RELEASE GUIDE
GEOMEDIA DESKTOP

16.1

Contents

ABOUT THIS RELEASE

This document describes the enhancements for GeoMedia. 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 enhancements, see the New Technology section. For information on fixes that were made to GeoMedia 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 for more information.

The scope of this document is the GeoMedia Desktop (GeoMedia Essentials, GeoMedia Advantage, GeoMedia Professional) as well as GeoMedia Viewer and GeoMedia Objects.

GEOMEDIA PRODUCT TIERS

GeoMedia® is a flexible and dynamic GIS package for creating, updating, managing and analyzing your valuable geospatial information. Generate and update vector layers. Perform dynamic spatial analysis and generate reports. Automatically create and update maps. Manage data and map production more efficiently. GeoMedia is available in three product tiers, Essentials, Advantage, and Professional.

GeoMedia Essentials enables you to query and analyse a wide variety of geospatial data sources. It also includes ERDAS IMAGINE Essentials, giving you the ability to do simple image preparation.

GeoMedia Advantage has all the functionality of GeoMedia Essentials and is excellent for data collection and editing, processing and analyzing elevation and terrain data including LiDAR. It also includes data validation and sophisticated raster analysis tools.

GeoMedia Professional includes all of the features of the previous tiers and provides enterprise-wide, multi-user data management and analysis. Manage linear networks, produce professional cartographic maps, conduct advanced feature editing, manage parcel holdings, conduct utility network analysis, monitor and control changes, integrate data from multiple sources, and assure overall data quality with GeoMedia Professional.

NEW PLATFORMS

DATABASES

DATABASE UTILITIES
The utility Database Utilities now supports Oracle 12.2 through use of the Oracle OLEDB provider.

IMPACTS

COMPATIBILITY

ERDAS IMAGINE INSTALLATION ORDER

If ERDAS IMAGINE 16.1 or earlier is installed after GeoMedia Desktop 16.1, the GeoMedia installation is compromised and will not run properly. To correct or avoid the issue, choose your situation, and follow one of these instructions.

- Install ERDAS IMAGINE first and then GeoMedia 16.1.

- If you already installed GeoMedia 16.1 and then installed ERDAS IMAGINEx, run the GeoMedia setup again, this time selecting the "Modify, repair, or remove" option. When prompted, select "Repair".

EXPRESSIONS

HANDLING OF NULL VALUES IN THE NOT BETWEEN OPERATOR

In the functional attribute system and when querying a feature cache, the NOT BETWEEN operator has been fixed to properly handle the NULL value case. Specifically, when BETWEEN evaluates to NULL, NOT BETWEEN also now evaluates to NULL rather than TRUE, so that "A NOT BETWEEN B AND C" now returns the same answer as "NOT(A BETWEEN B AND C)". This may impact query results for the Functional Attribute, Analytical Merge, and Aggregation commands; as well as attribute-based map displays and map tooltip definitions that involve expressions.

BOOLEAN EXPRESSIONS WITH ATTRIBUTE-BASED SYMBOLOGY

When an expression is evaluated in the context of the map display system (e.g. in an attribute-based definition for a style property), and that expression yields a Boolean data type with a NULL value, then that NULL value is now returned as expected. This is important because some Boolean style properties (e.g. Displayable) are defined as "if missing, then true". If the expression were to return a value of FALSE rather than NULL, then a NULL value cannot be received by the style property.

However when such an expression is evaluated in any other context (e.g. in the computation of a functional attribute), then the NULL value is converted to FALSE in order to simulate previous behaviour and minimize impact.

Techniques that may be used for accommodating the new 16.0 behavior include:

- Use the ISNULL(value, valueIfNull) function. This returns "value" if it is not NULL, and "valueIfNull" if it is NULL.

- Use the "value IS NULL" operator to test whether "value" is or is not NULL. This operator returns only TRUE or FALSE.

This change was introduced with GeoMedia Desktop 16.0 but was not documented until now.

FUTURE IMPACTS
None.

NEW TECHNOLOGY

GENERAL

INVOKECOMMAND METHOD
Invoke the Select Tool command through API

The method InvokeCommand on the Application object now supports invocation of the Select Tool command.

FEATURE CACHING

LOGGING
More easily diagnose behaviour of the feature caching system

An optional log file may be created, and if present the feature caching system will provide diagnostic information about whether and how caches are being used at runtime.

IMPROVED PERFORMANCE
Get even faster performance from your feature cache

IFC files that are created with GeoMedia Desktop 16.1 are organized for even better performance, especially for cases of very large files accessed over a network share. Previously published feature cache files remain compatible, but performance will improve if the files are newly published.
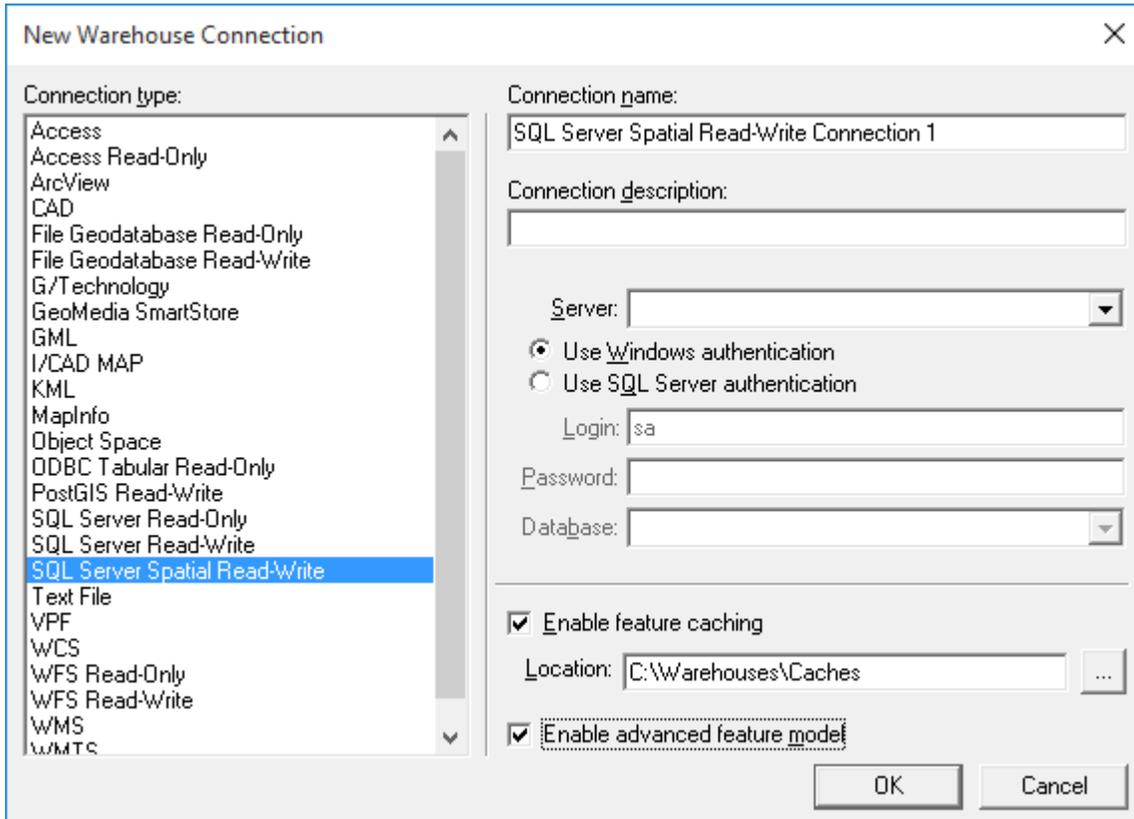
COMPATIBILITY WITH ADVANCED FEATURE MODEL
Combine cache-based high performance with advanced feature modeling

On the New Warehouse Connection command as well as the Properties dialog of the Warehouse Connections command, the "Enable advanced feature model" and "Enable feature caching" checkboxes are no longer mutually

exclusive. The performance improvements that come with feature caching are now available for AFM-configured warehouses as well.

