



Release guide

Release guide

GeoMedia Smart Client 2023

Version 16.8.0

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About this release

This document describes the enhancements for GeoMedia Smart Client 2023. Although the information in this document is current as of the product release, see the [support website](#) for the most current version.

This release includes both enhancements and fixes. For information on fixes, see [Issues Resolved](#). For information on enhancements, see [New Technology](#).

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 Smart Client for more information.

GeoMedia Smart Client product tiers

GeoMedia Smart Client is a GIS workflow management system that connects tasks and dependencies across different roles in a process and can be dynamically configured to reflect a user's role and specific workflow steps. End users gain advanced geospatial functionality via simple-to-use, map-based tools, allowing them to focus their time on their areas of expertise.

Workflow Manager is a standalone product and a rich toolset that lets users construct highly focused business workflows that primarily support attributive data, but may also contain a spatial component. It provides the means for third parties, contractors and even the public to use task-specific, highly specialized processes that tie back to your enterprise operations. No programming skills are required to build optimized form-based workflows that can be made available in the browser and through Geospatial Portal.

GeoMedia Smart Client is available in three product tiers (Essentials, Advantage and Professional) to complement a broad range of customers — from small businesses with few users doing simple vector editing, to large, multidisciplinary environments supporting multiple business workflows across various departments.

GeoMedia Smart Client Essentials

GeoMedia Smart Client Essentials provides organizations with high-end vector redlining functionality as well as the ability for an unlimited number of users to display raster and vector maps, analyze and query data, print, measure and use dimensioning functions.

GeoMedia Smart Client Advantage

GeoMedia Smart Client Advantage contains all the features and functionality of the Essentials product, plus the ability for an organization to use predefined business process workflows and edit data. The additional Workflow Manager - Runtime module enables customers to run pre-built workflows, edit attributes or capture and change spatial data on the web client and push the changes back to the server database.

GeoMedia Smart Client Professional

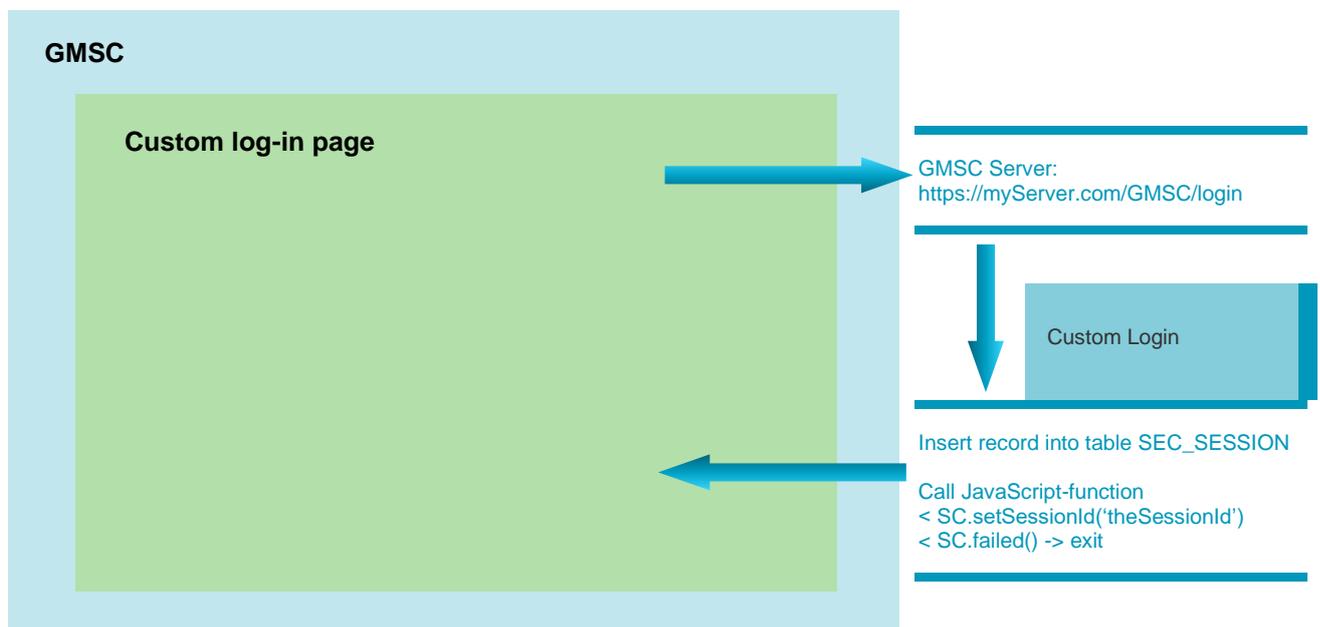
GeoMedia Smart Client Professional contains all the features and functionality of the Advantage product, plus Workflow Manager - Editor, which enables an organization to develop workflows or revise the structure, process and forms of current ones.

New technology: GeoMedia Smart Client 2023

Custom log-in page

Per customer request, GeoMedia Smart Client 2023 has a new option for a custom log-in page. To use it, you must enable it first in the registry:

HKEY_LOCAL_MACHINE\SOFTWARE\Intergraph\GeoMedia SmartClient\Sites\YOUR_GMSC_SITE and there you must put a key called **LoginPageUrl** with value of e.g., "https://myServer.com/GMSC/login."



