

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.14001 -.14004 Released - 3/11/2015

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	CR #	Product	Summary	Description/How to Reproduce
1.	1-AADLBL 1-AEF1F5	G/Technology Designer	Unable to break a feature using a custom command.	<p>Unable to break a secondary conductor feature using CustomCommandModelessBreakLinearService custom command.</p> <p>Resolution: The event methods are now being checked. If the call is for .NET, only the changed parameters are sent to the event. Other cases are reverted to a previous event method. The VBA event is now working.</p>
2.	1-AADLCT 1-AEF1H3	G/Technology Designer	Unable to move a feature using custom command.	<p>Unable to move a secondary conductor feature using CustomCommandModelessGeometryEditMoveFeature .</p> <p>Resolution: The event methods are now being checked. If the call is for .NET, only the changed parameters are sent to the event. Other cases are reverted to a previous event method. The VBA event is now working.</p>
3.	1-9LIZ6M	G/Technology Designer	Font display changing when zooming in.	<p>Some fonts display differently at different scales in the detail map window. Font display also changes with angle settings. If font is placed zero degrees, there are no dashed lines.</p> <p>Resolution: Fixed the problem by improving the rendering quality for a given font.</p>
4.	1-93F50J 1-9V7R7T	G/Technology Designer	Job Query Issue	<p>When using the job environment function and adding in the following criteria:</p> <p>Filter Jobs: All users Column: Job Owner Operator: like Value: %</p> <p>Error: ORA-01427: single-row subquery returns more than one row.</p> <p>Resolution: The query used for job data retrieval was framed incorrectly. In case of columns that have picklist values associated, two queries are used. The subquery needs to use the selected operator and the main query uses = any.</p>

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5.	1-9563J8 1-AAVHIT	G/Technology Designer	CustomCommandHelper MouseClick event fires twice	<p>The CustomCommandHelper MouseClick event fires twice when two custom commands with the MouseClick handler are active in the same time.</p> <p>Resolution: The event caller and the current handler's interface details are compared. Hence, among the list of the handlers for an event, only one handler will match and others are not executed. Thus the handler/method of the current custom command only will be executed.</p>
6.	1-99M338 1-9V7R7J	G/Technology Designer	Job query issue	<p>For Jobs &gt; Job Environment &gt; Add &gt; Current User / All Users, the operator "does not equal" is not excluding the selected value from the returned job list for the columns with picklists.</p> <p>Resolution: The query used to retrieve the data was framed incorrectly. It had two NOT operators - one in the main query and one in a subquery. A fix is provided to use the NOT EQUALS operator only in the subquery.</p>
7.	1-9WU7W0 1-AAVHMP	G/Technology NetPlot Server	G/Technology is crashing while plotting	<p>G/Technology is crashing while plotting.</p> <p>Resolution: Fixed the problem so that a user can now submit the same plot multiple times.</p>
8.	1-A615LD	G/Technology Designer	AutoCAD DWG file containing linestyle with text is not visible when attached	<p>A user attached an AutoCAD DWG file containing a linestyle with text and observed that text in the linestyle is not visible in the attached file. The user saved the same file as a DXF file and attached the file in desktop. The text in the linestyle is visible.</p> <p>Resolution: Fixed the problem so that text in the linestyle is visible on attaching AutoCAD DWG file.</p>
9.	1-A23C8L	G/Technology Designer	Export to DGN is not extracting secondary symbols and text.	<p>When exporting secondary data that has not been imported, the text and symbol features defined in the secondary metadata are not being exported. Linear features are being exported correctly. The user receives the error message "Cannot get Alternate Coordinate System Path with given name. Ensure that name is correct and retry." The output is created, but there are no symbol or text features exported. If the user turns off the symbol and text features in the Display Control, the data is exported correctly with no error message.</p> <p>Resolution: Fixed the problem so that text and symbol features defined in the secondary metadata are exported by reading the geometry field name from the component info optable.</p>

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10.	1-9KYBQ4 1-A271C3	G/Technology Designer	An error message is displayed after invoking G/Technology	<p>A user sees the following error while invoking G/Technology desktop application after installing the build silently on a clean Windows 7, 64-bit machine:</p> <p>“C:\Program Files (x86)\Intergraph\GTechnology\Program\G3E.exe The application has failed to start because its side-by-side configuration is incorrect.</p> <p>Resolution: VC9.0 system dlls are being delivered. Reset the VC9.0 msm to use the Installshield versions and not the version in Program Files\common Files\MergeModules.</p>
11.	1-9L4ZB1 1-A2712D	G/Technology NetViewer	NetViewer produces maps with incorrect colors when displaying a lot of data (aerial photos)	<p>NetViewer produces maps with incorrect colors when displaying a lot of data (aerial photos).</p> <p>Resolution: Introduced a new DWORD under HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Intergraph\GNetViewerServer\09.00\MapServers named as MostUsedColorsPNG. This has to be set on NetViewer server and MobileViewer. Set MostUsedColorsPNG to 1 to use Most Used colors palette to get correct fill colors in facility data and set it to 0 to use Avg colors to get good colored raster. Default value for this key is zero.</p>
12.	1-9Y2A29	G/Technology Designer	Unable to see fonts when a exported file is attached	<p>Zoom to an area in the map window and then export the content to DGN format. Try to attach that file. Expected fonts in the attached file are not visible. Fonts are visible in the native file format, and both export and attach uses font resource files from different locations. When users close the workspace and then attach the same file, they could not see the fonts.</p> <p>Resolution: Fixed the problem so that the resource files for attach are being used even though the exported DGN file with the same resource files is attached in the same instance.</p>
13.	1-54EG2Z	G/Technology Designer	Move Related feature dialog does not display all the related features	<p>Using Industryware G/Comms, users tried to move a fiber splice enclosure that has a node ordered input /output relationship with two conductors. The splice only picks up the node ordered input feature. Users tried to randomly pick several point features that have node ordered relationship, and they always return the node ordered input side.</p> <p>Resolution: The software properly determines the subordinate relationship and displays all the related features as candidates to move with the selected feature.</p>

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14.	1-9QXJEF	G/Technology NetViewer	Display scale dependent check box cannot be disabled in the Display control tree view.	<p>Display scale dependent check box option in the Display Control tree view is automatically turned off in NetViewer, even though the user does not have the permission to turn it on/off.</p> <p>Resolution: Display scale check box is still disabled when users click Display status or Locate Status check box if the user does not have the role to turn it on/off.</p>
15.	1-9FOTW5	G/Technology Designer	Export to CAD > custom stroke pattern not mapped to DGN stroke pattern	<p>Export to CAD &gt; custom stroke pattern is not mapped to DGN stroke pattern when stroke definition has values with decimals like 2,85.</p> <p>Resolution: Provided the option to give DGN style value in G3E_NORMALIZEDSTROKE.G3E_MICROSTATIONSTYLENAME</p> <p>Existing G3E_NORMALIZEDSTROKE.G3E_MICROSTATIONSTYLENAME column can be used to give DGN style for default line styles as shown below:</p> <ol style="list-style-type: none"> <li>1. If G3E_NORMALIZEDSTROKE.G3E_UDLS is 0 and G3E_NORMALIZEDSTROKE.G3E_MICROSTATIONSTYLENAME has a value between 0 and 7, then this value is used for default styles while exporting to DGN.</li> <li>2. If G3E_NORMALIZEDSTROKE.G3E_UDLS is 0 and G3E_NORMALIZEDSTROKE.G3E_MICROSTATIONSTYLENAME is null, then style is picked based on the dash/gap sequences provided (which is existing behavior).</li> </ol>
16.	1-91QBIT 1-9JOU3H one CR references circles, one linestyles	G/Technology Designer	Circles and line styles are not displayed correctly in attached DGN files	<p>A display of circles and line styles placed in a DGN file which is attached to a G/Designer map window using the command Attach Vector Data depends on a scale of the map window when attaching the CAD file. When the scale number is bigger (eg. 1:500 000) the circle in the attached DGN file is presented as set of lines. The lower map window scale number causes the smoother (better) display of the circle in the G/Designer map window.</p> <p>Resolution: Teigha supports caching and the software is currently using this mechanism while attaching the DGN file in G/Technology. When caching is enabled, a display list is created during the first draw, and then subsequent draws are performed using the data in this display list, which gives a significant speed improvement. To fix this problem, one has to regenerate the cache of the elements that are visible in current map window.</p> <p>A new parameter is introduced in the gt.ini file:</p>

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				<p>UseDgnCacheRegen=1        // For DGN cache regeneration</p> <p>The default value is 0, which means caching is not regenerated, which is the current behavior. Set this variable to 1 regenerate the cache of the elements that are visible in the current map window while using zoom/pan operations and attach the files to have best results. This setting will reduce the performance.</p>
17.	1-6T5NAW	G/Technology Designer	Plot redlines - Rotate function does not exit using ESC key	<p>Plot redlines - Rotate function does not exit using the ESC key.</p> <p>Resolution: Added the missing condition for ESC functionality for plot redlines.</p>
18.	1-9V0R8Z	G/Technology Designer	Subscript out of range	<p>All users receive message "Subscript out of range" when there are more than 1000 ownerships involved.</p> <p>Resolution: Removed fixed parameter array.</p>
19.	1-9NU11W	G/Technology Designer	Editing an inner duct number throws error	<p>Editing an inner duct number causes an error.</p> <p>Resolution: The assignment ANO (G3E_DUCT.G3E_ASSIGNMENTANO) for duct and inner duct should not be included on Duct Configuration dialog tabs when the dialog type is "Multi Review" and "Multi Edit".</p>
20.	1-9SQEGL	G/Technology MobileViewer	Update Subsets for incremental does not log an informative message when machine runs out of space.	<p>When running MobileViewer - Update Subsets for Incremental Updates, if there is not enough space to create or copy the necessary files, the process fails. However, the error that is logged does give not enough information for the user to understand the problem.</p> <p>Resolution: An error message box shows the log file name. Also, the log file has more a specific reason for the failure.</p>

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21.	1-91GWJM	G/Technology Designer	G/Technology does not pass Arguments into .NET IGTForeignKeyQuery implementation	When having .NET implementation of IGTForeignKeyQuery interface on tab attribute level with arguments (G3E_FKQARGGROUPNO), G/Technology does not pass arguments values to implementation. In VBA implementation of IGTForeignKeyQuery, Arguments are passed as expected.  Resolution: The software first searches for G3E_FKQARGGROUPNO in G3E_TABATTRIBUTE. If there is none, then it uses the one in G3E_ATTRIBUTE.
22.	1-AGYQXS 1-9C4WSN	G/Technology Designer	Plot window redline style: line with arrowheads not displaying arrowhead correctly	Plot window redline style: the line with arrowheads does not display the arrowhead correctly.  Resolution: Fixed the problem to display the masked symbols correctly.
23.	1-A6N8HT	G/Technology MobileViewer	Missing lines when a DGN file with custom linestyles is attached to MobileViewer.	Some lines are missing when a DGN file with custom line styles is attached through Attach Backdrop file in MobileViewer  Resolution: Fixed problem in renderer.
24.	1-8WOO5X	G/Technology Designer	Common Attribute Edit Command: no file selection is possible for an attribute defined as Hypertext	When editing common attributes for an attribute with G3E_FORMAT = 'Hypertext', there is no option to browse for a file in the common attributes dialog.  Resolution: Fixed the issue by formatting the HyperText Attribute values as hypertext and provided browse option in Edit Common Attributes dialog.
25.	1-AELYZ	G/Technology Designer	Unable to see the features in the map window/plot window clearly as expected.	The user cannot see the features in the map window/plot window as clearly as expected.  Resolution: A new font file with hinting was provided. No code changes required.
26.	1-9SI0QP	G/Technology Administrator	Unable to fire G3EDUCTCONTROLLEDITPKG after Add Ducts in Duct Configuration control	The software is unable to call the G3EDUCTCONTROLLEDITPKG when the user clicks Add Ducts in the Duct Configuration control.  Resolution: Added new logic to keep track of the ducts that are added through the Duct Configuration tab and properly called the USERDUCTCONTROLLEDIT procedure with the list of FID and FNO values.