DATA ACCESS

POSTGIS DATA SERVER
Experience improvements to the PostGIS data server

The PostGIS data server now better supports multi-table read-write views of various kinds, and supports queries against the picklist table.

The PostGIS data server now filters out feature classes which have table and field names containing uppercase characters. Such characters require special syntax in SQL and are not supported within GeoMedia.

WMS DATA SERVER
More easily connect to certain WMS sites

The WMS data server now automatically recognizes and handles certain Coordinate Reference Systems as being defined with swapped axes (e.g. Y-X rather than X-Y). It is no longer necessary to add a .ini file entry to convey the need to swap axes, in most such cases. The .ini file entry is still available for cases in which the software misinterprets the CRS, or in which the WMS site results don't match the CRS.

WMTS DATA SERVER
More easily connect to certain WMTS sites

The WMTS data server now automatically recognizes and handles certain Coordinate Reference Systems as being defined with swapped axes (e.g. Y-X rather than X-Y). In addition, an .ini file entry is now available for cases in which the software misinterprets the CRS, or in which the WMTS site results don't match the CRS.

ADVANCED FEATURE MODEL

AFMCONVERTSERVICE
Convert your non-AFM warehouse to being AFM-ready via API

AFMConvertService is a new component that provides the ability through API to convert a standard non-AFM warehouse to a warehouse configured for the Advanced Feature Model. This capability was previously available only through GUI.

COMPATIBILITY WITH FEATURE CACHING
Combine cache-based high performance with advanced feature modeling

On the New Warehouse Connection command as well as the Properties dialog of the Warehouse Connections command, the "Enable advanced feature model" and "Enable feature caching" checkboxes are no longer mutually exclusive. The performance improvements that come with feature caching are now available for AFM-configured warehouses as well.

ANALYSIS

SPATIAL INTERSECTION COMMAND AND SPATIALINTERSECTIONPIPE
Perpetuate key definitions from input features to output features

SpatialIntersectionPipe and the Spatial Intersection command that uses it, now transmit the individual key definitions of the incoming recordsets into the output query as a composite key.

DATA OUTPUT

OUTPUTTOTABLESERVICE
Disable transactions when writing features to a read-write warehouse

OutputToTableService now provides a .DisableTransactions property which, when set to True, causes the object to avoid all BeginTrans, CommitTrans, and Rollback operations. Control of transactions is left completely to the calling application.

SPATIAL MODELING

RUN SPATIAL MODEL COMMAND
Run spatial models within the GeoMedia desktop

This new command integrates spatial models into GeoMedia. It allows the user to select a model (.gmdx file) created through the Spatial Model Editor utility; fill in any parameters in the model dynamically, especially features input to the model from the GeoWorkspace; and then see the various results from the model added to the map within the GeoWorkspace.
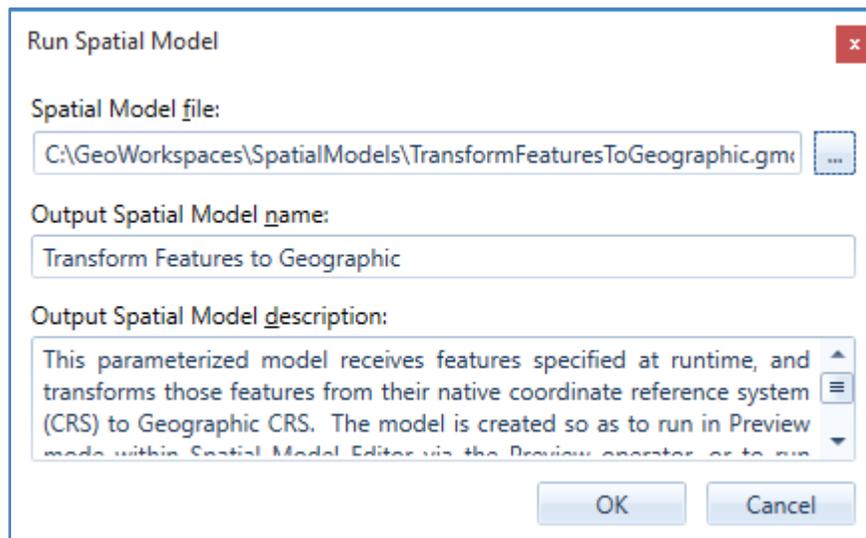
EXPLORER WINDOW
Manage spatial models within the GeoMedia environment

A new "Spatial Models" entry in the Explorer window lets you easily see what spatial models have been run within the GeoWorkspace, and to manage them by rerunning them, changing their names and other properties, and deleting them. You can also see the various results of the run, and display them in a map or data window.
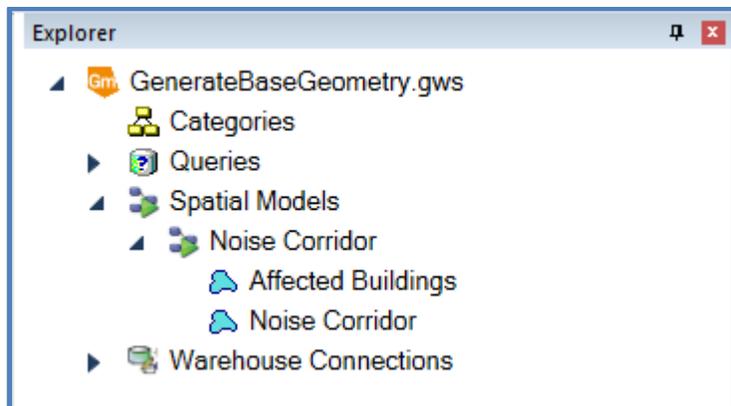
SUPPORT FOR SPATIAL MODEL RESULTS IN COMMANDS
Directly select spatial model results as input to various GeoMedia commands

