
- Control your motion video display with familiar DVR-like controls.
- Mark your video for further analysis and historical query capabilities.
- Extract image mosaics from your video data segments (mosaicking requires stable telemetry).
- Annotate your item or event of interest with a searchable geospatial definition.

Requirements

- Image Scout

-OR-

- GeoMedia Essentials, GeoMedia Advantage or GeoMedia Professional tier

OPTIONAL:

- GeoMedia Image Professional (included with Image Scout) for integrated image analysis and reporting
- Catalina Ground Station (multi-user) or Catalina Lite (single user) for live video
- Microsoft SQL Server or PostGIS for video warehousing, clipmarks and registration functionality

Contact us



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Graphic displays of full motion video and its associated tracking graphics are geofused with other forms of geospatial information to provide an instant view of the common operational picture.

About Hexagon

Hexagon is a global leader in digital reality solutions, combining sensor, software and autonomous technologies. We are putting data to work to boost efficiency, productivity, quality and safety across industrial, manufacturing, infrastructure, public sector, and mobility applications.

Our technologies are shaping production and people-related ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's Geospatial division creates solutions that deliver a 5D smart digital reality with insight into what was, what is, what could be, what should be, and ultimately, what will be.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 21,000 employees in 50 countries and net sales of approximately 3.8bn EUR. Learn more at [hexagon.com](https://www.hexagon.com) and follow us @HexagonAB.

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