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27.	1-A1YN89	G/Technology NetPlot Server	NetPlot Messages: NetPlot MSMQ and error messages are missing accented letters and special letters	<p>When using an operating system with a different language, the accented letters are missing from MSMQ messages as well as corresponding log files. For example :</p> <p>Actual message in ExecPlotMan.log : Benutzerunterbrechung ist w hrend des Vorgangs Load Data Service Connect aufgetreten</p> <p>The message should look like : Benutzerunterbrechung während des Prozesses w Load Data Service Connect aufgetreten</p> <p>The "ä" is missing from "w hrend". The same results are in MSMQ.</p> <p>Resolution: Previously, the response messagesent back to NetPlotService by the G/Technology, the software strippedall the extended ASCII characters in the XML response message with a space. The extended ASCII character codes contains accented letters which were missing from the MSMQ message. The purpose of the TrimAll method is to remove all the non-printable characters only, so now the software selectively removes the non-printable characters from the extended ASCII character range which is from 128 to 255.</p>
28.	1-9DC0G0 1-AX93AZ	G/Technology Designer	CF19 Panasonic Toughbook and G/Technology Designer Attach Legend	<p>On a Panasonic Toughbook, when users attach a legend, G/Technology crashes.</p> <p>Resolution: Use TreeView from MSCOMCTL.ocx for MapWindowLegend command to solve the problem.</p>
29.	1-ALXR5V	G/Technology MobileViewer	After upgrading to 10.2 SP2 cannot publish single region subsets	<p>Publish subset for any single region is failing after upgrading to the latest 10.2 SP2 build. However, "Publish all regions" option works as expected.</p> <p>Resolution: Made fixes so that a single region can be published.</p>
30.	1-68OJ0I	G/Technology Designer	Vector data changes its position as the user scrolls down the plot sheet.	<p>With the map frame highlighted, if the user scrolls down or up the plot sheet, the location of the vector data attached also changes.</p> <p>Resolution: Fixed the problem to display CAD data in the correct location with the map frame activation in the plot window. Also rotate map issue and locating the CAD elements issues are resolved.</p>

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1.	1-9PQEX2	G/Technology Designer	IGTExportService.SaveAsDGN does not recognize style substitution	<p>When exporting a plot window which has style substitutions applied, the style substitutions are not applied to the exported DGN file. Users see the substituted styles in the plot window, but when exported, the original line styles are used in MicroStation.</p> <p>Resolution: Fixed the problem so that the style substitutions are now honored in exported MicroStation and AutoCAD files.</p>
2.	1-9MGN65 1-9PQOSD	G/Technology Designer	Update GDOGML and GMWMSRasterEngine to latest version from GeoMedia.	<p>Update GDOGML and GMWMSRasterEngine to the latest version from GeoMedia which includes performance fixes for transformation, non-transformation, and rotated map workflows while panning, zooming, printing to hardware printer and generated PDF.</p> <p>Resolution: Integrating all the changes made in GDOGML and GMWMSRasterEngine from GeoMedia codeline until 08/21/2014 since the last integration done on 5/16/2013.</p>
3.	1-9MVQ2L 1-9PQP0P	G/Technology Administrator	In desktop, users see approx 53K GetMap calls which makes G/Technology freeze until all the GetMap requests are over	<p>When G/Technology users zoom in to a map window that contains only one WMS legend entry (even though the WMS data is not visible in the current map window area), they get WMS GetMap calls, and the count increases with each zoom in request. At a scale of 100K, the tile count is approximately 53K in G/Technology which causes a process hang while approximately 53K GetMap calls are processing. Similar behavior was observed in NetViewer where the tiles count and number of WMS GetMap calls reached approximately 9.68 million.</p> <p>Resolution: The above issue was reproduced only in a non-transformation case. G/Technology added logic to skip the draw in this scenario.</p>
4.	1-9MW8MN 1-9PQP1T	G/Technology NetViewer	In NetViewer, the MapServer runs out of memory due to 9.68mil GetMap requests	<p>When G/Technology users zoom in to a map window that contains only one WMS legend entry (even though the WMS data is not visible in the current map window area), they get WMS GetMap calls, and the count increases with each zoom in request.</p>

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				<p>At a scale of 100K, the tile count is approximately 53K in G/Technology which causes a process hang while approximately 53K GetMap calls are processing. Similar behavior was observed in NetViewer where the tiles count and number of WMS GetMap calls reached approximately 9.68 million.</p> <p>Resolution: The above issue was reproduced only in a non-transformation case. G/Technology added logic to skip the draw in this scenario.</p>
5.	1-8DT4ZF 1-9PQOSN	G/Technology Designer	Copy Partial Parallel Construction Aid errors - either one vertex is missing or G/Technology has to be terminated.	<p>After attaching a DXF file in G/Technology, use the Copy Partial Parallel Construction Aid. Depending on where users place points, the Construction Aid will either not pick up all the vertices or users have to terminate G/Technology to exit out of the placement function.</p> <p>Resolution: Polygon entities are closed entities where the number of vertices considered did not handle the last vertex. This is due to an indexing problem during last vertex validation. This is fixed, and the highlighting and selection is correct.</p>
6.	1-909WHM 1-9PQOVZ	G/Technology Designer	Export to AutoCAD not exporting labels	<p>When users Export to AutoCAD, the labels in the AutoCAD file are missing.</p> <p>Resolution: Text height is calculated when Geographic coordinate system type is used while performing Export to AutoCAD.</p>
7.	1-9PCLKH 1-9PQQQ5	G/Technology Designer	The interior relationship processing does not update a feature if it has a previous owner	<p>Users placed workpoints so one workpoint was owned by an existing feature. Users have tried to place a feature that establishes ownership relationships with the workpoints during interior relationship processing. The relationship was not updated on the workpoint that had a relationship.</p> <p>Resolution: Previously, if a relationship already existed, G/Technology purposely did not overwrite that relationship. Now because the product has introduced the ability to prompt for</p>

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				interior relationships, G/Technology will update the existing relationship with the current information.
8.	1-9LJ7R3	G/Technology Designer	G/Technology is crashing while Exporting map content to MicroStation (V7 or V8) format	<p>G/Technology crashes while exporting the map content to MicroStation (V7 or V8) format. This happens only if both linestyle and font style resource files are in the same location, and the name of the linestyle resource file is listed first in the directory (sorted by name).</p> <p>Resolution: Added a check to find if the file to be loaded is a font resource file or not. If the first file in the folder is not the font file specified in the FileUNCPaths.xml, then the second file is checked and so on, until a font resource file is found. If a file resource file is not found, then standard font is applied. This issue is also resolved for API and NetViewer.</p>
9.	1-9KZAXG	G/Technology NetPlot Server	NetPlot not honoring legend overrides	<p>NetPlot is not honoring legend overrides after changing trace results from "RED" to "YELLOW".</p> <p>Resolution: Fixed the problem such that the legend overrides are persisted in the Web Client Context. The NetPlot request is sent with updated legend overrides.</p>
10.	1-961GRA	G/Technology Designer	Construction Aid Point By Distance or Angle sample does not function	<p>Users retrieved the sample project for a construction aid that is delivered with G/Technology. They built the .dll and changed the database to hit the dll from the sample code. The Initialize function throws unmodified errors. After fixing one problem with the active map window in the Initialize function, the function places the points incorrectly. With the user inputting the length, angle, and length of the arc, G/Technology places the point around the origin for the y coordinate, regardless of where it is started. It creates an enormous line far off the normal extents of the data.</p> <p>Resolution: Initialize method is fixed after resolving few objects creation. The method is replaced with single line representing the PROGRESS status of the CA. Angle calculations are corrected.</p>

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				Also a boolean variable is provided in the sample code, which can be used for determining if AZIMUTHAL calculations are needed or ABSOLUTE calculations are needed.

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1.	1-9K0G9H	G/Technology Designer	Error after placing Fiber Splice Enclosure in Fiber Branch Enclosure	<p>Users see the error "An Item with the same key has already been added." after placing Fiber Splice Enclosure in Fiber Branch Enclosure</p> <p>Resolution: A new overloaded method was added to the GTBreakLinearService: GetBreakPoint.</p>
2.	1-9JEUML	G/Technology NetViewer	Optional parameters in attribute queries like /*G3E#*/ are not working in the Viewer products	<p>When optional parameters are defined using a mark /*G3E#*/ in the find quick statements, NetViewer no longer considers them as optional parameters and executes the SQL statement as if the values were filled in, resulting in an incorrect output recordset.</p> <p>Resolution: Non-AOI queries that use nullable user parameters now produce correct results in the Viewer products.</p>
3.	1-9D62M9 1-9K1G09	G/Technology Designer	User is unable to attach raster file in G/Technology.	<p>G/Technology Desktop crashes when the user attaches a raster file.</p> <p>Resolution: Initialized BSTR variables and LPDISPATCH/LPUNKNOWN pointers before they are released in wrap-up section of the code.</p>
4.	1-9D7IBX 1-9K1G27	G/Technology Designer	G/Technology is crashing when user tries to bulk load raster images	<p>G/Technology crashes when user tries to bulk load raster images using Administrative &gt; Load Images.</p> <p>Resolution: Initialize BSTR variables and LPDISPATCH/LPUNKNOWN pointers before they are released in wrap-up section of the code.</p>
5.	1-98XB47	G/Technology Designer	Cannot tab to populate FRC on Feature Explorer Cable Sections tab	<p>Pressing the tab key does not refresh the attributes when moving from one column to the next column.</p> <p>Resolution: The Cable Sections control has been changed to process picklist selections immediately. This forces any configured functional interfaces to fire immediately, which allows other attributes that might have been changed by the functional interface to be updated and immediately displayed.</p>
6.	1-9BTJ5D	G/Technology Designer	Selection of multiple plot redlines takes too long to render	<p>When multiple plot redlines are selected, re-rendering takes progressively longer based on the number of selected elements. If the user adds another redline to the select set via ctrl-click, the handles for all previously selected redlines are redrawn before adding the new one. If a</p>