Many commands in GeoMedia which present features for selection through a feature treeview control, now support the selection of spatial model results in addition to feature classes, queries, categories, and the like. In such

cases, a new "Spatial Models" branch appears in the tree, with each spatial model in the GeoWorkspace visible beneath it. Expand a model and then select the various results for processing.
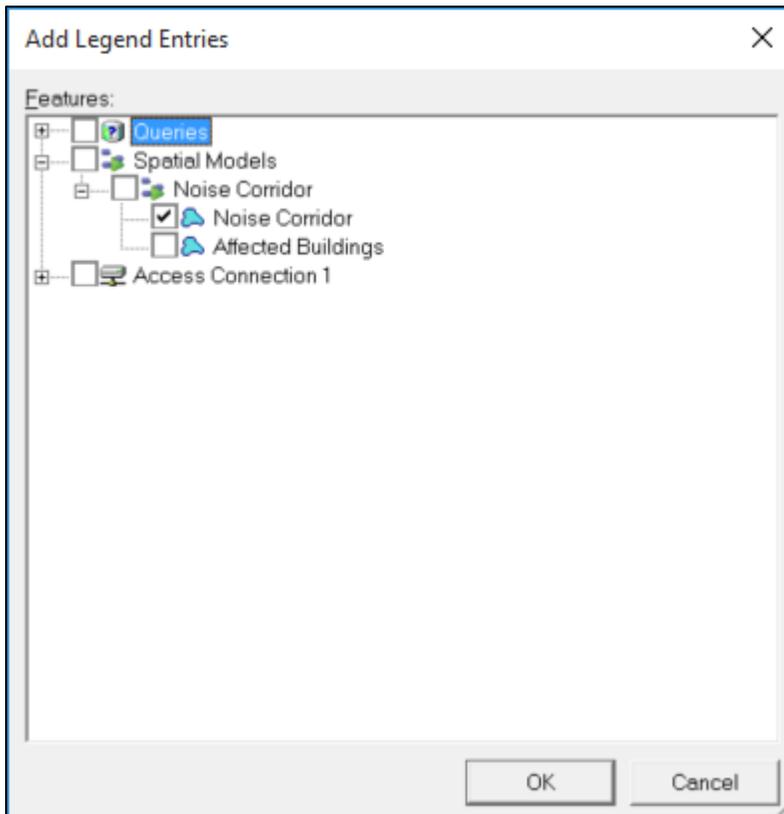
Commands which support selection of spatial model results include: Add Legend Entries, Add Thematic Legend Entry, New Data Window, Change Data Window Contents, Output to Feature Classes, Attribute Query, Attribute Selection, Join, Union, Spatial Query, Spatial Intersection, Spatial Difference, Buffer Zone, Analytical Merge, Aggregation, and Functional Attributes.

To use spatial model results within commands that do not yet support them directly, output the results to a feature class via Output to Feature Classes, or build a query on the results via Attribute Query that passes through all of the features.

SAMPLE SPATIAL MODELS
Reference sample models to learn how to build your own

The default spatial models folder (C:\GeoWorkspaces\SpatialModels) now contains sample models that demonstrate use of certain operators and demonstrate how to construct a model properly for use with the Run Spatial Model command.

SPATIAL MODEL EDITOR
Take advantage of the latest version of Spatial Model Editor

This utility has been upgraded to the latest version released with ERDAS IMAGINE 16.1.

UTILITIES

DATABASE UTILITIES
Experience improvements to PostGIS data server support

We've improved the PostGIS capabilities within Database Utilities, as well as changed the definition of the GFeatures view to filter out feature classes which have table and field names containing uppercase characters. Such characters require special syntax in SQL and are not supported within GeoMedia.

SYSTEM REQUIREMENTS

Computer/ Processor	• 32-bit: 2GHz microprocessor, Intel® Pentium® 4 HT, Core™ Duo, Xeon • 64-bit: Intel 64 (EM64T), AMD 64, or equivalent (recommended)
Memory (RAM)	• 4 GB minimum, 8 GB recommended
Disk Space	• 10 GB for software • Data storage requirements vary by mapping project[1]
Peripherals	Software security (Intergraph Licensing 11.11.1) requires the following: • Ethernet card
Operating Systems[2]	• Windows® 7 SP1 or higher, Professional and Ultimate (32-bit and 64-bit)[2] • Windows® 8 (Standard), Professional and Enterprise (32-bit and 64-bit)[2] • Windows® 8.1 (Standard), Professional and Enterprise (32-bit and 64-bit)[2] • Windows® 10.0 (Standard), Professional and Enterprise (32-bit and 64-bit)[2] • Windows Server® 2008 R2 SP1 (64-bit)[3] • Windows Server 2012 R2 (64-bit)[3]
Virtual Server and Virtual App Technology	• VMware ESX 5.1 • Oracle VM Virtual Box • XenApp 7.6

	• Remote App (MS 2012 R2)
Database Server Engines	• Oracle® Server 11g, 32-bit and 64-bit, at least version 11.2.0.3
	• Oracle Express 11g, at least version 11.2.0.3
	• Oracle® Server 12.1, 64-bit
	• SQL Server® 2012, 64-bit
	• SQL Server Express 2012
	• SQL Server 2014, 64-bit
	• SQL Server 2014 Express
	• PostgreSQL 9.3 with PostGIS 2.1
	• PostgreSQL 9.4 with PostGIS 2.2
Database Client Engines	• Oracle Client 11g, 32-bit[4]
	• Oracle Client 12.1, 32-bit[4]
	• SQL Server Native Client 10.0 or higher[5]

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] Windows 7 32-bit, Windows 8 32-bit, Windows 8.1 32-bit and Windows 10 32-bit are considered viable platforms. Viable platforms are not an explicit requirement and have not been tested as a standard scenario in Hexagon Geospatial's Development and Quality Assurance cycles. However, the technology is similar to one of the supported platforms that compatibility is practical. Although we expect our applications to be compatible with viable platforms, we cannot guarantee contractual performance or high availability requirements.

[3] GeoMedia runs on 64-bit systems in 32-bit emulation mode.

[4] Oracle Data Access Components (ODAC) is required if using the Feature Accessor option for Oracle in the PublishIFC utility, or if using the Database Utilities utility to manage an Oracle warehouse. ODAC is normally delivered by the Oracle Client Administrator installer, but not by the Oracle InstantClient installer. ODAC contains many components, of which PublishIFC requires the Oracle Data Provider for .NET, and Database Utilities requires the Oracle Provider for OLEDB.

[5] The SQL Server Native Client 10.0 or higher is needed in order for the Database Utilities utility to automatically create the correct GeoMedia metadata for date, time, and datetime2 data types when using a SQL Server or SQL Server Spatial warehouse. You may get SQL Server Native Client 10.0 or higher from the corresponding Microsoft websites. If the SQL Server Native Client is not installed on the system, you will need to manually choose Date as

the data type from the dropdown combo box for these data types in the Feature Class Properties dialog and set the format properly.

ISSUES RESOLVED

CR #	Summary	Description / How to Reproduce
86726_GM	Intersection does not work with offset temporary construction lines.	Using offset when digitizing with the Intersection snap enabled does not work with the construction lines displayed for the offset. Steps to reproduce. 1. Open the IntersectionSnap.gws and correct the path to the City.mdb. 2. Insert a county_street feature using an offset of 500 and select mutiple creek features to display the construction lines. 3. Start digitizing and select an intersection of the construction lines and see how the Intersection snap glyph does not appear or work.
1-LJ3K3P	Error in GWM CreateLegendEntryGraphic due to an issue in the Oracle Dataserver.	With further investigation of WebMap Issue, CR 1-LFPXCQ, by Development, it has been determined that the problem in WebMap is caused by an issue in the Oracle Dataserver.
1-LI3G2M	GeoMedia application may hang when using Properties on Windows 8.1 or Windows 10.	The properties control may hang GeoMedia on certain operating systems. It has been observed that on Windows 8.1 and Windows 10, that when interacting with other applications, if the user clicks on the Cancel option on the Properties dialog then the application may hang. Specifically, the application hangs if the control does not have focus (top highlighted in blue) when the Cancel option is selected. Workflow (Windows 10): 1. Start the GeoMedia application, with features displayed in map window (USSampledata.gws for example). 2. Start a secondary application such as Process Monitor. 3. In GeoMedia Map Window, double-click graphic feature to invoke Properties dialog. 4. Click on the secondary application to make it active (leaving Properties dialog open in GM). 5. Click the Close option on the Properties control (without giving focus to control).
1-QNNZK5	For GM Map Publisher, the queued edit Map Window is not displaying Generalize Results correctly.	GeoMedia Desktop 16.00.0000.01405 and GeoMedia Map Publisher 16.00.0000.00012 There is an issue with the displayed results appearing in the Queued Edit Map Window, specifically:

