



RELEASE GUIDE

GEOMEDIA PDF

Version 16.2
December 15, 2017



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ABOUT THIS RELEASE

This document describes the enhancements for GeoMedia PDF. Although the information in this document is current as of the product release, see the Hexagon Geospatial Support website for the most current version.

This release includes both enhancements and fixes. For information on new features, see the New Technology section. For information on fixes that were made to GeoMedia PDF for this release, see the Issues Resolved 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 PDF for more information.

GEOMEDIA PDF

GeoMedia PDF is an add-on to GeoMedia. It allows you to create georegistered PDF files from the layout window of GeoMedia.

This product is new with the GeoMedia 2016 release. It provides similar capabilities to the former GeoMedia GeoPDF Publisher product, but creates ISO-32000 standard PDF format with georeferencing information instead of GeoPDF format.

NEW PLATFORMS

GEOMEDIA DESKTOP 2016 V16.2

This version of GeoMedia PDF requires GeoMedia Desktop 2016 v16.2 Patch 2 or higher.

NEW TECHNOLOGY

REMOVED ADOBE ACROBAT DEPENDENCY

GeoMedia PDF no longer requires Adobe Acrobat to generate the geospatial PDF documents.

NOW LOCALIZED

GeoMedia PDF is now localized to work properly on non-English operating systems.



SYSTEM REQUIREMENTS

Computer/ Processor	<ul style="list-style-type: none"> 64-bit: Intel 64 (EM64T), AMD 64, or equivalent
Memory (RAM)	<ul style="list-style-type: none"> 4 GB minimum, 8 GB or more recommended
Disk Space	<ul style="list-style-type: none"> 11 MB for software Data storage requirements vary by mapping project¹
Operating Systems ^{2,3}	<ul style="list-style-type: none"> Windows® 7 SP1 or higher, Professional and Ultimate (64-bit) Windows® 8.1, Professional and Enterprise (64-bit) Windows® 10, Professional and Enterprise (64-bit)
Software	<ul style="list-style-type: none"> GeoMedia Essentials, Advantage, or Professional 2016 v16.2 Patch 2 or higher Adobe Reader® 8 or higher to display the georeferenced PDF files
Graphics Display	<ul style="list-style-type: none"> Display with 1920 x 1080 resolution and 32-bit true color recommended.
Peripherals	<p>Software security (Intergraph Licensing 11.13.2) requires one of the following:</p> <ul style="list-style-type: none"> Ethernet card, or One USB port for hardware key

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 32-bit versions of the Windows operating systems are not supported.

³ GeoMedia and GeoMedia PDF run on 64-bit systems in 32-bit emulation mode.

ISSUES RESOLVED

CR #	Summary	Description / How to Reproduce
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1-R3AA3J	Symbols lost during export to PDF	During PDF generation, FSM symbol is rasterized and go to PDF. If any raster appears on angle 0 degrees it doesn't go to PDF. If they change angle of FSM or SVG or any raster indifferent angle (for example 0.1 degrees) every FSM symbols and rasters go to PDF properly. It concerns only marginalia not map view.
1-KXH74I	Initialize from Groups Tab results in single layer output	In the Map Window, select the Display Order legend, then GeoPDF > Layers. Clear any existing Acrobat Layers, then right click and select "Initialize from Groups Tab", then OK, then Export. Provide new output file name. After GeoPDF is created, open and note that there is only a single "flattened" layer.
1-AYLXJW	Symbol parts missing	Customer uses the provided .fsm symbol "Tree (from above)" for symbolization. The symbol is not rendered correctly to plotter/PDF driver. Parts at the edge of symbol are clipped in the output.
1-GKP7ST	Areas pattern incomplete / missing symbols for large formats	After Export to GeoPDF in Format A1 or A0 the areas are patterned incompletely. FSM symbol is used for patterning. Also Point symbols are not displayed after GeoPDF Export.
1-QS4V5J	Missing route shield in large format GeoPDF output	<p>Customer reports that their GeoPDF output is working well for A size and B size sheets, but with larger sheet sizes (C-E) they are seeing missing symbols in output.</p> <p>Customer provides .gws and .mdb and symbol file (attached). To replicate, copy .fsm to warehouses folder and place .mdb in warehouses folder. Open .gws, go to layout, select E-Size sheet and then generate GeoPDF output. As a control, go back to layout window and plot E-Size sheet to Adobe PDF driver. Compare the output .pdf files.</p> <p>Note that the shields on route numbers are missing from the GeoPDF output, but are present in the non-geo PDF. Also, plot A size sheet to GeoPDF - all route shields are present and whole.</p>
IG-6490	Context sensitive Help does not work	Clicking the Help button on any of the dialogs in GM PDF is supposed to open the corresponding Help topics but does not. They all open to the Index instead of the Contents tab, and they all activate the Overview topic in the contents tab. Which topic they display is random, usually Overview, sometimes something else.
1-9PH606	Loss of the layers if a style includes translucency	<p>When exporting to GeoPDF, the output doc is "flattened" (no layers, and impossible to access attributes) if a layer style includes translucency.</p> <p>Workflow to reproduce:</p> <ul style="list-style-type: none"> - Open a blank gws

