
Release guide

GeoMedia Transportation Manager 2023

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About this release

This document describes the enhancements, fixes and system requirements for GeoMedia Transportation Manager 2023.

This release provides compatibility with GeoMedia Desktop 2023 and other underlying platforms, as well as enhancements and fixes. For information on new features, [New technology](#). For information on fixes, see [Issues resolved \(16.7.1\)](#) and [Issues resolved \(16.8\)](#). For information on hardware and software requirements, see [System requirements](#).

This document is an overview and does not provide all details about the product's capabilities. See [online help](#) and other documents provided with GeoMedia Transportation Manager for more information.

GeoMedia Transportation Manager

GeoMedia Transportation Manager provides the key geospatial technology to help professionals in departments of transportation (DOTs), rail companies, waterway agencies and pipeline operations to efficiently analyze and maintain the transportation infrastructure. Functionality is included for building and maintaining a linear network model that will support a linear referencing system (LRS), multilevel linear referencing system (MLRS), and vehicle routing applications.

New platforms

GeoMedia Desktop

GeoMedia Desktop 2023, Professional tier is required for this release.

Geospatial Licensing

Geospatial Licensing 2023 is required for this release.

New technology

Licensing

A new product license is required for the 2023 release.

The latest Geospatial Licensing Administration tool should be downloaded and used for this release.

System requirements

Computer/processor	Any x64-based processor
Memory (RAM)	16 GB or more recommended
Disk space ¹	1 GB for software
Operating systems ²	<ul style="list-style-type: none"> • Windows 10 (64-bit) • Windows 11 • Windows Server 2016 (64-bit) • Windows Server 2019 (64-bit) • Windows Server 2022
Peripherals	Software licensing requires an ethernet card
Virtual server and virtual app technology	GeoMedia is a standard Windows application that has been shown to be compatible with a variety of virtualization technologies such as VMware, Hyper-V, VirtualBox and XenApp. While running GeoMedia in such environments is supported, any problems that uniquely occur in a virtualized environment are considered issues with the virtualization software.
Prerequisites	<ul style="list-style-type: none"> • GeoMedia Desktop 2023, Professional tier • Geospatial Licensing 2023
Database servers ³	<ul style="list-style-type: none"> • Oracle Server versions as indicated in the release guide for GeoMedia Desktop • SQL Server versions as indicated in the release guide for GeoMedia Desktop
Database clients	<ul style="list-style-type: none"> • Oracle Client versions as indicated in the release guide for GeoMedia Desktop • SQL Server Native Client versions as indicated in the release guide for GeoMedia Desktop

System requirements notes

¹ Disk I/O is usually the slowest task in geospatial data processing. Faster hard disks improve productivity. Reading data from one disk, writing temporary data to a second disk and writing data to a third disk improves performance. Disk arrays improve productivity, but some RAID options slow performance. Network disk drives are subject to network limitations.

² GeoMedia runs on 64-bit systems in 32-bit emulation mode.

³ In all cases of database software, support for a specific version is dropped in the GeoMedia context when the database vendor ends support for that version.

Issues resolved (16.7.1)

Support ticket	Description
00023012	The attribute properties dialog fails to validate fields and input values during MLRS LRM Editing.
00022949	Event Conversion issue when defining Event Coordinate System.
00022733 00031452	The Insert LRM Segment command can cause data corruption if using an existing geometry of a Composite Polyline containing arcs.
00022911	Event Conversion fails to convert events for Oracle data if the referencing LRS has record(s) with null geometry.
00022860	The Create Intersections and Midblocks command creates output fields too small to accept values.
1-JV24BJ	Undo does not work for various LRM Editing commands when data is stored in Oracle.
1-S569ZE	Notification updates to an Event Conversion query can result in application termination.
00023099	LRS Event Conversion can result in an application crash.
00023033	Multilevel LRS Conflation fails to correctly map source Boolean values to the LRM GeometryReversed field.
1-DOG9MU	LRS Event Conversion results in Status1 Unable to locate event. Matching measure has zero length.
1-ASCFY8	LRS Calibration is not working when concurrent routes are in a Display LRM query.
1-KMRAH6	Interactive Calibration of a loop route results in reversed geometry.
1-65J0IN	Create Intersection Markers command returns 'Out of Memory' error.
1-1687798051	Notification updates to an Event Conversion query may result in a crash.

Issues resolved (16.8)

Support ticket	Description

About Hexagon

Hexagon is the 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 resilience and sustainability of the world's critical services and infrastructure. Our solutions turn complex data about people, places and assets into meaningful information and capabilities for better, faster decision-making in public safety, utilities, defense, transportation and government.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 24,000 employees in 50 countries and net sales of approximately 5.2bn EUR. Learn more at hexagon.com and follow us [@HexagonAB](https://twitter.com/HexagonAB).

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