		1. The original geometry is not displaying in the Queued Edit Map Window. 2. The CDRGeometry (conflict reference geometry) is not displayed in the Queued Edit Map Window. 3. The conflict geometry and original geometry are not appearing as dashes.
1-QRXT3F	CAD data server fails to serve TextPointGeometry for AutoCAD TAGs (block attributes).	A SR was filed asking for assistance in serving the Text geometry that is associated with TAGS from an AutoCAD Block (as is displayed in AutoCAD itself). However based on testing thus far this doesn't appear to be possible despite the fact that the 'AutoCAD Scanner Design Specification' document indicates that the TAG type should be mapped to TextPointGeometry. Specifically the Native-to-GDO Geometry Type Mapping table in the 'AutoCAD Scanner Design Specification' document shows the Native Geometry Type of 'TAG' (described as "Attributes that are attached to block entities in the drawing file.") mapped to the GDO Geometry Type of 'TextPointGeometry'. However attempts to serve the TAG attributes from the customer provided dwg file as text results in 0 geometries for the TextGeometry legend entry.
1-JP60JI	Copy Parallel > Snap to point doesn't place line on point.	Copy Parallel > Snap to point doesn't place line on point. Try to copy an Interstate through a city out of USSample Data set. 1. Start Copy Parallel 2. Identify Interstate for Copy Parallel 3. Snap on City point to copy parallel The snap won't be accepted. The Interstate is not copied parallel through the citypoint, instead it is copied in the vicinity.
1-MJA88J	OpenRecordset with gdbOpenSnapshot and spatial filter results in an empty recordset for PostGIS GDO.	Opening a recordset with a combination of gdbOpenSnapshot type and any valid spatial filter results in an empty recordset being returned. Attached is a sample .NET application demonstrating the issue.
1-D0B8O8	Select set problems when join displayed.	When a Join is displayed, the user may notice incorrect select set display in the map window while interacting with corresponding data view. The problem seems to be display only but can be confusing. It does not occur in version 6.1 but is latent to 2014. For example, the user might have the following entries on the legend: • States • Join of States and Counties The user may select the record for Arizona in a States data table, but both Arizona and Utah will be selected in the map view.

1-L7FF1D	Shared cache appears to be slower than Exclusive cache due to query parsing.	Customer has created Oracle trace files that they believe indicates that the Net (Shared) caching is slower than Local (Exclusive) caching due to parsing of query statments for indexes, views, and tables. The trace files created by the customer are included in the attached zip file and TKPROF file. The problem description provided by the region as taken from the SR is shown below. We have received a TKPROF file (GM_startup_prod.tkp) from the customer made for the startup of a workspace (which looks directly in Oracle view), where they note that a lot of time is spent on parsing statements that query for indexes for the various views and tables. It accounts for a significant amount of the total startup time. If you look at the summary for non-recursive statement at the bottom of the TKPROF file you can see that almost 24 seconds are spent parsing. Would it be possible to reduce time spent parsing by using bind variables?
1-QJA89D	Reverse Direction does not work on a secondary geometry, it reverses the unselected primary geometry.	Secondary geometries are not reversed when using the Reverse Direction command from the Vector tab or when using the Reverse command from the Geometry Information context menu. Here is the workflow to reproduce the problem: 1. Extract the attached ReverseGeometry.zip file and then open the ReverseGeometry.gws that has an Access connection to the ReverseGeometry.mdb file. a. When the .gws is opened, note that the legend contains two entries for the feature class named LineFeature and its associated secondary geometry named 'Geometry2 of LineFeature'. The primary geometry for the feature class is displayed in red and the secondary geometry in blue. Additionally a style is applied with an arrow symbol indicating the direction of each geometry. 2. Use the cursor to click on one of the secondary geometries in the map window (i.e. the red geometry). Note that only the secondary geometry is shown in the select color (e.g. green highlight). 3. Now choose the Reverse Direction command from Vector > Edit on the ribbon bar. This will result in the reversal of the primary geometry even though it was not selected, while the secondary geometry which was selected remains unchanged. This is apparent because the arrows for the blue primary geometry style are reversed, but the arrows for the red secondary geometry are still pointing in the original direction. 2. 4. This same behavior is observed with the Reverse command when accessed via Geometry Information. For instance select the red secondary geometry, then choose the Geometry Information command and right click on the 'PolylineGeometry' node, then choose Reverse from the displayed context menu. As before, the primary geometry will be reversed, but the selected secondary geometry will remain "as is".
1-LRSMRH	Ghost circles rendered in display when create thematic of polygons containing arcs (Regression).	Creation of a thematic mapping with color fill of polygon geometries containing small arc geometry components may result in color filled circles appearing in both map and layout window displays; the circles change in distribution and size depending on zoom scale. The problem is not seen in version 2015.

See attachments for screen shot showing comparison between version 2015 and 2016. If the arcs are removed from the polygon geometries, the problem does not occur in version 2016.

Workflow using data provided in Attachments:

1. Extract contents of .zip

2. Use GeoMedia 2016 to open Version2016_Access.gws, correcting path to source warehouse.

3. Observe small circles in the map display that change with changes in the display scale.

If review Geometry Information for some of the polygons, you can see that the geometry has arc components; The geometry seems to pass standard Toolbox > Validate Geometry checks (no problems are found).

If the arcs are removed the problem does not occur.

1-M17EFA	Unable to display (.ecw) WMTS layers that can be displayed successfully in other applications.	Unable to display (.ecw) layers from ERDAS Apollo WMTS service that can be displayed successfully in other applications. The GeoMedia WMTS data server is unable to display certain layers from the ERDAS Apollo Essentials WMTS service. The same layers can be displayed successfully in other clients using the same coordinate system (either EPSG:4326 or EPSG:3857). The layers from the service that fail to display in GeoMedia (but display in the other clients) are 'sandiego3i_ecw' and 'bucuresti_ecw'. To reproduce the problem, use the steps below. 1. Start GeoMedia and make a new WMTS connection.: 2. Use Add Legend Entries to add 'sandiego3i_ecw' to the legend. A legend entry will be created with geometry statistics showing one instance. 3. If you fit the view and click the map window you can see the layer footprint highlighted, but there is no image/tiles displayed within the footprint. The coordinate system used in all of the clients was the same (EPSG:4326). * Note that the 'sandiego3i_jp2' and ''sandiego3i_otdf' layers from the same service can be displayed successfully in GeoMedia . These layers appear to be the same as the 'sandiego3i_ecw' with presumably a different format for the source imagery (i.e. JPEG 2000 and OTDF respectively). This means that the problem appears to be specific the ECW format.
1-M8DCID	WMTS data server requests/displays data in wrong coordinate system (other clients work correctly).	The GeoMedia WMTS data server serves the 'MAPA TOPOGRAFICZNA' feature class from the WMTS service with the wrong coordinate system. Specifically the GetTile requests uses the EPSG:4326 TileMatrixSet instead of the default EPSG:2180 TileMatrixSet. The EPSG:2180 TileMatrixSet appears to be the default since it is the first listed in the GetCapabilities document and GeoMedia will even show that the coordinate system assigned to the 'MAPA TOPOGRAFICZNA' feature class is EPSG:2180 after it is served using the WMTS data server.