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				<p>group of redlines is moved, all of the handles are redrawn individually in the new location; for large groups, this starts to impede productivity.</p> <p>Resolution: Improved performance of selecting single, multiple, and grouped plot redlines.</p>
7.	1-9FLLX	G/Technology Designer	WMS Parent ownership establishing even if dialog is exited by using red X.	<p>Ownership is being set after placing a feature close to another feature. These features are defined to have ownership even though the user has selected to not set ownership between those features.</p> <p>For example, work points and service segments are defined in metadata to have ownership. The work point is defined as the SOURCEFNO and the service segment is defined as the OWNERFNO with G3E_ENFORCEMENT=1. When placing a gas service segment close to a work point, the ownership is set even though the user has selected to not set ownership between the two features. This is a problem because the work point may actually have ownership to another feature, not the feature being placed closed to it.</p> <p>Resolution: Added the ability to exclude features from forming interior ownership relationships if the user has already been prompted and responded via end points as well as allowing the user to be prompted for these additional interior features to be added.</p>
8.	1-75J8L1 1-9FMXYR	G/Technology Designer	Remove unused queries does not work for traces	<p>SP3 introduces a new setting RemoveUnusedQueries = 1 in G3E_GENERALPARAMETER to reduce memory consumption. This works for queries but not traces. Traces are still listed in the Analysis &gt; Queries dialog box tree after removing them from legend.</p> <p>Resolution: PGTctls.drx relocalized to include localization of newly added string. If a trace is no longer referenced, it will be removed from the list of queries under Analysis &gt; Queries if G3E_GENERALPARAMETER.RemovedUnusedQueries = 1.</p>
9.	1-75LPE9 1-9FMY1J	G/Technology NetViewer	AttachMemLimit registry entry missing on a Netviewer machine.	The AttachMemLimit key should be in the registry when NetViewer is installed. But, users could not find this registry entry in any of the machines (Client or Server).

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.12004

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				Resolution: New Viewer registry key AttachMemLimit is added to registry from setup.
10.	1-7FQS1T 1-9FMY6T	G/Technology Designer	Snapshot of Map Window does not work with all applications	<p>Snapshots of map windows cannot be pasted to all applications. Pasting to Microsoft Paint works well, pasting to Microsoft Wordpad displays an empty image.</p> <p>Resolution: The problem is resolved.</p>
11.	1-7HI2GL 1-9FMYEV	G/Technology Designer	Missing build number in About dialog	<p>The about dialog does not display the G/Technology build number.</p> <p>Resolution: Increase version text box size in HelpAbout dialog in the German and French localized G3E.DRX files.</p>
12.	1-7XUJQB 1-8FEFV4	G/Technology Designer	Update GDOGML and GMWMSRasterEngine to latest version from GeoMedia.	<p>Update GDOGML and GMWMSRasterEngine to latest version from GeoMedia.</p> <p>Resolution: These components have been updated.</p>
13.	1-9FLLM7 1-9BZ5TH	G/Technology NetViewer	In NetViewer Map Server leaks memory around ~4 MB to 5 MB per WMS connection per zoom/pan operation	<p>In NetViewer Map Server leaks memory around ~4 MB to 5 MB per WMS connection per zoom/pan operation.</p> <p>Resolution: Fixed the above memory leaks by correctly releasing the pointers and freeing the BSTR objects. Now the starting memory footprint of the Map Server is around 130 MB and no noticeable memory leaks are seen. These fixes also helped the desktop by eliminating memory leak of around 1.5 MB per pan/zoom operations.</p>
14.	1-8ZQBUL 1-9FLLPT	G/Technology Administrator	Z Value Corruption	<p>G/Technology is allowing users to enter extreme Z values. This corrupts the DDC when it is published and causes the value to spread to other features as things are snapped to each other.</p> <p>Resolution: 1) In G/Technology, the Start, End, and Origin points of an arc are supposed to all have the same Z value. G/Technology now better enforces this and also keeps those Z values within range. 2) When an attempt is made to pick up an out of range Z value, the default Z value specified in G3E_GENERALPARAMETER is used instead.</p>

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.12004

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15.	1-960N7L 1-9FLLIB	G/Technology Designer	While the alternate component is placed silently, a ghost appearance of geographic component is disp	In a model where geographic and alternate components are configured for each feature, the component placement of a feature has been configured with custom interactive and silent placement techniques. Geographic components are configured with Interactive placement and alternate components are configured with silent placement techniques. After placing the geographic component and while the alternate component is placed using the silent technique, a ghost appearance of the geographic component is displayed in the alternate window. Upon saving this feature, the ghost of the geographic component disappears.  Resolution: G/Technology handles display of alternate and geographic components separately during placement of alternate components.
16.	1-9B50QZ 1-9FLLI1	G/Technology Designer	G/Technology crashing when the .dwg file is attached.	When the provided .dwg file is attached using Attach > Vector Data, G/Technology crashes with the "stopped working" message.  Resolution: Fixed the problem so that if the XREF file does not exist, it is detached before attaching the file in-memory.
17.	1-9DGIA4 1-9DGTDP	G/Technology Analyst	Remove "," from line weight resource strings in French PMiscCtl.drx	In a French environment, using the "." for the decimal separator instead of "," causes line weights to be 1000 time bigger than they should have been.  Resolution: Remove the decimal separator and made the value a whole number.
18.	1-9CMI41	G/Technology Designer	Feature Allocation produces 'Key is not unique in collection' when populating the route tree view.	The Feature Allocation control uses the G3E_FID of a feature for the unique key when added to the Route tree view. If the allocation rule produces duplicate allocation candidates, such as a Fiber Inner Duct that is contained in multiple Fiber Ducts, an error will occur during population of the Route tree view. The control uses the G3E_FID of a feature for the node key. If the feature exists more than once in the tree view then the error 'Key is not unique in collection' will occur and the route tree view will not complete population. The key generated for each node needs to consider that the FID may not be unique. The control also needs to consider this when requesting node labels using the label service since the

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				<p>returned array of label strings will not contain labels for duplicate key objects.</p> <p>Resolution: The control tolerates allocation candidates with multiple route owners.</p>
19.	1-9CR9JP	G/Technology Analyst	If the ModLog is out of sync with the MapFile's component view, there are memory issues.	<p>If the ModLog is out of sync with the MapFile's component view, memory could become corrupted, or memory could be leaked. There is an additional very small memory leak when the ModLog is out of sync with the MapFiles. This should not happen if users maintain their data model correctly.</p> <p>Resolution: Even if the ModificationLog is out of sync with the DDCs, the product will not crash or leak memory.</p>
20.	1-9CRFJT	G/Technology MobileViewer	Eliminate desktop Help files from language folders for MobileViewer-only setup.	<p>Eliminate desktop Help files from language folders for MobileViewer-only setup.</p> <p>Resolution: Desktop Help files are removed as requested.</p>

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.10001, .10002, .11001 - .11005

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1.	1-98S797	G/Technology Designer	Simple Query issue	<p>If users start a simple attribute query and launch a request that does not retrun anything (e.g. because of a wrong value in the search criteria), the query fails with an error message on the next try.</p> <p>Resolution: Re-executing simple queries no longer cause Oracle errors.</p>
2.	1-9DJPLE	G/Technology Administrator	For an IGTCustomCommandModeless with G3E_CUSTOMCOMMAND.G3E_COMMANDCLASS value 0 or 1, the Property C	<p>For an IGTCustomCommandModeless with G3E_CUSTOMCOMMAND.G3E_COMMANDCLASS value 0 or 1, the Property CanTerminate is not fired. It works with G3E_CUSTOMCOMMAND.G3E_COMMANDCLASS value 4 and 6.</p> <p>When the user launches a modeless custom command, an instance of the command is created. If he clicks anew on the same modeless custom command before the first instance is terminated, G/Technology terminates the first one before starting the second one.</p> <p>Resolution: The modeless custom command behavior has been restored to match 10.1 SP3 and earlier versions. If a modeless custom command is clicked a second (or subsequent) time, the command will simply remain active. No methods will be called. No new command instance will be created</p>
3.	1-9JEUML	G/Technology NetViewer	Optional parameters in attribute queries like /*G3E#*/ are not working in the Viewer products.	<p>When optional parameters are defined using a mark /*G3E#*/ in the find quick statements, NetViewer is no longer considering them as optional parameters and executes the SQL statement as if the values were filled in, resulting into incorrect output recordset.</p> <p>Resolution: Non-AOI queries that use nullable user parameters now produce correct results in the viewers.</p>

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.10001, .10002, .11001 - .11005

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4.	1-9JVC5H	G/Technology MobileViewer	When attaching a MicroStation file, MobileViewer goes into infinite loop while G/Designer crashes	<p>A MicroStation DGN containing point symbols and lines with custom line styles is attached in MobileViewer. The gt.ini file has been updated to point to the font.rsc and line style RSC files used to create the DGN. When the file is attached, the Viewer products goes into an infinite loop, killing the mapserver process and the client had to be killed. When attempted the same workflow in Designer/Analyst, the application is crashing.</p> <p>Resolution: The issue is resolved.</p>
5.	1-7CYHR 1-9ACLUD	G/Technology NetViewer	Unable to display the output page for other commands defined in a single toolbar	<p>The user is unable to display the output for other commands when more than one Scriptshortcut commands like ScriptshortcutButton or ScriptshortcutTextBox is defined in a single toolbar. In a custom toolbar, if a user defines two commands of the same type like scriptshortcutbutton or scriptshortcutofftext, if the second command is invoked no output will be displayed.</p> <p>Resolution: The toolbar can have more than one scriptshortcut button and works based on the command type attribute.</p>
6.	1-931704 1-9ACLU3	G/Technology Designer	Cannot delete geometry components where G3E_ALTERNATEGEOORDINAL <> 0	<p>A user cannot delete a graphic component using the Edit Tool for feature components set to G3E_FEATURECOMPONENT.G3E_ALTERNATEGEOORDINAL &lt;&gt; 0 and G3E_FEATURECOMPONENT.G3E_ALTERNATEGEOGRAPHIC = 1 using legends with G3E_LEGEND.G3E_ALTERNATEGEOORDINAL &lt;&gt; 0 defined in metadata.</p> <p>Resolution: The AddSelectedItems method properly handles alternate components.</p>
7.	1-94HLYD 1-9ACM57	G/Technology NetViewer	NetViewer opens the Analysis command pane while executing commands on the custom toolbar	<p>NetViewer opens the Analysis command pane for the first time while executing commands on the custom toolbar. If the pane is closed after clicking the X button, the pane does not open for any command clicks on the toolbar.</p> <p>Resolution: The toolbar can have more than one scriptshortcut button, and works based on the command type attribute.</p>