Advantages:

- Leverage fully customizable login
- Access from all other sources with the same log-in credentials (e.g., GeoMedia, etc.)
- View additional information on the log-in page (e.g., Status of GMSC, Data Update, etc.)
- Combine with other authentication providers (e.g., KeyCloak, etc.)

SHA-512 password encryption

With the latest release of GeoMedia Smart Client security is improved with the encryption of all passwords with SHA-512. This comes on top of the hash encryption already in place, which means passwords are now double hash encrypted. It is an automatic process, and nothing must be done manually.

System requirements

GeoMedia Smart Client

Computer/processor	<p>Server-side: 1.4 GHz minimum (64-bit)</p> <p>Client-side: 1 GHz minimum (64-bit)</p>
Memory (RAM)	<p>Server-side: 8 GB minimum</p> <p>Client-side: 2 GB minimum</p>
Disk space	<p>Server-side: 512 MB for application</p> <ul style="list-style-type: none"> • Additional disk space requirements vary depending on the amount of geodata
Operating systems	<p>Server-side:</p> <ul style="list-style-type: none"> • Windows Server 2012 (64-bit) • Windows Server 2012 R2 (64-bit) • Windows Server 2016 • Windows Server 2019 • Windows Server 2022 <p>Windows Server will be supported until the end of Microsoft's mainstream support of the product.</p> <ul style="list-style-type: none"> • https://support.microsoft.com/en-us/lifecycle <p>Client-side:</p> <ul style="list-style-type: none"> • Hexagon App Launcher <p>For example:</p> <ul style="list-style-type: none"> • Windows 7 SP1 (64-bit) • Windows 8.1 (64-bit) • Windows 10 (64-bit) <p>Windows OS will be supported until the end of Microsoft's mainstream support of the product.</p> <ul style="list-style-type: none"> • https://support.microsoft.com/en-us/lifecycle
Database server engines	<p>Database servers (Read/Write)</p> <ul style="list-style-type: none"> • Oracle Server 12c or higher (32-bit and 64-bit) • SQL Server 2014 SP2 or higher (32-bit and 64-bit) • Postgres SQL 9.3 — PostgreSQL 13.0 (32-bit and 64-bit)
Additional software	<p>Server-side:</p> <ul style="list-style-type: none"> • .NET Framework 4.5.2 • Windows Installer 3.1 or higher • MDAC 2.7 or WDAC 9.0.1 • IIS 8 or higher • Oracle 12c ODAC or higher (64-bit)

	Optional: <ul style="list-style-type: none"> Access Database Engine (64-bit) — part of the GMSC installation media Client-side: <ul style="list-style-type: none"> Hexagon App Launcher
Browser	<ul style="list-style-type: none"> IE 11 and Microsoft Edge Chrome 63 or higher Firefox 57 or higher
Graphics displays	Recommended screen resolution of 1280 x 1024 or better with 24-bit color
Peripherals	Server-side: Access to DVD drive Client-side: Mouse or pen for geodata input
Input device for tablets	Client-side: Digitizer is recommended

Issues resolved: GeoMedia Smart Client 2023

Various product tiers

Support ticket	Summary
00037063	Error on inserting new element with copy geometry from same feature
00079654	Telerik reports: Parameters can't be initialized from form fields
00089794	GetFeatureInfo (Objektinformationen anzeigen) of WMS Service will open several tabs for linked documents by opening the Hyperlinks of attributes
00109008	FormMap - Low quality in PDF-Reports
00126012	Printlayout can't be loaded
00143447	Fit selection in client takes too much time for projects with many features
00139830	Edit Redline Style not available for redlines created with GMSC 2018 (16.5)
00170456	SvgScaler not available
00023499	Wokflow tabs (TabPage) not visible
00117710	Materialized View not Working
00154220	Administrator - Project - Legend - Theme can't be edited
00074139	API/SDK documentation servers down
00023450	When setting form field to editable="false" it makes "help" parameter unusable.
00162464	Arcs of PostgreSql Warehouse not displayed in the Map
00158537	Theme can't be created if Project Name has more than 36 characters
00153471	Unable to save uploaded file as binary - 'An item with the same key has already been added' error
00139830	Edit Redline Style not available for redlines created with GMSC 2018 (16.5)
00143447	Fit selection in client takes too much time for projects with many features
00126012	Printlayout can't be loaded
00109008	FormMap - Low quality in PDF-Reports
00096139	EPSG 5514 cannot be loaded
00099327	TileService generates blank tiles without any alert of invalid geometry
00089794	GetFeatureInfo (Objektinformationen anzeigen) of WMS Service will open several tabs for linked documents by opening the Hyperlinks of attributes.
00084250	GMSC Client – Redline – Edit geometry shows up time delay and disappearing of edited feature before it will be displayed correctly
00084591	Request for support of alternative formats of WMS GetFeatureInfo response
00073159	Save new geometry throws error if the workflow node has a condition

00071816	User is not able to edit the Halo Text for Touched, Selected and Highlighted
00038483	Feature - interpretation Dimensioning - Not working
00063589	CSV export does not handle non-ASCII characters properly

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Hexagon is the global leader in digital reality solutions, combining sensor, software and autonomous technology. We are putting data to work to boost efficiency, productivity, quality and safety across industrial, manufacturing, 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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