		There appears to be a disconnect between the metadata in that Feature Class Definition indicates that the coordinate system is EPSG:2180 and the actual feature class served which seems to be EPSG:4326. This problem results in an incomplete display of 'MAPA TOPOGRAFICZNA' feature class in the Map Window and the portion of the data that is visible is warped presumably due to the coordinate system transformation from EPSG:4326 to EPSG:2180. The same problem exists even if you use a Warehouse Configuration File (.ini) for the WMTS connection with the following entry defining the default TileMatrixSet as EPSG:2180. [TileMatrixSet for Feature Classes] Default=EPSG:2180
1-ANAB3S	Layout > Print/Plot > Background image prints black (Images with more than 3 bands).	Customer has 6" resolution imagery. These are uncompressed 4 band (32bit) untiled TIFF (tested with and without overviews) for their service area. They report that the images appear solid black when trying to output a layout to .pdf or other printing device. Data attached. Open provided GWS, connect to USSampleData or a blank Access connection. Insert the two Geotiffs. Print to PDF (Used PDF995 locally) and outputs are black for the images. Also tested with Adobe Acrobat 10 and the local hard copy devices. Workaround is to give the image feature class (or any feature class displayed on legend) a 1% translucency. The image plots, looks great. This is not specific to TIFF images, seen with JFIF and other formats as well. Development informs me that this is a problem common to all 4-sample-per-pixel data.
1-M2V06J	Errors occur with multiple commands when using PostGIS table names containing upper case characters.	The PostGIS data server in GeoMedia 2016 does not correctly handle feature class/table names that contain uppercase letters, resulting in errors. This issue was reported by a customer who states that the open source PostGIS data server that could be used with GeoMedia 2015 did not have this problem.
1-95FGMS	Layout - Text Placement and Text Properties > Support for OpenType (.otf) fonts is missing.	There is a failure when displaying OpenType fonts in GeoMedia 2013. Support replicated failure on both GeoMedia 6.2 and Geomedia 2014. In versions of GeoMedia prior to 6.1 (5.2, 6.0), this .otf font was available in the drop down list for text placement in the Layout Window, and the text was displayed with the proper font. But starting in the 6.1 version, the fonts does not show up in the drop down list - they are not available for placing new text in the layout window. In versions since 5.2 (5.2, 6.0, 6.1, 2013, 2014) right click on selected layout text and then 'Properties' shows the text properties dialog. In the sample .gws provided, note that the customer's font is the StencilStd.otf, and that it displays with bright green color, indicating a non-supported font.. Also note that newly placed text in a new, blank .gws can also be given the StencilStd.otf font, but that the layout window does not display the text with this font properly - text apears bright green. Thus there are two parts to this CR-D. One is a regression from 6.0 GeoMedia to later versions – you can no longer place or display layout text with .otf fonts. The

		second part is that if the regression was an intentional change in the product, one should not be able to select .otf font from the layout Text Properties dialog. Poth parts are resolved if we restore the previous functionality, placement and display of layout text with OpenType fonts.
1-SMHSUB	Originating Pipe recordset open/reopen spams registry for GDO configuration.	Opening a recordset through an originating pipe will cause it to check the registry for CacheEnabled setting for the specific connection type. However, this is accomplished by instantiating a whole new GDOServerRegEntries object that enumerates the whole HKLM\Software\Wow6432Node\GDO registry subkey and parses values therein. The function using the GDOServerRegEntries is: GMConnection::GetCacheFileName, which it does even if the given connection is created without explicitly enabling caching. This causes a registry contention in an environment when multiple concurrent GDO requests are being served, like in a WebMap installation.
1-LUTZ6G	Using WMTS data server hangs GeoMedia forcing the GeoMedia process to be killed with Task Manager.	Use of the WMTS data server results in GeoMedia hanging (where there is no response to any mouse click), thus forcing the GeoMedia process to be killed via Task Manager. This hang is sometimes preceded by what is presumably a Microsoft Windows dialog with the title 'Server Busy' and the message "This action cannot be completed because the other program is busy. Choose 'Switch To' activate the busy program and correct the problem." On my Windows 7 machine if I click the 'Switch To' button the Start Menu is displayed and it appears that the GeoMedia application is still the active program. I was unable to reproduce a case where the 'Server Busy' error occurs consistently, although the issue has been observed with multiple WMTS services. However I did find a simple workflow that appears to consistently result in GeoMedia hanging. This problem seems to occur most often when using the Zoom In command or the Pan command while WMTS layers are displayed in the Map Window while already zoomed into the data set. Here are the steps to reproduce the problem. 1. Open the provided 'WMTS_Kademo2.gws' which has a single WMTS connection to the service used. There are six layers present in this WMTS and all of the layers are added to the legend and displayed in the Map Window. The Display Scale for the Map Window is set to 1:2500. 2. Select the 'Zoom In' command and at the prompt "Click to zoom or press and drag", place a single data point in the center of Map Window to perform a zoom. After the data point is placed, the Map Window display starts to update and the 'Processing window update…' message is displayed in the message strip. However, the update of the display never completes and the wait cursor remains displayed indefinitely. If you click the ESC key to cancel the update the wait cursor will disappear and the 'Processing window update…' message will be removed, but GeoMedia is now in a completely unresponsive state, so the only recourse is to kill the GeoMedia process. * To reproduce this issue a second time you may need to remove the temp files from your user temp folder (i.e. %TEMP%).
1-LTZTTN	Some WMTS services are not displayed.	The WMTS servvices of our customer published by ERDAS APOLLO Ess+SDI are not dispalyed correctly in the GM. The capabilities document is loaded, but no other picture ("data") is loaded into the map winddow. Only blank frame is displayed in the

		GM. It should use EPSG:5514. The capabilities document containes czech diacritic letters and more tilematrixset.
1-LR7ZLA	Update Attributes - geometry functions fail to update.	Any functional expression that updates geometry fails with errors. Example workflow: Attempting to use Update Attributes to compress a geometry fails in version 2016. Using a standard COMPRESS(Input.Geometry) to update an area geometry field in 2016 fails with the following message: --------------------------- GeoMedia Desktop Update Attributes was unable to update all features. Please refer to log file C:\Warehouses\\States.txt for details. --------------------------- Review of the text file shows the following error for each record processed: "could not be updated. Data type conversion error" Workflow: 1. Open USSampleData.gws 2. Vector > Update > Update Attributes 3. Select States, click in Geometry field and select Expression. 4. Build expression for COMPRESS(Input.Geometry) then add the expression. 5. Click OK to run the update. Observe the error messages.
1-SD94Q1	GeometryStorageService fails to transform PolygonGeometry when run inprocess from .NET.	A working sample of PolygonGeometry construction and transforming to storage blob by the means of GeometryStorageService usage was working up to the newest 15.0 release of GeoMedia. When the same application is recompiled in a 16.0 environment it fails when all the objects (PolygonGeometry, point and GeometryStorageService) are created inprocess of a .NET application. It does not fail when run from inside a native COM process like the MapSvr.exe of GeoMedia WebMap.
1-TEDR0Q	Attribute Based Style not correctly evaluated/displayed in GeoMedia 2016.	A customer has a data set that makes extensive use of Attribute Based Styles that displays correctly (i.e. as expected based on the ABS expressions) in GeoMedia 2015, but when the same .gws is opened in GeoMedia 2016 the styles rendered are incorrect. In other words the styles do not appear the same in GeoMedia 2016 as they do in GeoMedia 2015. One of the issues involves the use of a nested IF expression to assign Color or Override Color based on the values of One (or Two) attributes.

