



RELEASE GUIDE

GEOMEDIA PDF 2018

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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 that allows you to create georegistered PDF files from the layout window of GeoMedia.

NEW PLATFORMS

GEOMEDIA DESKTOP 2018

GeoMedia PDF has been updated for compatibility with GeoMedia Desktop 2018.

LICENSING

Starting with the Power Portfolio 2018 release, licenses are no longer based on Certificate-file based technology. Instead, licenses are based on Activation IDs, allowing you to activate products without providing Host IDs or other hardware-related parameters. You can also re-host without emailing the licensing team for assistance. The Power Portfolio 2018 release also includes improved tools that make it easier to install licenses, set up license servers, and provide more professional error handling. Finally, the Power Portfolio 2018 release includes improved customer notification in the products, such as an "end of subscription" message in the Start-up screen. These more secure and automated processes, along with a new licensing portal, provide you with a better overall user experience.

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® 10, Professional and Enterprise (64-bit)
Software	<ul style="list-style-type: none"> GeoMedia Essentials, Advantage, or Professional 2018 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. 4K Ultra HD monitors are not currently supported.
Peripherals	<p>Software security (Geospatial Licensing) 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
24019	Layer and attribute definitions from GeoWorkspaces created using GeoMedia GeoPDF Publisher version 2015 and earlier are not recognized in GeoMedia PDF 2016	Layer and attribute definitions from GeoWorkspaces created using GeoMedia GeoPDF Publisher version 2015 and earlier are not recognized in GeoMedia PDF 2016.
IG-9108	English help appears on German systems	Clicking the Help button while running GM PDF on a German system displays topics in English.
IG-9045	Rigorous raster reprojection is not being performed	In GeoMedia PDF 16.0, rigorous raster reprojection from the coordinate system of the raster to the view coordinate system was performed if GeoMedia > File > Options > Map Display > Advanced image processing was checked, otherwise, non-rigorous reprojection based on the raster corner points was performed. In GeoMedia PDF 16.2, only non-rigorous reprojection was performed regardless of whether Advanced image processing was checked or not. In GeoMedia PDF 16.5, rigorous raster reprojection is now always performed regardless of whether Advanced image processing is checked.
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 angle of FSM or SVG is changed, or any raster indifferent angle (for example 0.1 degrees), all 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	<ol style="list-style-type: none"> 1. In the Map Window, select the Display Order legend, then GeoPDF > Layers. 2. Clear any existing Acrobat Layers, then right click and select "Initialize from Groups Tab", then OK, then Export. 3. Provide new output file name. 4. 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), symbols are missing 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> <ol style="list-style-type: none"> 1. Open a blank gws 2. Connect to the USSampleData.mdb warehouse 3. Add 3 legend entries: States, Cities, and Rivers 4. Modify the States style (activate the fill option and set the translucency to 25%). 5. 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 does not 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 occasionally works the first time it is attempted, but fails after that. 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 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	<p>GeoMedia GeoPDF is unable to export a layered GeoPDF if there is a cartographic feature class edited using GeoMedia Map Publisher.</p> <p>The only way to export a layered PDF is to omit from the visible layers the features edited using GMMP.</p>
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.



DEPRECATED

WINDOWS 8 SUPPORT

The Windows 8.0 and 8.1 operating systems are no longer supported.

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.

TECHNOLOGY. Our priority is to deliver products, platforms and solutions that make our customers successful. Hexagon Geospatial is focused on developing technology that displays and interprets information in a personalized, meaningful way. We enable you to transform location-based content into dynamic and useable business information that creatively conveys the answers you need.

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.

TEAM. As an employer, we recognize that the success of our business is the result of our highly motivated and collaborative staff. At Hexagon Geospatial, we celebrate a diverse set of people and talents, and we respect people for who they are and the wealth of knowledge they bring to the table. We retain talent by fostering individual development and ensuring frequent opportunities to learn and grow.

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.

Hexagon (Nasdaq Stockholm: HEXA B) has more than 18,000 employees in 50 countries and net sales of approximately 3.3bn USD. Learn more at hexagon.com and follow us @HexagonAB.



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