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10.02.0002.10001, .10002, .11001 - .11005

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8.	1-997ZQP	G/Technology Designer	Add Metadata to G3E_LINestyle to carry an override for the line weight	Add Metadata to G3E_LINestyle to carry an override for the line weight and use this information during export to CAD for MicroStation V7.  Resolution: Added a new column G3E_LINestyle.G3E_MICROSTATIONOVERRIDEWEIGHT so an administrator can key in a MicroStation line weight value between 0-31 to be displayed in the DGN file.
9.	1-91FAFY	G/Technology NetExport Server	Features are being exported with the same Y-values using MapInfo	Features are being exported with the same Y-values when using MapInfo (NetExport Format Type).  Resolution: The export logic picks the right unit based on the StorageToProjectionScale defined in the coordinate system information.
10.	1-98PPJG	G/Technology NetViewer	Using API function _mapViewService.DisplayAnalysisResults generates an error	Using API function _mapViewService.DisplayAnalysisResults generates an error.  Resolution: Generated the correct URL when using the _mapViewService.DisplayAnalysisResults overloaded API method without the MapDisplayOption argument.
11.	1-98WDQN	G/Technology Designer	SaveAsAutoCAD takes several minutes to create output AutoCAD file	Users have customized functionality that allows them to place multiple plot boundaries in one plot window. Once the plot boundaries are placed, the user has the option to save the plot window to different file formats (AutoCAD, MicroStation, etc.). The SaveAsAutoCAD is taking 40-45 minutes while the save to MicroStation only takes a few seconds using the same plot window.  Resolution: Imprproved the SaveAsAutoCAD performance.
12.	1-98HHRR	G/Technology Designer	Line styles not applied to redlines when exporting to MicroStation from a migrated plot	Exporting a migrated plot with redlines to MicroStation results in the correct line styles not being applied to redlines.  Resolution: AppendPlotToDGN and the ExportToDGN display correct line styles for redlines.
13.	1-985IW9	G/Technology Designer	French localization	Development to include localized French resources in G/Technology 10.2 SP2 build.

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.10001, .10002, .11001 - .11005

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				Resolution: 10.2 SP2 is localized for French.
14.	1-985IYP	G/Technology Designer	German localization	Development to include localized German resources in G/Technology 10.2 SP2 build.  Resolution: 10.2 SP2 is localized for German.
15.	1-98PCY3	G/Technology Administrator	Unable to invoke database upgrade wizard on a clean machine.	Unable to invoke database upgrade wizard on a clean machine. Unable to invoke G/Technology on a clean machine.  Resolution: Delivered MFC90*.msm files reset to use version on 64-bit machine. These are different between the XP and Win7 64-bit installation of InstallShield 2012.
16.	1-79Y35H 1-98IY1Z	G/Technology NetPlot Server	WMS data missing with rotated plots	Some rotated plots do not include WMS data. Users have reproduced the problem with both the Czech and English languages. Users are using low resolution settings, but are still are not seeing the WMS data. If they submit a plot with no rotation at the same resolution, then the WMS data displays in the plot.  Resolution: WMS data displays and prints properly in rotated map frames.
17.	1-7V0WQ0 1-98IY65	G/Technology NetViewer	Fill color for area features change at different zoom levels	At different zoom levels, the fill color for areas (buildings) are changing in both NetViewer and MobileViewer.  Resolution: Fixed the problem by collecting all the highly used colors while creating the PNG file.
18.	1-88GH3Y 1-98IZSR	G/Technology Designer	Degradation of printing using export to PDF/plotting.	Raster files with 6 overviews (created with ISRU tools) cause problems with plotting in Designer/Analyst. After plotting/export to PDF several times in a row without exiting G/Technology, there is a degradation of the quality of the printing. This is also reproduced with Export to PDF after attaching the rasters. This problem only occurs on clients with Windows 7 32-bit OS.  Resolution: The software clears the raster cache with each print or export to PDF.
19.	1-8L529H 1-8VKNS5	G/Technology Designer	LD Pro Start error	The existing job/design area JOBNO178351: selecting Analysis > Start LD Pro throws errors.

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.10001, .10002, .11001 - .11005

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				Resolution: Made the changes to access the updated software that allows the objects that the software is trying to create to be resolved.
20.	1-8LWNBL 1-98J01D	G/Technology Administrator	Issue with Copy Parallel extending from unexpected endpoints	<p>Copy Parallel is extending new lines from unexpected endpoints</p> <p>The Copy PParallel extension point depends on the placement of the original features, but there seems to be a different case for every combination. The example is two cables lined up. If the cables are in sequence (endpoints line up 1-2,1-2) or mirrored (1-2,2-1) or if they are perpendicular, the point of extension for Copy Parallel is different. As long as the endpoints are in sequence, no matter the direction (1-2,1-2), the product behaves as expected.</p> <p>Resolution: Copy Parallel Construction Aid is corrected to extend dynamics (from already digitized points) to the end of the first selected geometry and to continue digitizing from the last point of the latest selected geometry.</p>
21.	1-8OV6IQ 1-98IY83	G/Technology Designer	Unable to resize Ownership, QuickPick, Break pop-up dialogs	<p>Users have found cases where the pop-up dialogs for break, ownership, and PickQuick are not resizable when the label formats that populate those dialogs are small. For example, the label format for Circuit is two characters.</p> <p>Resolution: Modified the PickQuick dialog to show the icons (toolbar options) if the operation is multi select even if the labels are too small.</p>
22.	1-8PZXZS 1-98IZXR	G/Technology Designer	Alternate component ghosting issue	<p>After placing features using a custom command, moving these features, then placing new features with same custom command, the label and extraneous components are viewed in the alternate component map window.</p> <p>Resolution: The ghost appearance of alternate components is not observed on the map window.</p>
23.	1-8TPFJZ 1-98IXYD	G/Technology Designer	Restricting access to a job through metadata causes errors with opening a workspace that opens a job	<p>Restricting access to a job to a single user through G3E_JOBDEFINITION.G3E_ALLOWCONCURRENTJOBACCESS causes errors with opening a workspace that activates a job which is currently in use. This works correctly when G/Technology is already open and users try to open a job that is currently in use, but does not work if users open a workspace that activates a job that is currently in use.</p> <p>Resolution: G/Technology returns the proper error message.</p>

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.10001, .10002, .11001 - .11005

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24.	1-8U6HYG 1-98IY29	G/Technology Designer	Partial Post does not transition state	<p>Partial Post does not trigger the transition to the INS state unless users pan graphics off and then on screen or refresh graphics.</p> <p>Resolution: After Partial Post, the map window correctly updates the feature based on its state.</p>
25.	1-8UKA9K 1-98J03L	G/Technology Designer	Attaching a MicroStation design file takes a long time to process.	<p>A user is trying to attach a CAD file as a backdrop from a network location using a UNC path. The Process Monitor shows G/Technology is attempting to open all of the files in the same folder as the file being requested.</p> <p>Resolution: The problem is resolved. Loading the file after browsing is much faster.</p>
26.	1-8V6C2F 1-98IZXH	G/Technology Designer	Copy data check box missing on Edit Job dialog.	<p>When users select a work management job (contains -1) and select a revision, the New Job user dialog box does not show the Copy Data check box as described in Help.</p> <p>Resolution: The Copy Data check box was out of visibility in the form. Modified the form to show the check box.</p>
27.	1-8VFDLQ 1-98IXY3	G/Technology Designer	Dataimport.exe not creating angle information in SQL Loader files	<p>Users have configured a CAD secondary connection. The secondary data will be imported into G/Technology. However, users are finding that the angles for the labels are not being written into the SQL loader files generated by dataimport.exe.</p> <p>Resolution: The angular information is considered and imported to the DAT file for the text labels.</p>
28.	1-8VKUBV 1-98J0KT	G/Technology Analyst	Drawing queries or traces causes memory to be used up	<p>Any kind of drawing operation (for example, pan, zoom, fit) while displaying queries or traces will cause memory usage to grow.</p> <p>Resolution: The use of memory is much more reasonable now when drawing queries and traces.</p>
29.	1-8WBKPP 1-98J0QD	G/Technology Administrator	IGTDataContext.MetadataRecordset ("G3E_ATTRIBUTEINFO_OPTABLE", "G3E_ANO='300006'") throws error.	<p>IGTDataContext.MetadataRecordset("G3E_ATTRIBUTEINFO_OPTABLE", "G3E_ANO='300006'") has an error when there are single quotes in the filter.</p> <p>Resolution: Removed the quotes from around the G3E_ANO value.</p>

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30.	1-8WMB0X 1-98J0GN	G/Technology Designer	Display Status for the Traces node is not checked ON.	<p>After executing a trace in the G/Technology desktop, the Display Status for the parent Traces node is not checked ON. It should be checked ON.</p> <p>Resolution: The software properly sets the Display Status checkbox of the Traces node when adding a trace to the Display Control.</p>
31.	1-8WPQM3 1-98J0U9	G/Technology NetViewer	Legend list is not displaying when configuring warm startup for the second time	<p>When trying to add a row after deleting the existing row, the legend list does not display.</p> <p>Resolution: The fix was to remove the cache of connections and to reconnect for each unique configuration and username pair. Most customers use only one configuration for all of their NetViewer users, so this change will have no negative performance impact on them.</p>
32.	1-8WSHRR 1-98J0SB	G/Technology Designer	ExtractUtility crashes with PElecAna1.dll error	<p>When executing ExtractUtility.exe the exe crashes reporting:            Faulting application name: ExtractUtility.exe, version: 10.1.3.27001, time stamp: 0x52da1ac6            Faulting module name: PElecAna1.dll_unloaded, version: 0.0.0.0, time stamp: 0x52da1255            Exception code: 0xc0000005            Fault offset: 0x0e3a413d            Faulting process id: 0xc28            Faulting application start time: 0x01cf244fa5f19903            Faulting application path: C:\Program Files (x86)\Intergraph\GTechnology\Program\ExtractUtility.exe            Faulting module path: PElecAna1.dll            Report Id: e8d57aa1-9042-11e3-8cf1-0050568647c0</p> <p>in the application event viewer log.</p> <p>Resolution: Modified the electric analysis component to process all the circuits without an error.</p>
33.	1-8WW1DV 1-8ZFONF	G/Technology Administrator	Getting an error while creating WMS connection	<p>Users see an error while creating WMS connection.</p> <p>Resolution: Ensured that an exception would not be thrown if a parent element was not found with the same attribute.</p>