1-THBCC0	Attribute Based Style is incorrectly displayed in GeoMedia 2016.	A customer that uses ABS extensively filed a SR stating that the display of the styles in their GeoWorkspace was significantly different when the .gws was opened in GeoMedia 2016 as compared to the same .gws in GeoMedia 2015. Upon investigation there appear to be multiple issues with the evaluation of Attribute Based expressions This CR is filed for an issue with the expressions used by the customer on the CharacterString property as a means to specify which of several available Font Styles from a Point Style Collection should be displayed for a particular feature instance.
1-LRSQEP	Functional nested IF statement returns incorrect results when evaluating null values.	User-provided functional expression that works to return valid values for all records in 2015, fails to return valid values for some records in 2016. The user is using a nested IF statement.
1-SLIP4P	Memory leak apparent in the PostGIS GDO.	There seems to be a memory leak caused by the PostGISRW.GDatabase object while opening consecutive recordsets from the same connection. This is apparent in the WebMap workflows during stress testing.
1-SBLPA3	GeoMedia / Webmap memory error in GML dataserver.	There is a memory problem in GeoMedia Pro / WebMap Pro when using GML dataserver. We do have a production system based on GeoMedia / Webmap 2014 with latest patch (14EP08). However the same problem was identified in GMPro15 and GMPro16 during our tests. Workflow in GMPro: 1. Open GMPro. The GeoMedia application process memory usage is ~ 50.MB. 2. Create new warehouse connection –using a GML type The GeoMedia application process memory usage is ~ 250.MB 3. Add EGB_PktGraniczny_copy feature class to the map window. The GeoMedia application process memory usage is ~ 265.MB 4. Remove legend entries from the legend. 5. Close and delete the GML connection. GeoMedia application process memory usage remains the same ~ 250.MB. When using Webmap on our Customers production system we do have a lot of big GMLs that need to be imported to continuous Oracle database. We suffer OutOfMemory exceptions and HResult exceptions because of this error described above. To compare, do the same workflow with Access warehouse type using USSampleData. You will notice that the memory is being released after closing and deleting connection.
1-L4T7SQ	Features from spatially filtered GML connection fail to display when GeoWorkspace is re-opened.	When a GeoWorkspace with a connection to the customer provided GML file has a spatial filter applied, the features from GML connection will be filtered as expected and the legend statistics will be displayed appropriately. However if that GeoWorkspace is then saved with the spatial filter in place and then reopened the features from the GML connection that were filtered will be missing from the Map

		Window and the legend statistics will show a value of '0' for the corresponding legend entries.
1-S0AO0B	GeoMedia performance problem: Oracle LTT 12c fails to use bind variables for select from all_indexes.	User testing of GeoMedia version 2015, has noted a potential performance issue while working with Oracle 12c using GeoMedia Oracle LTT data server. It has been proposed that the performance is due to GeoMedia's failure to use bind variables when the GeoMedia Oracle LTT data server issues queries such as SELECT FROM ALL_INDEXES.

1-CAJXWS	Event AfterUpdate(vbCanceled, objGFeature) - objGFeature is not initialized after first insert.	This code in VB .NET (AfterUpdate Event):
		
		Private Sub Fnc_AfterUpdate(ByVal vbCanceled As Boolean, ByVal objFeature As PAFM.GFeature) Handles currentFeatureClassEvent.AfterUpdateHandler
		
		  Try
		
		    MsgBox("State: " + objFeature.State.ToString())
		
		  Catch ex As Exception
		
		    MsgBox(ex.Message)
		
		  End Try
		
		End Sub
		
		Return exception after insert first feature in GM2015:
		
		Feature must by initialized with either Bookmark or KeyAttributeValues
		
		Notes - GM 2015:
		
		objFeature is not filled with right attributes of new added Feature, witch exist in this moment in DB
		
		next insert of the same feature is OK
		
		Note: GM2013 - 14: there is error too, but calling objFeature.State in if-then statement in AfterUpdate event filled objFeature with right attributes

1-QR3T93	After upgrade to GeoMedia 2016 cannot open a number of Geomedia 2014 created GeoWorkspaces.	A customer filed a SR reporting that several of their GeoWorkspaces that were created with GeoMedia 2014 cannot be opened successfully in GeoMedia 2016 (i.e. a 'Failed to open document' message is displayed when an attempt is made to open the .gws in 2016.) The customer provided a sample GeoWorkspace that exhibits this problem named 'StandardMapsBase_Mary.gws'. I was able to confirm that the 'StandardMapsBase_Mary.gws' can be opened successfully using GeoMedia 14.00.0002.00098, but when the same .gws is opened in GeoMedia 16.00.0000.1405 a 'Failed to open document' message is displayed. When attempting to open the .gws in GeoMedia 2016 a number of the map windows are loaded prior to the 'Failed to open document' message, but as soon as the message dialog is dismissed with the OK button the .gws is closed. This behavior is somewhat different than typical 'Failed to open document' situation (since the .gws did appear to try to load the map windows). So this led to the

conclusion that there might be one or more objects in one of the eleven different map windows that was causing the error.

After some investigation I discovered that the issue appears to be caused by one specific legend entry. Specifically a unique value thematic entry named 'Route Shield County Scale' in the Map Window named 'ESZs'. If the 'Route Shield County Scale' legend entry from this map window is deleted from the .gws while it is open in GeoMedia 2014 and then the .gws is saved without that legend entry, the .gws can then be opened successfully in GeoMedia 2016. An example of the .gws with the legend entry removed (that will open in 2016) is included in the Attachments tab with the name 'StandardMapsBase_No_RouteShieldCountyScale.gws'.

