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Release Guide

GeoMedia Motion Video Analyst Professional 2022

Version 16.7
21 October 2021

Contents

About This Release

This document describes the enhancements, fixes, and system requirements for GeoMedia Motion Video Analyst Professional 2022, including the Elevation to Raster utility.

This release includes both enhancements and fixes. For information on new features, see the New Technology section. For information on fixes that were made for this release, see the Issues Resolved section. For information on hardware and software requirements, see the System Requirements section.

This document is only an overview and does not provide all of the details about the product's capabilities. See the online help and other documents provided with GeoMedia Motion Video Analyst Professional for more information.

GeoMedia Motion Video Analyst Professional

GeoMedia Motion Video Analyst Professional is a desktop motion-imagery analysis tool that is used with GeoMedia to view and analyze full motion video in the GeoMedia environment. When combined with Image Scout or GeoMedia Image Professional and TerraShare® or SQL Server, GeoMedia Motion Video Analyst Professional provides a complete Multi-INT solution for end-to-end management and intelligence fusion and exploitation of full motion video, imagery, elevation, and feature data in a single integrated environment.

The Elevation to Raster utility converts collections of DTED files to BigTIFF format for use as an elevation surface for Motion Video Analyst Professional to project video footprints and frame to the ground when ground corner points are not provided in the video metadata.

New Platforms

GeoMedia Desktop 2022

GeoMedia Motion Video Analyst Professional and Elevation to Raster Utility have been updated for compatibility with GeoMedia Desktop 2022.

New Technology

Added Support For PostGIS Video Warehouse

Added support for PostGIS as a video warehouse. For information on how to create a new PostGIS video warehouse, see the GeoMedia Motion Video Analyst Professional System Administrator Guide.

Added Support For Catalina Version 4.5

Added support Catalina video server version 4.5. Support for Catalina 3.3 and 4.2 as a video server connection is still provided.

Licensing

A new product license is required for the 2022 release. The latest licensing 2022 application should be downloaded and used for this release.

System Requirements

Computer/Processor	● 64-bit: Intel 64 (EM64T) or equivalent
Memory (RAM)	● 4 GB minimum (8 or more recommended)
Disk Space	● 62 MB for software
Operating Systems[1]	● Windows 10 Professional (64-bit)[2] with Windows DVD Player app
Database Server Engines	● See the *GeoMedia Desktop Release Guide* for database server engines that are supported by GeoMedia. See below for database server engines that are supported by Motion Video Analyst Professional for video warehouse, clipmark, and registration functionality.
Database Client Engines	● See the *GeoMedia Desktop Release Guide* for database client engines that are supported by GeoMedia. See below for database client engines that are supported by Motion Video Analyst Professional for video warehouse, clipmark, and registration functionality.

Software	● GeoMedia Essentials, Advantage, or Professional 2022
	
	● Required for video warehouse, clipmark, and registration functionality:
	
	    o TerraShare Server 2.3.413
	
	    o TerraShare Client 2.3.403
	
	    o Oracle Server 11.2.0.4, 32- or 64-bit
	
	    o Oracle Client 11.2.0.4, 32-bit
	
	-or-
	
	    o SQL Server or SQL Server Express 2017 or 2019 64-bit
	
	-or-
	
	    o PostgreSQL 11 with PostGIS 2.5
	
	    o PostgreSQL 13 with PostGIS 3.1
	
	● Required for live video support: Catalina Ground Station (multi-user) or Catalina Lite (single user) 4.2 or 3.3

System Dependencies	• Microsoft® .NET Framework, Version 3.5. This was included with Windows 7 but must be installed for Windows 10. For information on installing .NET Framework 3.5 for Windows 10, see the *GeoMedia Motion Video Analyst Professional Installation Guide*.
Virtual Server and Virtual App Technology	• Not supported
Graphics Display	• 1920x1080 resolution and 32-bit color minimum. • NVIDIA graphics and driver version 341.05 (CUDA 6.5) or higher is required for GPU acceleration of dehaze processing • Dual monitors recommended
Peripherals	Software security (Licensing 2022) requires one of the following: • Internet connection for online license activation • Ethernet card for offline license activation • One USB port for hardware key for offline license activation

System Requirements Notes

[1] 32-bit versions of the Windows operating systems are not supported. GeoMedia Desktop and GeoMedia Motion Video Analyst Professional run on 64-bit systems in 32-bit emulation mode.

[2] Cumulative Update for Windows 10 Version 1511: December 17, 2015, or higher is required (KB3124200).

Issues Resolved

Support Ticket	Summary
IG-19705	Map window freezes when you resize the map window after creating a snapshot when MGRS coordinate readout is turned on in the video window.
IG-25741	When querying for all the prerecorded videos on a server, the Catalina 4.2 driver would only return the first media segment from the media record. The Catalina 3.3 driver would return multiple records as expected.

Deprecated

None

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 Safety, Infrastructure & Geospatial division improves the performance, efficiency and resilience of vital services. Its Safety & Infrastructure solutions enable smart and safe cities. Its Geospatial software leverages the power of location intelligence.

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 and follow us @HexagonAB.

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