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34.	1-8XMX4I 1-98J0OF	G/Technology Administrator	Getting error when running Duct Occupancy report.	<p>Users are getting the following error when trying to generate a Duct Occupancy Report:</p> <p>"Automation error. The object invoked has disconnected from its clients."</p> <p>The existing "Duct Occupancy Report" uses a VB6 Report Interface (PRIface.DuctOccupancyReport)</p> <p>Resolution: The software now supports many-ownership relationship rules where feature types could be related to themselves.</p>
35.	1-8XRMAW 1-98J0MH	G/Technology NetExport Server	NetExport failing when running in batch	<p>Users have provided code to run NetExport in batch. The memory for GNEExpSvr.exe keeps growing during the batch process, but the memory never recycles. After all the memory on the machine is allocated to GNEExpSvr.exe, the executable crashes with an error message in the EventLog.</p> <p>Resolution: Few improvements and fixes were done to plug this memory leak with each NetExport request.</p>
36.	1-8YSBML 1-98J07H	G/Technology Designer	Posting timing out	<p>G/Technology has been configured to use MSMQ for posting features. MSMQ has been configured to use Queues and triggers for posting. The posting is immediate when posting 1-4 features, but if more features need to be posted (25-30), then the post times out with error message:</p> <p>A timeout has occurred waiting for a response from a message. No features were posted.</p> <p>Resolution: G/Technology Queue processing Service (GTDCOM.exe) was reading messages from MSMQ synchronously until a response message arrived which then triggered a receive event handled by GWork.JobHelper object hosted inside the software. If the response was received immediately (less than 4 minutes) the fired received event was correctly handled inside GWork.JobHelper class. Due to cross process communication across process boundaries for an object dimmed with events, there are issues after a certain interval and the object is not left in a good state resulting in the event not</p>

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				<p>being handled inside G/Technology, even though it was correctly raised from GTDcom.exe</p> <p>Following are the cases depending on the value of G3E_MESSAGE_OPTABLE.G3E_TIMEOUT field in metadata:</p> <ol style="list-style-type: none"> <li>1) NULL – G/Technology waits indefinitely for the response message to arrive.</li> <li>2) 0 – G/Technology continues with the posting of features without waiting for the response message.</li> <li>3) Value greater than 0 - G/Technology process waits until the specified time out value for the response message to arrive.</li> </ol>
37.	1-8YSR8V 1-98J07R	G/Technology Designer	Need to produce a better message when software runs out of the limit of dimming ADO Record sets with events.	<p>The limit is a bit above 15K.</p> <p>The message should be:</p> <p>Retrieval of the component recordset (&lt;insert CNO value&gt; on</p> <p>Resolution: The error is no longer misleading. The message is: Retrieval of the recordset from component %1\$s in table %2\$s failed.</p>
38.	1-90X0AO 1-98J0A9	G/Technology NetPlot Server	Passing a PATH to GTechPDFPrinter is causing overflow errors in NetPlot	<p>In the past, users could customize the XML request sent to NetPlot and include a PATH plus file name for the GTechPDFPrinter.</p> <p>For example,</p> <pre>&lt;GTechPDFPrinter&gt; &lt;OutputFilename&gt;C:\PDF-OUTPUT\500092941.PDF&lt;/OutputFilename&gt; &lt;Overwrite&gt;&gt;true&lt;/Overwrite&gt; &lt;Resolution&gt;72&lt;/Resolution&gt; &lt;/GTechPDFPrinter&gt;</pre> <p>Users use the same information above and see an error : Overflow Plot produced may be incorrect.</p>

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.10001, .10002, .11001 - .11005

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	CR #	Product	Summary	Description/How to Reproduce
				Resolution: Changed code such that if full path is specified in GTechPDFPrinter OutputFilename tag, the output file is generated in the specified path and both Tempfolder and Webfolder are ignored.
39.	1-92F4PL 1-98J0BN	G/Technology Designer	Add feature that caused a break to the IGTAApplication.Properties collection in G/Technology for FOW 1.1	Add the feature (IGTKeyObject) that caused a break to the IGTAApplication.Properties collection so FOW can use it in an IGTPostBreakLinear implementation.  Resolution: Provided a solution for FOW to get access to the feature that caused the break.
40.	1-943S9L 1-98J0FJ	G/Technology Designer	API DataContext.OpenRecordset fails with generic oracle messages.	Certain commands randomly fail in certain calls to the database.  Resolution: These commands no longer randomly fail.
41.	1-94NJTO 1-98J0IL	G/Technology MobileViewer	Save View to DGN not honoring legend overrides	Save As DGN is not honoring legend overrides.  Resolution: Fixed the problem by honoring legend overrides for SaveAsDGN, SaveAsPNG, SaveAsPDF, SaveAsAutoCAD, AttachCADFile, and AttachRaster command requests coming from multiple clients (with different legend overrides) to a mapserver.
42.	1-960T7Z 1-98J0Y5	G/Technology Designer	Problems exporting and saving plots when graphic overrides exist	Problems exporting and saving plots when Graphic Overrides exist  Resolution: The software correctly sets the node type for Temporary Geometry while building the tree object which is used by the GetDisplayControlNodes object and logging an error if the node type was not found instead of defaulting to query node type.
43.	1-965F3C 1-98J11H	G/Technology Designer	Mobile increment failing	The publish subset process did not properly handle reading a newer version of the DDC file after reading an older version of a DDC file which was the secondary data type DDC file.  Resolution: Publishing incremental subsets works as expected.
44.	1-975A6T 1-98J0W7	G/Technology Designer	Improvement for panning WMS in G/Technology designer.	Develop a solution for improving WMS rendering for multiple subsequent pan operations. Suspend WMS rendering until the sequence of pan operations ends.

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.10001, .10002, .11001 - .11005

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				Resolution: A new Delay WMS refresh when panning option is available. It allows users to control when WMS data is refreshed during pan operations. It is On by default. The Delay interval allows users to specify how long the Pan command waits before refreshing WMS data. The default is 1500 milliseconds (ms) or 1.5 seconds. The valid range is 1 ms (0.001 seconds) to 10000 ms (10 seconds).
45.	1-95NEQ9	G/Technology MobileViewer	Error on the Feature Explorer dialog tab using 10.1 SP1 MobileViewer with 10.2 SP2 subset	<p>Error while displaying the dialog tab in the Feature Explorer for Cable Section tab when using 10.1 SP1 MobileViewer against a 10.2 SP2 subset.</p> <p>It is displayed as a Functional Interface error, "Item cannot be found in the collection corresponding to the requested name or ordinal." The tab contains no data.</p> <p>Resolution: Errors are due to removal of VBA fields in 10.2 being accessed in 10.1 SP3. Created a tool to add fields back to RAW files in a published subset.</p>
46.	1-92KQ5M	G/Technology Designer	Text shifted when exporting to CAD	<p>Text is not properly positioned when exporting to AutoCAD or MicroStation.</p> <p>Resolution: Fixed both the problems so that Export to AutoCAD and Export to MicroStation positions text properly.</p>
47.	1-92VDG5	G/Technology Designer	Some elements (ellipse and shared cell) are not visible in attached DWG file	<p>When a DWG file is attached in a map window, some elements (cell and ellipse) are not visible.</p> <p>Resolution: All the elements are visible after attach.</p>
48.	1-91QFZV	G/Technology Designer	SaveAsAutoCAD fails when including both Geo-Detail map window contents in plot window.	<p>SaveAsAutoCAD fails when including both geo and detail map window contents. If users use just geo map window contents, the command works. If users use just detail window contents, the command works.</p> <p>Resolution: Improved the logic to persist the lost bookmark of frame recordset while executing SaveAsAutoCAD method.</p>
49.	1-94KWOK	G/Technology Designer	Replace error handling results in incorrect deletion of component data	When Replace command is run with a feature that is in an invalid state, the command correctly displays a message to the user but incorrectly deletes data associated with the selected feature.

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.10001, .10002, .11001 - .11005

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				Resolution: Correctly rolling back the feature's cached information when the rollback occurs.
50.	1-939NGY	G/Technology Administrator	Creating a new detail window from an existing window creates an empty window	<p>Creating a new detail window from an existing window creates a detail at an errant display scale and away from the indicated window.</p> <p>Resolution: The Detail Window opened when placing a new detail indicator was not empty. It was zoomed to the wrong location. This has been corrected, and the new window is now zoomed to the correct location</p>
51.	1-7N2GQH	G/Technology NetExport Server	Z -coordinate is not displayed in the exported CAD/DGN file.	<p>A Z -coordinate is not displayed in the CAD/DGN file exported from NetExport.</p> <p>Resolution: Fixed the problem to honor z-coordinate value for ArcView, DGN, and DWG. FME does not support z-value for MapInfo and ArcInfo.</p>
52.	1-8PJWHZ	G/Technology Designer	Bad performance when displaying placement icons tree	<p>After starting the command, it takes about 20 seconds to show the tree with the placement icons.</p> <p>Resolution: Fixed the problem so that the BMPs are loaded at a faster rate with new feature placement command.</p>
53.	1-91TR0J	G/Technology Designer	Open Detail Window is not displaying the complete list of details available in the AOI set.	<p>Open Detail Window is not displaying the complete list of details available in the AOI set.</p> <p>Resolution: The solution is to use the AOILI concept. In this case, the selected AOI feeds the value of its location identifier. This attribute value is used to query the component views of the detail indicator instead of using spatial filtering. This ensures that only those detail indicators that belong to the selected feature are listed on the Open Detail Window dialog box.</p>
54.	1-8Y6B9N	G/Technology Designer	Edit Box - Text Not Legible	<p>Edit box is presently using the current plot size font instead of a standard legible font size.</p> <p>Resolution: Enhanced the functionality of Edit text box by adding an Apply Style check box.</p>
55.	1-94UZLR	G/Technology Designer	Need to correct encryption string algorithm	Users can not use the encrypted connection string retrieved from Designer/Analyst API IGTDDataContext.ViewerEncryptedConnectionString for a plot request. This function returns an encrypted version different from NetViewer API.