1-T4DNWD	Desktop 2015 GeoWorkspace cannot be opened on Desktop 2016.	Customer reports, support duplicates a problem where a .gws created with vanilla GMDesktop 2015 cannot be opened in vanilla GMDesktop 2016. Workflow to reproduce: • Copy attachment 'Tom.gwt' to GMDesktop 2015 templates folder "C:\Program Files (x86)\Hexagon\GeoMedia Professional\Templates\GeoWorkspaces". Start GMDesktop, new .gws, select 'tom.gwt' as the template. At this point I made an Access connection to USSampleData.mdb and added a few legend entries. Exit and save the .gws. • On a GMDesktop 2016 system, open the saved .gws. Error appears. • Attachment 'joe_15.gws' was created using this workflow and will not open on my GMDesktop 2016 system. Creating a new .gws on 2016 using this same template doesn't cause a problem.
1-S3NVRQ	2016 G/Tech Interface features not loading Style Index. Regression from G/Tech Interface 2015.	Using GeoMedia 2016 the StyleIndex for some Features imported with the G/Techinterface are not generated. This results in the displayed Style in the Map to be incorrect. GeoMedia 2015 generates the StyleIndex.
1-SDCP7C	New GeoWorkSpaces NOT saved after selecting yes to save.	Users who use GeoWorkSpace template (.gwt) files other than Normal.gwt may encounter problems saving GeoWorkSpaces upon exiting. Example workflow using supplied GeoWorkSpace template (.gwt) file: 1. Create new GeoWorkSpace using the template option. 2. Use a template other than Normal.gwt (see attachments for examle). 3. Optionally do queries etc in the GeoWorkSpace. 4. Select File > Exit, select Yes to save. Observation: The Save GeoWorkSpace As dialog does NOT appear. GeoMedia simply exits and none of the work performed in step 3 is saved. The GeoWorkSpace does not seem to be saved anywhere.
1-F5HZ7Q	GeoMedia Professional 2015 does not honor long-press gesture for "right-click" on touch screen.	GeoMedia Professional 2015 does not respond to typical "right-click" replacement on tablet touch screen devices (long press). This worked previously, in GeoMedia 6.1. We are unable to "right click" using the touch screen functionality on our tablet. "right-click" is typically replaced by a long press and hold on touch/tablet devices using a

		long press. GeoMedia responds to double-tap (double-click) and single tap (single-click), but does not react to the right-click/long press action. This makes it impossible to copy/paste text into attribute fields, as well as toggle layer visibility within the application. All tests indicate that the issue is not one with hardware (this function works elsewhere on the device).
1-7ZHFQL	Right click doesn't work on touchscreen under Windows 8.	Customer has a laptop with touchscreen and Windows 8. Unfortunately the right click doesn't work with GeoMedia. Works fine with the Windows itself but not with GM. Is there some OS or application setting that controls this? Customer was able to run GeoMedia on a Win8 machine with this result: 1) When using a mouse, right-click in GeoMedia works fine. 2) When using touch screen, right-click in GeoMedia is not working. Right-click using touch screen in Windows itself (not GeoMedia), is: • press the fingertip and hold for a while - first I see a little circle around the place where I touch, then for a little while it changes into a square and then a dialog appears as expected When customer tries the same in GeoMedia, they only get the circle around the place where they touch, but no square, nor any dialog. Tested this in GeoMedia 13.00.0000.00242. The machine region used was Dell Latitude ST2.
1-U5NDKZ	Animated styles not updating/shown with map extent change.	Animated styles not updating/shown with map extent change. To reproduce: -New GeoWorkspace with USSampleData access connection -Add HighwayInterchange feature class -Zoom in so that roughly 1/4 of the features are visible in the map -Edit the style for HighwayInterchange so that it is animated. Changing the size between 2 frames is sufficient. Animate upon display with unlimited repetitions. -After applying the style, note that the features in the map display are animated. -Zoom out, pan, etc. and note that none of the features outside the initial map extent are displayed until the style is applied again. Regression in 16.0 from 15.0. Initially discovered in 16.1..10195 using Oracle RW.
1-SD9H98	Selecting Attribute Properties dialog crashes GM on German vm w/German language package.	Selecting Attribute Properties dialog crashes or hangs GM on German vm w/German language package.

		This hang/crash occurs on German WINDOWS 8 or WINDOWS 12 with the GM German language package installed. The crash happens if GM is configured as English also. 1. Open USExample.gws 2. Double click on State feature to bring up the Select Set Properties dialog. 3. Don't close the Select Set Properties Dialog 4. Click on Windows Start and GM geoworkspace hangs/crashes.
1-LR3GAX	Attribute Properties dialog as well as other dialogs fall behind other applications.	User has noted that dialogs upgrade from VB6 do not pop to the top when the GeoMedia application is selected. This can give users the illusion that the application has hung and/or forces users to collapse all applications in effort to "search" for the hidden GeoMedia dialog. Problem occurs in both 2015 and 2016 but does not occur in 2014 for Attribute Properties. Example Workflow: 1. Open USSampledata.gws 2. Double-click on graphic feature. 3. The Properties dialog will appear showing attributes for the feature. 4. Drag the dialog outside of the GeoWorkSpace document container. 5. Activate some other application(s) such as MS Word or note pad, placing the appliction over the Attribute Properties dialog. Obseve the dialog is hiddent (this is expected). 6. Now click inside of GeoMedia document giving focus to the GeoMedia application. Notice that GeoMedia is NOT responsive until you search, find and dismiss the hidden properties dialog. Problem also noted for other dialogs such as Map Window Properties. The user may be able to click on the application in the task bar or possibly use <Alt> <Tab> keys to force dialog and application back to the top.
1-LRSQUG	Release Guide missing configuration dependencies for certain utilities.	The GeoMedia Desktop Release Guide fails to include configuration dependancies for the following: Database Utilities requires that MS SQL Native Client 10.0 or higher be installed when working with MS SQL Spatial warehouses. The MS SQL Native Client is normally delivered as part of MS SQL Management Studio or can be installed as a standalone product. Oracle Data Access Components (ODAC) is required if using the Feature Accessor option in PulishIFC Utility. ODAC is normally delivered by Oracle Client Administrative install but not for Oracle Instant Client.
1-AFI8VA	Tooltips in the map window only display while using the select	When turning on tooltips for legend entries, they only display when the select tool is selected. All other commands cause the pointer to change (from an arrow to whatever

	command (clarify in documentation).	glyph the command uses) and disables the tooltip display. This causes issues while trying to figure out what event you're looking at on the map while using a command such as Interactive Calibration or Move. Steps to reproduce • Open a GeoWorkspace and display a feature in the map window • Turn on map window tooltips for that feature. Ensure that the select tool is selected and hover over a feature in the map window to verify that it is displayed. • Switch to a command which changes the glyph (e.g. from the ribbon, Vector > Move). You'll notice that the glyph is changed to a crosshair. • Hover over a feature and notice that the tooltip does not display.
1-VUIMMI	Grant Statements need to be modified to be correct.	GRANT SELECT ON SYS.GV_$SESSION TO SYSTEM WITH GRANT OPTION; should be modified to the following: GRANT SELECT ON SYS.GV_$SESSION TO PUBLIC WITH GRANT OPTION; GRANT INHERIT PRIVILEGES ON SYSTEM TO GDOSYS: should be modified to the following 2 lines: GRANT SELECT ON SYS.V_$SESSION TO PUBLIC WITH GRANT OPTION; GRANT SELECT ANY SEQUENCE TO WMSYS; -- allows use of identity based primary keys in version enabled tables - new in Oracle 12c
1-LJFRUY	WMTS: Support sites with swapped coordinate systems, via the INI setting.	WMTS implementation does not currently support the case of a CRS with swapped coordinates. The INI entry is present (as with WMS) but there is no implementation present.
1-LQ38PC	ECW images that displayed properly in GM2015 have their display corrupted.	Customer supplies several ECW images that do not display properly. Images display as basically a black and grey block, and you must zoom way in to see the rough outline of a feature. This problem relates to both the CS of the geoworkspace and the size of the image. When in Geographic LL, the image displays fine. It also displays fine in the Albers custom CS from USSampleData.gws. Image displays incorrectly in customer's standard NAD83 for S. Louisiana (EPSG3452) To recreate: • Open GeoMedia Desktop, • Create a new .gws and create a new warehouse. • Insert one or both of the customer's .ecw files. The files display fine, since the default CS for a new .gws/.mdb is Geographic. • Load the customer's NAD83 Louisiana SP CS and the image display is corrupted.
1-QKE51A	PostGIS GDO ModificationLog is not properly updated after insert / edit in join view.	If you have a join view defined with an INSTEAD of trigger/function in place, the GDO ModificationLog table is not properly updated for inserts, edits and deleting. It may be that there is some mistake but GeoMedia offers no example steps for an INSTEAD of trigger workflow; The trigger works outside of GeoMedia.

