



Release guide

Octave GeoMedia 3D

2025

18 February 2026

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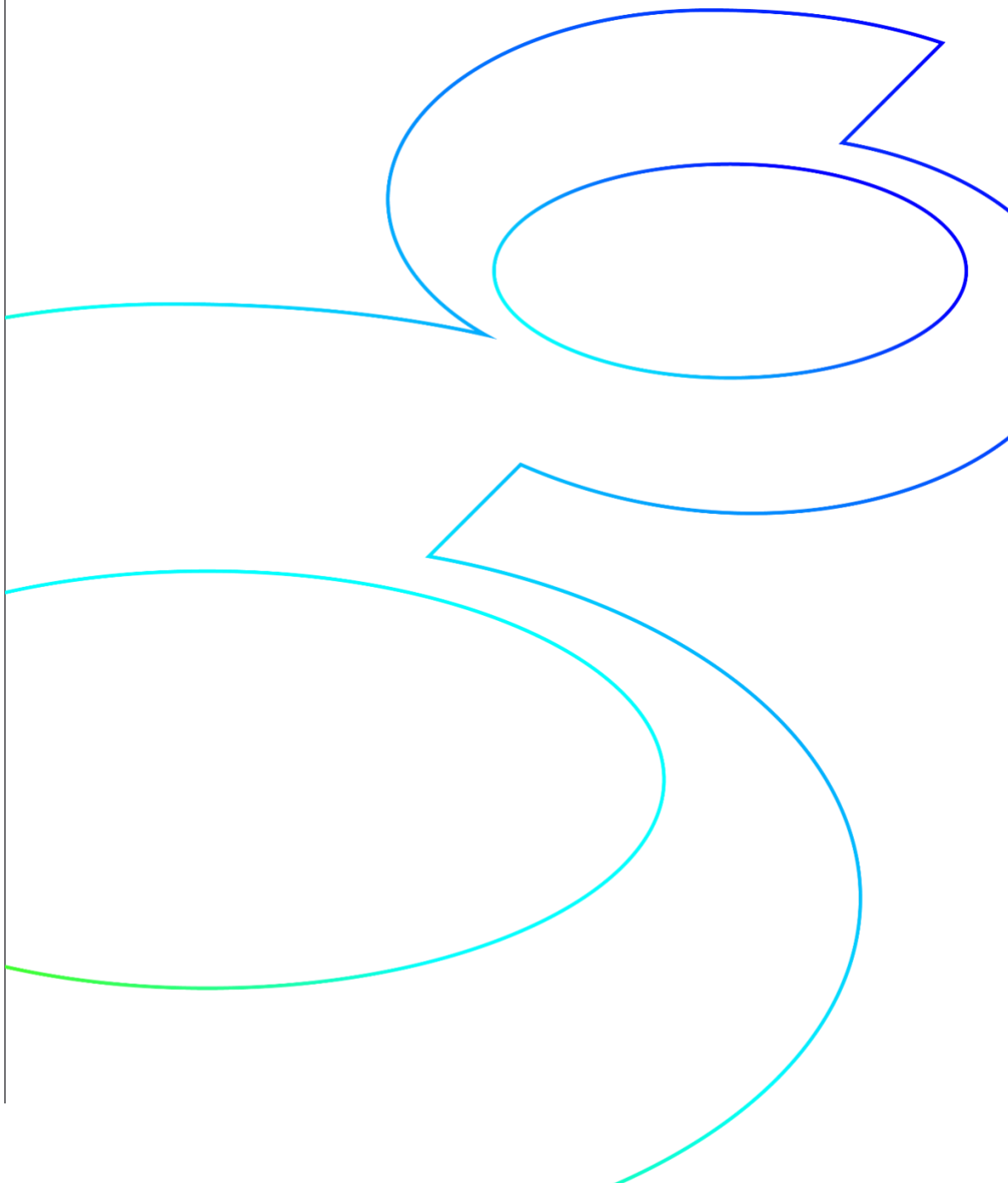


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About this release

This document describes the enhancements, fixes and system requirements for Octave GeoMedia 3D. Although the information in this document is current as of the product release, see the [Octave Geospatial Community](#) for the most current version.

For information on enhancements, see [New technology](#). For information on fixes with this release, see [Issues resolved](#). 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 3D for more information.

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GeoMedia 3D

GeoMedia 3D is an add-on product for GeoMedia Desktop. GeoMedia 3D is a set of well-integrated commands that give you a wide range of geospatial processing capabilities for defense, intelligence, government, transportation, utilities, communications, public safety and security applications.

GeoMedia 3D extends the functionality of GeoMedia Desktop by integrating 3D visualization and analysis. You can visualize, navigate, analyze and interact with 3D data natively in GeoMedia Desktop. Additionally, you can dynamically integrate surfaces, imagery, feature data and vector data to provide a 3D view of all data sources in the GeoMedia 3D map window.

New platforms

GeoMedia Desktop 2025

GeoMedia Desktop 2025, Essentials tier or higher, is required for this release.

Microsoft Windows

The dpiAware system setting has been changed to "False" to match GeoMedia Desktop so that the settings do not conflict at runtime and high-resolution monitor behavior matches GeoMedia Desktop.

New technology

Licensing

A new product license is required for the 2025 release.

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

Point cloud changes

The point cloud commands (Construct HPC, Insert HPC, Query HPC) have been deprecated and have been replaced by the Insert Point Cloud Footprints command, which uses LAS and LAZ format files to generate CPT files that are native to the Skyline 3D engine.

System requirements

Computer/processor	Any x64-based processor
Memory (RAM)	16 GB or more recommended
Disk space ¹	2 GB for software
Operating systems ²	<ul style="list-style-type: none">• Windows 11• Windows Server 2022• Windows Server 2025
Peripherals	Software licensing requires an ethernet card
Virtual server and virtual app technology	<p>GeoMedia is a standard Windows application that can be compatible with a variety of virtualization technologies such as VMware, Hyper-V, VirtualBox and XenApp. While GeoMedia can run in such environments, any problems that uniquely occur in a virtual environment are considered issues with the virtualization software.</p> <p>For GeoMedia 3D, the graphics emulation for virtual systems must meet the minimum display requirements for the 3D window as stated below.</p>
Prerequisites	<ul style="list-style-type: none">• GeoMedia Desktop 2025, Essentials tier or higher• Geospatial Licensing 2025
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 dependencies	<ul style="list-style-type: none"> • Microsoft .NET Framework 3.5⁴ • Microsoft Primary Interoperability Assemblies 2005⁵
Graphics display	A minimum SVGA display with 1024x768 resolution is required. 1280x1024 or higher and 32-bit true color are recommended.
Recommended graphic cards	A mid-level to high-end professional video card with a minimum of 1 GB of dedicated video memory and DirectX Version 9 or higher support is required.

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.

⁴ For information on installing .NET Framework 3.5 for Windows 10 or Windows 11, see the Installing .NET Framework 3.5 section in the GeoMedia 3D installation guide.

⁵ To install, right-click on <root-media>\Repository\Prerequisites\vs_piaredist.exe and select **Run as administrator**.

Issues resolved

Support ticket	Description

Deprecated

TerraShare

All commands and references to TerraShare have been deprecated.

About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale. For decades, we’ve partnered with customers to sharpen performance, elevate efficiency and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what’s possible from day one onward.

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