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.10001, .10002, .11001 - .11005

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				Resolution: Changed the viewer connection string to use the actual configuration name that is passed in to the data context rather than the parsed value from the G/Technology Designer connection string.
56.	1-90ENZC	G/Technology Designer	Redline text missing in export to AutoCAD	Redline text is missing when a plot is exported to AutoCAD.  Resolution: Fixed the problem by handling both new line characters '\n' and '\r\n'
57.	1-8ZYFNL	G/Technology NetExport Server	NetExport not generating an error when G3E_FILTER includes a dynamic parameter that is non-numeric	NetExport is not generating an error if the ParameterValues collection is empty and G3E_FILTER contains a dynamic parameter. This happens only when the dynamic parameter to be replaced is non-numeric. For example, if the filter value is SWITCH_CENTRE_CLLI = '%1\$s', the software assumes it to be a valid filter and executes it on the component views even when there are no dynamic parameter values specified, thereby resulting in no records returned for that component view. It should have generated an error in this scenario.  Resolution: Updated the code to display the appropriate error in this scenario.
58.	1-915JBQ	G/Technology Designer	Key In Angle box mirroring symbols between 95 and 265 degrees	Workflow: 1. Access New Feature > Miscellaneous > Terminal > Non-CPR. 2. Place the Terminal on a (copper connector) Splice and owned it to the Splice. 3. Type 225 in the Key In Angle box and select OK. 4. The terminal looks like it is at 45 degree angle instead of 225. Users observed that for some reason when they enter 95 to 265 in this box, the result does not rotate correctly. It appears that when users enter a number in that range for the angle, it reflects the symbol over a perpendicular axis to the angle entered.  Resolution: Fixed the code to honor general parameters (RRALOW and RRAHIGH).
59.	1-91GIUW	G/Technology NetExport Server	Graphic information not being exported when using E00 NetExport Format Type	Users configured NetExport to use E00 (ArcInfo NetExport Format Type) in metadata. The export is successful but there is no graphical information exported.

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.10001, .10002, .11001 - .11005

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				Resolution: Updated the code to ensure that the geometry mapping is specified in terms of generic FME geometry attributes. At export time, FME objects will map these generic types into the type that corresponds to the E00 format.
60.	1-92URWL	G/Technology Designer	Disable translucency override for attached redlines because the fidelity is lost	Disable translucency override for attached redlines because the fidelity is lost going to NetPlot or when called from the API.  Resolution: The Translucency buttons on the Display Control are now disabled when attached redlines are selected.
61.	1-8XQJPX	G/Technology Designer	Engineering Plotting API - attached redlines losing fidelity - fill is not transparent in WebPlot	Redlines are printed, but in the map window redlines are not filled. They are filled in plot output.  Resolution: Redlines with transparent or hatched fill are now properly rendered when attaching or plotting redlines.
62.	1-8W79AZ	G/Technology Designer	Unable to use mixed-case passwords with the JLC Monitor	Some users have a security requirement to have mixed case passwords for their Oracle usernames. In Designer/Analyst, users have found that mixed case passwords can be used, but with JLC monitor, users have found that the username and password are submitted in UPPER case no matter how they are defined in Oracle.  Resolution: Modified JLCMonitor to allow the case-sensitive password to be used and retained.
63.	1-8YBUUH	G/Technology Designer	Replace feature error message needs to be changed	For any feature that does not have a feature state (landbase features) the message needs be to changed from "Invalid procedure call or argument" to "This feature does not participate in the Replace Function"  Resolution: Add validation of G3E_FEATURE.G3E_REPLACE prior to validating the replace filter field in G3E_WORKMGMT. Now, the normal error that the feature cannot be replaced is displayed if the replace filter defined in G3E_WORKMGMT does not exist in the feature.
64.	1-8E27N0	G/Technology Designer	Context Sensitive Help Non-modal custom command also opens product help	Context Sensitive Help non-modal custom command also opens product help.

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.10001, .10002, .11001 - .11005

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				Resolution: Made modification to product code to only display the requested custom Help topic.
65.	1-92500M	G/Technology Designer	Put better error handling in to the Set Detail Properties dialog.	Add better error handling to the Set Detail Properties dialog.  Resolution: After any unexpected errors on the Set Detail Properties dialog, the product responds as expected.
66.	1-8XAUOB	G/Technology NetViewer	Update NetViewer/MobileViewer to correctly process union queries	Update NetViewer/MobileViewer to correctly process union queries.  Resolution: Attribute queries with unions now work in NetViewer.
67.	1-8WS3JA	G/Technology Designer	Manhole detail polygon induces invalid geometry and invalid blob error.	A user can place a manhole polygon via Edit Feature from the Geographic Component graphic as a line with just two points instead of a polygon. G/Technology displays messages. If you save, the graphics are deleted, but it is an invalid geometry.  Resolution: This placement technique now checks the rectangle placement to ensure that it is valid. If it is not, a message is still displayed but the placement of the second point can resume.

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.09001

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1.	1-7TJDWJ	G/Technology Designer	Need to document the version of MicroStation supported with secondary data.	<p>The online help only states MicroStation v8 for the version of MicroStation supported for secondary data publish. The helps needs to be explicit on the exact version supported.</p> <p>Resolution: Added a new topic called MicroStation Element Types Support to Administrators Guide to G/Technology.</p>
2.	1-90T905	G/Technology Designer	Exported Redline text height and origin.y varies	<p>When redlines text is exported from a plot window, then the height and Y origin value varies in the exported V7 DGN file.</p> <p>Resolution: Optimized the code to give accurate height and Y origin values.</p>
3.	1-8WRTXE	G/Technology Designer	Always open new detail map window is not opening all details.	<p>Users have a Copper Cable that is entirely in detail; four details to be exact. The Cable is in the following details (beginning to end):  Xx1305d04u  Xx1305d05u  Xx13-5c01u  Xx1305c02u  Set the AOI to State &gt; Community  Run a Find &gt; Include detail – Always open new detail map window &gt;  Quick Reference &gt; Criteria &gt; Cable &gt;  Cable ID: 044  Low: 1  High: 100  Select OK.  It opens the first two details, but not the third and fourth detail windows.</p> <p>Resolution: The command now opens all of the detail windows as expected.</p>
4.	1-8XBIPB	G/Technology MobileViewer	Publish Subset - "Delete Subset" and "Archive Subset" are getting permission denied	<p>Publish Subset "Delete an existing subset" option is receiving a Permission Denied error in some cases. When this happens, everything is deleted from the subset except the raster and hyperlinks folder and files/folder under it. Note that this problem does not occur using older</p>

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.09001

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				subsets that do not have the new raster and hyperlinks multilayered folder structure.  Resolution: Subset folder will be deleted without error message.
5.	1-8GJNHB	G/Technology MobileViewer	Mobile Viewer Performance issue - Loading imagery is too slow	Loading imagery is too slow and while zooming out it frequently times out when the raster file is located on an UNC share which is stored in the database attribute, and the MobileViewer device is on the network
6.	1-8X0XN9	G/Technology MobileViewer	MobileViewer is trying to access raster files over the network in some cases.	With the changes to the file locator for raster files using the new multilayered folder structure, MobileViewer should not attempt to access raster files across the network. If the file is not found in the expected location in the raster-hyperlinks folder of the installed subset, as a last resort it is looking at the path in the data and if that path is over the network, it is looking there.  Resolution: MobileViewer is looking raster file only at the installed subset folder.
7.	1-8XHBAY	G/Technology MobileViewer	MobileViewer should be using installed subset only to locate raster files, not Field FileUNCPATHS.xml	Currently, If an entry for raster files or other paths exists in the Field FILEUNCPATHS.xml, this will be used to locate the raster files.  Resolution: MobileViewer is looking at the raster file under raster-hyperlinks folder within the installed subset.
8.	1-8WK61T	G/Technology Designer	Feature colors not correct on export to MicroStation from records	When doing an export to MicroStation from the G/Comms records environment, the feature colors are not always being reproduced correctly. Resolution: Fixed the problem so that the color palette from the seed file is used during export to MicroStation and hence the correct colors are displayed per the seed file's color palette.
9.	1-8WDPO9	G/Technology Designer	Custom line style not being applied during Save As AutoCAD	Custom line style is not being applied during Save As AutoCAD.  Resolution: Updated the Teigha library code to handle the comma (",") case correctly.

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10.	1-8WFE9N	G/Technology Designer	Issues in Reassign Details command that have surfaced because of recent Detail-in-Detail work	<p>The Reassign Details command does not work when Detail Detail Indicators are present in the data model. The Find button is finding orphaned details that are not orphans.</p> <p>Resolution: The command has been modified to correct the algorithm for finding orphaned details.</p>
11.	1-8UW9M5	G/Technology Designer	Issues when feature has a Geo Detail Indicator component AND a Detail Detail Indicator component.	<p>When a feature has a Geo Detail Indicator component AND a Detail, Detail Indicator component, there are a number of unexpected behaviors.</p> <p>Resolution: 1) The Detail relationship software expected that for a particular G3E_FNO in G3E_DETAILS_OPTABLE there would be only one value for G3E_GEOGRAPHICCNO. When a feature has two indicator components, this is not a valid assumption. The Detail relationship has been modified to be aware that a feature might have more than one detail referencing component (usually a geographic and a detail).</p> <p>2) The command was only displaying the details indicated by one of the two detail referencing components of the Drawing Indicator feature. The command has been modified to be aware that there might be more than one detail-indicating component (geographic and detail) in a feature.</p>
12.	1-8VZTXS	G/Technology Designer	Open Detail Window is not displaying the complete list of detail available in the AOI set.	<p>Open Detail Window &gt; Browse for details within an AOI does not return all the detail windows.</p> <p>Resolution: The command was only displaying the details indicated by one of the two detail referencing components of the Drawing Indicator feature. The command has been modified to be aware that there might be more than one detail-indicating component (geographic and detail) in a feature.</p>
13.	1-8WSGT3	Application G/NetExport	Error message is displayed when opening the NetExport sample web page	<p>The following error message is displayed when connecting to NetExport: The sample checks NetExport Client control version on the first usage and therefore you must enable the 'Initialize and script ActiveX Controls</p>

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				not marked as safe' option for the security zone in which you are viewing the page and refresh the page.  Resolution: Install desktop along with NetExport.
14.	1-8VYXQ3	G/Technology Administrator	Incorrect integration of MG3ECreateOptimizedTables.sql	Incorrect integration of MG3ECreateOptimizedTables.sql. Mixed up changes in G3E_DIALOGATTRIBUTES_PKG between 10.1 SP3 and 10.2 SP1.  Resolution: Integration problem from 10.1 SP3 to 10.2 SP1. vc2Select array created correctly and procedure does not fail.
15.	1-8WMMV6H	G/Technology NetViewer	Stabilization "JobApostropheSupportInNetViewer101" test failure.	Unable to fit the currently viewed jobs using Fit the selected job(s) in NetViewer under Jobs menu.  Resolution: In the FitJob() method of Map.aspx, the AppendQuery method was not appending the results since oMapRequest.GenerateMap = false. Changing the value to true solved the issue.
16.	1-8WPQO1	G/Technology MobileViewer	ODTR trace is failing with an error message.	ODTR is failing with an error message: "ActiveX component can't create object   An error occurred while executing the trace. Please contact your System Administrator for assistance."  Resolution: Put delivery of DotNetManager.dll, DotNetManager.tlb, DotNetEventHelper.dll, ad ODTR.dll back into GTechMaxCore.ism and remove from GTechDesktopCore.ism
17.	1-8W1OX3	G/Technology MobileViewer	Publish Subset not working as expected	PublishSubsetService.exe is hanging. Users are unable to publish a subset.  Resolution: The queries were updated to use B\$ tables.
18.	1-8W1UP5 1-8W3MOL	G/Technology Administrator	Unable to create a Secondary database connection.	Secondary Connection types are not displayed in the "Database Connection Wizard".  Resolution: Updated GTechMaxCore.ism to include the external registration files for each secondary data component.