1-R2G9D9	Raster performance degredation with GM 2015 versus earlier versions.	User reports and support duplicates a serious performance degradation when displaying raster feature classes in GMDesktop 2015, compared to GMPro 6.1 and GM Desktop 2013 - 2014. Images that formerly took about 20 seconds to display now take almost 8 minutes.
1-WHKTNF	Help Document > Batch Plotting > Variable Text String Substitution: Help is unclear	The Help for Batch Plotting does not explicitly state that Variable Text String Substitution is only available via the Sheet Composition workflow. Customer attempted to use the Sheet Selection workflow with a .gws containing [GM-Date] and [GM-Time] in a template used w/ a layout sheet and filed an SR when this failed to work properly. The document says this: ------------------------------ Variable text strings are placed in the Layout template as standard fields by using a unique syntax to identify it as a variable text string. There is no distinction made between uppercase and lowercase. Variable text strings within fields are supported when embedded within a sentence, as well as when appearing stand-alone as "words". When the layout sheet is composed, the text boxes in the layout sheet will be evaluated. When a variable text string is encountered, the variable will be replaced with the appropriate information obtained from the system, from the Base map plot shape feature class (warehouse), or from the GeoWorkspace. All original text symbology and formatting will be maintained. Variable text strings are only supported when placed on the Working Sheet in the Layout template. ------------------------------ The two relevant sentences are "When the layout sheet is composed" and "Variable text strings are only supported when placed on the Working Sheet in the Layout template." Both indicate that the intent is that this works with Sheet Composition. The Help document should explicitly state that VTSS is only available via Sheet Composition.
1-UR4591	Insert Feature fails with cannot insert record if have database Default Value defined (Regression)	User has MS SQL Spatial warehouse where one or more fields have default values defined in the database using the Default Value or Binding property in the design view of the table (MS SQL Management Studio). These default values are properly populated by Insert Feature command in 2015 but Insert Feature in 2016 fails with an error: "Could not insert a record in the database." Example: User has defined default values using functions such as: (getdate()) : returns the current date for a date field. (suser_sname()) : returns the MS SQL user name inserting the record for a text field. These functions work when using Insert Feature in 2015 but fail in 2016. Records CAN however be inserted into the data grid of the Data Window in 2016 thus the problem may be related to the Properties control. Additionally records can be inserted with proper default values when using Interactive Insert Area by Face. Insert Area by Face however fails to properly populate default values (see Related CR 1-UQW9FL).
1-VSDFXJ	GeoMedia hangs using Geometry Information on Windows 8.1 or 10 if focus changes to another app	A SR was filed reporting that when running GeoMedia Desktop 2015 on Windows 8.1 or Windows 10 the 'Geometry Information' dialog falls behind the GeoMedia map window if focus switches to another application while the 'Geometry Information' dialog is displayed. This results in a hang of GeoMedia that requires the GeoMedia.exe process to be killed via Task Manager. This appears to be essentially the same behavior observed with the Select Set Properties dialog per CR 1-LI3G2M. The customer that reported the issue with the Geometry Information command was using Geomedia 2015 with the German Language pack configured. I have been able to reproduce the problem with version 16.00.0000.01405 using the German Language Pack configured as German or as English. The steps to reproduce the issue are shown below. 1. On a Windows 8.1 or Windows 10 machine use Geomedia to open USSampleData.gws.

		2. Click on a States feature class in the Map Window to select it and then right-click and choose the 'Geometry Information' command from the menu. 3. Now that the 'Geometry Information' dialog is displayed, switch to another application (the SR recommended the PDF Reader application which is what I used). If using the PDF Reader application you can collapse the application window using the minimize button (-) in the upper right corner. 4. Now that the GeoMedia application is visible again, note that the Geometry Information dialog is no longer visible (it has presumably been hidden behind the map window). 5. At this point you will be unable to perform any further actions in GeoMedia, thus the GeoMedia process will have to be killed via Task Manager.
1-CF3XHZ	Documentation typo - Oracle NUMBER(1,0) maps to BOOLEAN.	In the documentation (Using Oracle Connections-> Datatype matching - Oracle to GeoMedia) we have: --- Oracle Datatype | GeoMedia Data Type NUMBER (p,s) | Long (p<10,s=0) --- When creating table like CREATE TABLE N (GM_BOOL NUMBER(1,0)); GM_BOOL is mapped to GeoMedia Boolean. Should be: --- Oracle Datatype | GeoMedia Data Type NUMBER (p,s) | Long (p<10>1, s=0) ---
1-KXGPVS	Documentation > Help > Feature Caching	In GM Desktop Help file the first clause says : "Feature Caching: Geospatial applications deal with large volumes of data. This is true for all kinds of geospatial data, from raster files and point clouds to file-resident and database-resident geospatial features composed of geometry and attributes........" While it is true that large volumes of data (raster, point clouds, etc.) are used in GeoMedia, the relevance of this to Feature Caching I don't know. The document is very misleading, causing customers to ask why their rasters are not being cached.
1-LWVZPB	Changes to Help concerning use of Hypertext fields	Users can right-click in data window or properties dialog to insert a file/path into a field defined as Hypertext. While this can be useful for stored files, it does NOT allow users to actually edit or define URL values. Users can however, press and hold the <Ctrl> key when clicking into a Hypertext field to edit a URL. This information should be added to GeoMedia Help in the section titled: "Using Hypertext" https://hexagongeospatial.fluidtopics.net/book#!book;uri=d697ac1e302b4bce1d79722 e4e4261b0;breadcrumb=42352cc5c9c8eb9183e92459d8d2d1bc-42bbad5c1dbcf7a6719ce3c921e51cf9-86ec0c053a399ce0812c5d102253088a-e0291cc5f0e76acf6962e905c6e9aa1a Suggest adding wording such as: In Windows, single-clicking on a hyperlink activates the link rather than inserting the cursor. To insert a cursor into hyperlink text you must Ctrl-Click. GeoMedia follows this convention both in the Data View and in the attribute Properties control. Suggest removing the section concerning the definition of Hypertext for MGE data server.
1-SCRY2U	Properties-Window of a feature disappears when using an attribute-hyperlink. Only way to make windo	Properties-Window of a feature disappears when using an attribute-hyperlink. After klicking on the hyperlink, the window disapperars in the back (as shown in the screenshots). Only way to make window visible again is via task-manager or crash

		GeoMedia. I found no "normal" way to make the window visible again in the foreground. We had this behaviour with more than 3 customers on the new version GM 2016 (Build 1405) and also with our partner-licences in our office. A "simple" GM-customer has to crash the software to make it work again - we're off the opinion that this should be fixed quickly.

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