		<ul style="list-style-type: none"> - Connect to the USSampleData.mdb warehouse - Add 3 legend entries: States, Cities, and Rivers - Modify the States style (activate the fill option and set the translucency to 25%). - The GeoPDF produced is flattened.
IG-6820	PDF – Add support for non-English regional settings	If regional settings are not set to English, but something like German, verify the appropriate punctuation is used for decimal separators and date formats, etc.
IG-6672	Install on Win 10 removes Start > GeoMedia > Help entry	After installing GM PDF on Win 10, Start > All apps > Hexagon GeoMedia Desktop > Help entry is gone. This doesn't happen with 3D and MVA. Both 3D and MVA are named "Help Topics", both GM and PDF are named "Help".
1-XNTMMR	Error in picklist tables with Oracle	<p>Error relates to picklist tables. It appears to be independent of the user's login (whether windows authentication or oracle login). It will occasionally work the first time it is attempted, but fails after that.</p> <p>Support's analysis indicates that the application is attempting to load picklists for all schemas on the server, instead of just for the schema in use (or even just for the feature classes on the legend/layout sheet).</p> <p>Error message is: ----- An error occurred in the underlying database</p> <p>GeoMedia GeoPDF Publisher version v. 15.0.0 1/12/2015 OS version Microsoft Windows NT 6.1.7601 Service Pack 1 Exception type: System.Runtime.InteropServices.COMException Stack trace: at Intergraph.GeoMedia.GDO.GDatabase.OpenRecordset(String Name, Object Type, Object options, Object SpatialOP, Object SpatialGeometryFilter, Object GeometryFieldName) at map2pdf.GeoMediaUtil.Annotations.GetPicklistInformation(Application objApplication) at GeoMediaCommand.GeoPDFExport.Activate() -----</p> <p>When testing with a simple (USSampleData.Counties) layout sheet, we see an error in goracle.log when attempting to access a picklist in a completely unrelated schema.</p>



1-9V4LF4	Properties of GeoPDF created by GM GeoPDF Publisher can't be edited	Customer needs to edit the properties of GeoPDFs which are created by GM GeoPDF Publisher and Distiller 11. The properties can't be edited because of security settings.
1-A34OB6	GeoMedia GeoPDF fails to produce output when GeoWorkspace contains GM Map Publisher legend entries	GeoMedia GeoPDF is unable to export a layered GeoPDF if there is a cartographic feature class edited using GeoMedia Map Publisher. The only way to export a layered PDF is to omit from the visible layers the features edited using GMMP.
IG-8318	When user selects Init Layers from Groups, layers are displayed out of order	In Layers command, the user may opt to initialize from display order, groups order, or manually create layers, groups, etc. as desired. Currently the layers are being added to the PDF in the user-specified order for specifying layer order as well as display order. However, the display order should be dictated by the display order given in the legend.

ABOUT US

Hexagon Geospatial helps you make sense of the dynamically changing world. We enable you to envision, experience and communicate geographic information. Our technology provides you the form to design, develop and deliver solutions that solve complex, real-world challenges. Ultimately, this is realized through our creative software products and platforms.

CUSTOMERS. Globally, a wide variety of organizations rely on our products daily including local, state and national mapping agencies, transportation departments, defense organizations, engineering and utility companies, and businesses serving agriculture and natural resource needs. Our portfolio enables these organizations to holistically understand change and make clear, reliable decisions.

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PARTNERS. As an organization, we are partner-focused, working alongside our channel to ensure we succeed together. We provide the right platforms, products, and support to our business partners so that they may successfully deliver sophisticated solutions for their customers. We recognize that we greatly extend our reach and influence by cultivating channel partner relationships both inside and outside of Hexagon.

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HEXAGON. Hexagon's solutions integrate sensors, software, domain knowledge and customer workflows into intelligent information ecosystems that deliver actionable information. They are used in a broad range of vital industries.

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