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19.	1-8VHVL3 1-8WE55V	G/Technology NetExport Server	Unable to export map window content to MicroStation (.dgn) format	An error occurred when exporting the Conductor and Pole features placed in a Design Area to MicroStation format (both V7 and V8).  Resolution: Added fix to handle carriage returns in addition to newlines in the text.
20.	1-8VE7BQ	G/Technology Designer	Disable symbology overrides for attached redlines because they do not retain fidelity of hatching and fill	The Symbology button should be disabled when an attached redlines node is selected.  Resolution: The Symbology button does not enable when an attached redlines node is selected.
21.	1-6KF1HE 1-8VJN7R	G/Technology Designer	WMS map disappears when the scale is less than 9400	Coordinate transformations are sometimes poor when relying on a WMS site's full range (BoundingBox) of coverage for a given EPSG code. This causes WMS images to be distorted or to not display at certain display scales.  Resolution: Added support for a new INI parameter called [WMS Area of Interest], which gives users control over the range of data that is requested from a WMS site.
22.	1-7QB9KM 1-8VKO4X	G/Technology Designer	Displaying raster images crashes G/Technology when GeoMedia installed	Displaying raster images crashes G/Technology when GeoMedia is installed.  Resolution: Commented the code portion that creates GeoMedia.RasterInfoBufferService in G/Technology.
23.	1-6QL65G 1-8VKNR1	G/Technology NetViewer	NetViewer opens the Analysis command page frame while executing a toolbar custom command	NetViewer opens the Analysis command page frame while executing a toolbar custom command.  Resolution: The page frames display as expected.
24.	1-7B9RUE 1-8VKNWV	G/Technology Administrator	G3EVALIDATE package fails while validating a feature with a VARCHAR2 traversable attribute	G3EVALIDATE package fails while validating a feature with a VARCHAR2 traversable attribute.  Resolution: Look at the column type instead of the data that was being stored in it.

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25.	1-7L1WDQ 1-8VKYHP	G/Technology Designer	Bringing a Fiber Report trace through to the plot window creates corrupt PDFs	<p>Bringing a Fiber Report trace through to the plot window creates corrupt PDFs.</p> <p>Resolution: When constructing the layer hierarchy that is embedded into the generated PDF file, the special characters, [ ] and ( ), are substituted with another character in each query/trace name, plot window map frame name, and metadata layer name. The substitutions appear in the generated PDF file only. Query/trace names, plot window map frame names, and metadata layer names are not changed.</p> <p>The following character substitutions are performed:            [ is substituted with &lt;            ] is substituted with &gt;            ( is substituted with {            ) is substituted with }</p>
26.	1-8DVCYN 1-8VKNOJ	G/Technology Administrator	Performance of metadata publish takes 25% longer in comparison to version 10.1 SP3	<p>Performance of metadata publish takes 25% more time in comparison with version 10.1 SP3.</p> <p>Resolution: The publish process does not take more time to execute G3E_DIALOGATTRIBUTES_PKG.CREATEOPTIMIZEDTABLE.</p>
27.	1-8O2N4J 1-8VKNO9	G/Technology NetExport Server	Hover and snap are not working properly for multiline text in MicroStation file from NetExport	<p>Steps to reproduce:</p> <ol style="list-style-type: none"> <li>1. Configure a feature having multiline text label for NetExport, E.g. Pole label, and set alignment for it to right top.</li> <li>2. Export to MicroStation from NetExport.</li> <li>3. Open the MicroStation file then zoom to multiline label for which alignment was set to right top.</li> <li>4. Observe that when users hover over right half of text, it is not highlighted though text will be highlighted when users hover on left half and also when they snap on it. Snapping is done on center of text. There is miscalculation in the length of the text.</li> <li>5. The same scenario is observed when text alignment is set to center top for a label in G/Technology.</li> </ol>

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	CR #	Product	Summary	Description/How to Reproduce
				Resolution: Added functionality for writing multiline text to the .dgn file (MicroStation format) as it looks in G/Technology, thereby preserving the justification and avoiding the breaking of multiline text into single-line text features.
28.	1-8QN5Q0 1-8VJNB3	G/Technology NetViewer	NetViewer map services not stable	<p>Since upgrade to 10.02.0001.06006, the NetViewer Server is not stable. After a while all map server services seem to hang.</p> <p>Resolution: The map request initialization code was changed so that it attempts to move a user's previous query results only when required.</p>
29.	31744_U	G/Technology Designer	Highlight of components if an additional component is added	<p>Highlight of components if an additional component is added -- If a feature is placed with some different graphic components that are visible in different legends and an additional graphic component is added to this feature using New Component, all already placed components are displayed during the placement even if there is no entry in the legend of the actual map window for some of the components (e.g. overview components).</p> <p>Resolution: Components that are not part of Active legend do not display and the behavior is similar to Feature Explorer (add new component via Geometry tab).</p>
30.	1-8K9V0E	G/Technology NetPlot Server	G/Technology fails when multiple plot units defined in Netplotservice.exe.config	<p>Users observed that when submitting the same plot request several times, G/Technology fails with the following error message : Status = FAILURE Errors: Unable to open Workspace. The username, password or configuration may be incorrect. Error opening the workspace</p> <p>If users have just one plot unit defined in the Netplotservice.exe.config file, they can send the same plot request several times without failure.</p> <p>Resolution: This is a documentation issue. G/Technology updated the NetPlotService.exe.config File administrative help topic and the Release Notes.</p>

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	CR #	Product	Summary	Description/How to Reproduce
31.	1-8VBMM7	G/Technology MobileViewer	The bat file InstallUltiDvCassini.bat needs to quote the path for gacutil.exe otherwise it fails to	The bat file InstallUltiDvCassini.bat needs to quote the path for gacutil.exe, otherwise it fails to register the UltiDevCassiniHttpRequestProcessor2.0.dll when installing Cassini.  Resolution: Added the quote as required.
32.	1-8UJ4EV	G/Technology MobileViewer	Sorting Complements on dialog tabs not working properly	G3E_DIALOGTAB.G3E_ORDERBYKEY metadata is populated properly, but the Complements tab is not sorted.  Resolution: The software now applies the G3E_DIALOGTAB.G3E_ORDERBYKEY metadata to non-component tables (for example, foreign key and domain tables) when a dialog tab consists of traversable attributes only.
33.	1-8PWX3N	G/Technology Designer	User-defined line styles DGN are not displayed properly	A DGN user-defined line style (UDLS) which is a compound of "Internal" line and Point components is not displayed properly when the style is attached to G/Technology using the Attach Vector Data command. The "Internal" line style is missing in a G/Technology map window. When the user defines a line style which is compounded of Stroke and Point, the style is displayed properly in G/Technology.  Resolution: Fixed the problem so that all the UDLS appear correctly on attaching the DGN file.
34.	1-8Q00M1	G/Technology Designer	Detail Indicators that are Detail Components are not coded correctly throughout the product.	Detail Indicators that are Detail Components are not coded correctly throughout the product. A Detail Component should always have a G3E_DETAILID field. A Detail Indicator has a field for Detail ID, but the name must be looked up in metadata. There are places in the code where references to the Detail ID field are hardcoded where they should be looked up, and places where the references are looked up where they should be hardcoded. This needs to be corrected throughout the product.  Resolution: Entire codeline has been searched for references to the Detail ID field and modified to either hardcode the field (G3E_DETAILID)

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				or look up the name of the field in metadata as is appropriate for the current situation.
35.	1-8QRUNH	G/Technology Designer	Fix places in code where G3E_DETAILS_OPTABLE.G3E_ATTRIBUTENAME is being used as a table name.	<p>Fix places in code where G3E_DETAILS_OPTABLE.G3E_ATTRIBUTENAME is being used as a table name. It is not a table name. Users must get the corresponding table name from G3E_COMPONENTINFO_OPTABLE.</p> <p>Resolution: Instead of retrieving G3E_DETAILS_OPTABLE.G3E_ATTRIBUTENAME, the code now retrieves G3E_DETAILS_OPTABLE.G3E_ATTRIBUTECNO and uses it to get the G3E_TABLE from G3E_COMPONENTINFO_OPTABLE. This is the table name to use for later queries.</p>

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	CR #	Product	Summary	Description/How to Reproduce
1.	1-7ZZ6ZP	G/Technology MobileViewer	Need ability to configure sort field(s) on horizontal dialog tabs	<p>Users need to be able to rely on the rows displayed on horizontal dialog tabs to be sorted consistently in desktop and Viewer products in an order configured for the system.</p> <p>Resolution: Added new column, G3E_ORDERBYKEY, to the G3E_DIALOGTAB metadata table. This new column will hold the ORDER BY clause to be applied to the ADO recordset to be used to populate the HorizontalAttributeGrid. The column was also added to the language sub-tables and to G3E_DIALOGS_OPTABLE. The InitializeControl method on the HorizontalAttributeGrid control looks for the new metadata column and if a value is found applies the value to the recordset.</p> <p>This implementation does have the limitation that only one component can be used in a HorizontalAttributeGrid instance for the ordering to be used.</p>
2.	1-8QR6VN	G/Technology Designer	Orderby functionality on horizontal dialog tab is not tolerant of missing metadata.	<p>New metadata is required for the new orderby functionality on horizontal dialog tabs. Code is not tolerant if this metadata is missing.</p> <p>Resolution: Modified the HorizontalAttributeGrid logic to handle the absence of the G3E_DIALOGS_OPTABLE.G3E_ORDERBYKEY field.</p>
3.	1-8QMWHB	G/Technology Administrator	Upgrade Wizard is hung during running the incremental script	<p>UpgradeWizard hangs when users run ..\Services\IncrementalUpgrades\Build10.02.0002.06001\Metadata Upgrade\MG3ELanguageSubTableUtils.sql. Also need to wrap up this file.</p> <p>Resolution: The Upgrade Wizard is running properly.</p>
4.	1-7U7H4Q 1-8Q8PNZ	G/Technology Administrator	Error on specifying the WMS cache server link	An error displays when a user specifies the WMS cache server link.

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				Resolution: Added WMS 1.1.1 methods to the Cache Filler WMS facade and SDI Pro windows service.
5.	1-7XUJQB 1-8FEFV4	G/Technology Designer	Update GDOGML and GMWMSRasterEngine to latest version from GeoMedia.	Update GDOGML and GMWMSRasterEngine to latest version from GeoMedia.  Resolution: These components have been updated.
6.	1-8219YF 1-8Q8G1B	G/Technology Administrator	Unable perform Zoom operation when WMS layers are turned on in the display control.	When the WMS layer checked in the display control try to Zoom IN. The zoom scale changing in the status bar but Map Window does not fit to the Map Window. Uncheck the WMS layer and perform Zoom operations it works fine. Problem is only reproduced when there is WMS layer  Resolution: WMS data that cannot be properly transformed does not cause the G/Technology display to stop rendering.
7.	1-7P6G00 1-8FEFN2	G/Technology NetExport Server	NetExport does not work with UNCPath (shared path)	NetExport does not work with UNCPath (shared path). Resolution: Provided fix by using SetCurrentDirectory winapi instead of ChDrive and ChDir.  Resolution: Provided fix by using SetCurrentDirectory winapi instead of ChDrive and ChDir.
8.	1-7QZ6TW 1-8FEFS2	G/Technology Designer	Settings not saved correctly to the workspace	Customizations to a saved workspace are not being saved when there is a published menu layout.  Resolution: G/Technology no longer overwrites the "Version" value in the registry from that which was obtained at the time of login.
9.	1-7QZCS2 1-8FEFQE	G/Technology Designer	All components in the active legend option selects components which do not exist in legend	All components in the active legend option selects components which do not exist in the legend.  Resolution: Correctly find the filtered CNOs for the currently active legend.

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10.	1-7TXY6H 1-8Q8G2P	G/Technology Administrator	G3E_OWNERSHIP relationship - delete of child features	G3E_OWNERSHIP.G3E_DELETE setting is not working when the ownership relationship is defined between two non-graphic features.  Resolution: A proper error message is displayed when trying to delete non- graphic a parent feature with child feature where G3E_OWNERSHIP.G3E_DELETE = 4. (This is similar to Graphic feature as Parent.)
11.	1-7UYOF0 1-8FEG00	G/Technology Designer	Problems getting WFS-attributes displayed in Feature Explorer	Users have set up a simple WFS layer using GeoMedia Web Map: <a href="http://lb.imaps.nu/FFGepProWFS/request.aspx?&amp;service=WFS">http://lb.imaps.nu/FFGepProWFS/request.aspx?&amp;service=WFS</a> . Users can access the service and display attributes in GeoMedia and in G/Technology. The WFS metadata and features are shown on the map; however, when users click on the features, they do not stay "selected" (the highlight stops after a second). Users cannot explore the attributes of the feature.  Resolution: Provided a fix in the WFS data server so that if the software fetching the data with an attribute filter fails, the filter in the url is removed. All feature instances are retrieved.
12.	1-7WGRIV 1-8Q8JGX	G/Technology Administrator	Requesting additional diagnostics for JobProcessingService.cls and DataContext.cls	Users are sending messages to Message Monitor to update the G3E_JOB record RESPONSIBLE_PERSON_NAME. From the diagnostics log, the update seems to be occurring in the JobProcessingService.cls and DataContext.cls. The Oracle trace shows that the update never makes it to the database but diagnostics shows the update occurred.  Resolution: Moving the error handler logic to the body of the method corrected this. The specified outgoing queues should exist, but if not, the software will now clean up correctly and allow subsequent requests to be processed.
13.	1-7XUJQB 1-8FEFV4	G/Technology Designer	Update GDOGML and GMWMSRasterEngine to latest version from GeoMedia.	Update GDOGML and GMWMSRasterEngine to latest version from GeoMedia.

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				Resolution: These components have been updated.
14.	1-8537IF 1-8FEFRS	G/Technology Designer	Edit common attributes issue related to the performance fixes	<p>When using the keyboard to select a field in Edit Common Attributes, the value is not selected by using first letter of the picklist value and pressing the Enter key. Selecting a field using a mouse works fine, and the value can be selected. If the user replaces the original .28002 dlls, the issue does not occur.</p> <p>Resolution: Users can select the value from a picklist and press Enter. The selected value is persisted.</p>
15.	1-86RIBL 1-8FEG0Y	G/Technology Designer	Export to CAD failing when regional settings are set to German	<p>Users have configured a NetExport server so that the user who owns the NetExport service is an Oracle-authenticated user. They can successfully use the Designer/Analyst Export to CAD command with a metadata-defined export format when regional settings are set to English. If users change the regional settings to German, they get only a log file if logging is turned on. The issue occurs on a single machine as well as a machine that connects as a client. Users have noticed that the coordinates for the MBR are not being honored correctly. For example :</p> <p>MBR Coordinates for ENGLISH : 364736.145355638,4103474.77803383,365268.266046993,4103474.77803383,365268.266046993,4103829.09254295,364736.145355638,4103829.09254295</p> <p>MBR Coordinates for GERMAN : 364736,145355638,4103474,77803383,365268,266046993,4103474,77803383,365268,266046993,4103829,09254295,364736,145355638,4103829,09254295</p> <p>Users are not sure if the "," delimiter might be causing the issue. It appears that the comma delimited coordinates are being used as XY coordinates; therefore, instead of four points there are eight points when regional settings are set to German.</p>

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				Resolution: Changed the locale settings while retrieving the extents when using an MBR.
16.	1-8BHLW 1-8Q8JNV	G/Technology NetExport Server	NetExport: G/Technology justification does not match justification in MicroStation V8 output.	<p>Users have found two issues when exporting to MicroStation V8. First, if justification is defined as "Left" in G3E_TEXTSTYLE, then the justification in the MicroStation output will be set to "Left Margin Center". They are not sure if this is expected results. Secondly, if the G/Technology snap point is defined as "Left", for example when moving a text component, then the snap point in the MicroStation output is set to "Right".</p> <p>Resolution: By properly mapping the alignment values of G/Technology to MicroStation supported Justification values, which FME honors, the problem is resolved.</p>
17.	1-8CTU7F 1-8Q8G6V	G/Technology NetViewer	Got an Overflow exception during computation of the color palette in MapServer.	<p>The MakePalette function tried to get the G3E_STYLEOBJECTS_OPTABLE using GetFilteredRecordset. Inside GetFilteredRecordset, the call to FilterBookmarksForRecordset got an overflow on the index of the array of bookmarks because the index type is an int16 type and the dataset has more than 32K style objects. The index type should have been a VB long type.</p> <p>Resolution: Declared iBookmarkCount variable as long and changed the variable name to lBookmarkCount following the naming convention in Visual Basic.</p>
18.	1-8FWW1J 1-8Q8GAH	G/Technology Designer	Receiving "Invalid procedure call or argument" error when using command Send to WMIS	Customer is in the process of converting their STORMS Work Management system to a LOGICA Work Management system. Support has been helping the customer during this conversion. We believe we have configured all required metadata but now support needs development's assistance debugging our latest error message which is "Invalid procedure call or argument". It appears the failure is occurring in subroutine ProcessFNO in the send to WMIS source code. We have tried to narrow down the

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				<p>failure but have been unable to pin point the failure. We can reproduce the problem locally.</p> <p>Resolution: We were not correctly doing a check for PS_TYPE component name or the field name first before getting the component recordset and checking for IsNULL while processing the point span. Also while processing the compatible units we were not doing a NULL check on action field.</p>
19.	1-8GQ5VF 1-8Q8JSB	G/Technology Administrator	Temporary Geometry placement throws error when G3E_TEMPORARYGEOMETRYPLACEMENT.g3e_autorepeat=1.	<p>Users have implemented an IGTTemporaryGeometryPlacement interface and it throws the errors when G3E_TEMPORARYGEOMETRYPLACEMENT.G3E_AUTOREPEAT is set to 1.</p> <p>Resolution: The New Temporary Geometry command properly cleans up between each placement of an auto-repeating temporary geometry placement interface. The SampleGrid temporary geometry placement interface successfully places a rectangular series of grid marks.</p>
20.	1-8HPGCD 1-8Q8GD9	G/Technology Administrator	Message Monitor: Unable to create new jobs after trying to create a job that already exists.	<p>Users are unable to create new jobs in Logica after trying to create a job that already exists in the G3E_JOB table.</p> <p>Resolution: Moving the error handler logic to the body of the method corrects this. The specified outgoing queues should exist. If not, the software will now clean up correctly and allow subsequent requests to be processed.</p>
21.	1-8I3OZ2 1-8Q8G39	G/Technology NetPlot Server	NetPlot: G/Technology becomes unstable when submitting multiple plot requests	<p>Users have found that the G/Technology process is unstable after submitting multiple plots. For example, the first plot request contains calls to a plot interface, and is successful. If a second plot request is submitted that makes no calls to a plot interface, the second plot request fails with an error message: Automation error The object invoked has disconnected from its clients. InitializePlot method of CustomPlotInterface failed. Object variable or With block variable not set. Error occurred</p>

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				<p>while attaching ad hoc files. Object variable or With block variable not set. Other error messages are seen after the above error is seen: Error processing the submitted plot request.</p> <p>Resolution: No error messages are displayed.</p>
22.	1-8MJ5L1 1-8Q8JLD	G/Technology Designer	Creating new map window after deleting one crashes for a certain workflow.	<p>G/Technology crashes when users create a new map window after deleting one.</p> <p>Resolution: Creating a new map window is stable.</p>
23.	1-8MJ5MS 1-8Q8JWH	G/Technology Analyst	Deleting an embedded map causes G/Technology to stay up in memory.	<p>Deleting an embedded map causes G/Technology to stay up in memory.</p> <p>Resolution: The G/Technology application closes correctly after deleting an embedded map.</p>
24.	1-8NB7CR 1-8Q9X7R	G/Technology NetPlot Server	G/Technology crashes when using custom plot interface and using G/Technology PDF Converter after second request.	<p>G/Technology is unstable after using the custom plot interface and using the G/Technology PDF Converter. For example, the first plot request will contain calls to a plot interface, and G/Technology PDF Converter. The first plot request will be successful. If a second plot request is submitted that makes no calls to a plot interface, the second plot request will succeed but G/Technology will crash.</p> <p>Resolution: Release the custom plot object and call garbage collector to free up the .NET custom plot object which in turn was holding onto COM Plot window object.</p>
25.	1-8OAJMN 1-8Q8G5R	G/Technology Designer	Error thrown while debugging temporary geometry interface.	<p>An exception is thrown while debugging a temporary geometry interface implementation. The problem occurs when stepping over the PlacementHelper.EndPlacement method. The exception includes the error message: "Object variable or With block variable not set."</p>

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				Resolution: EndPlacement logic has been corrected so that you can successfully debug your temporary geometry placement interface implementation.
26.	1-8OAJPA 1-8Q8JT5	G/Technology Designer	The SampleGrid temporary geometry interface gives Overflow error if more than 32767 markers are created	Fix Overflow error to allow for more than 32 thousand grid markers to be created.  Resolution: The Sample Grid temporary geometry placement interface now allows more than 32767 markers to be placed.
27.	1-8OLN9B	G/Technology NetViewer	Raster data cannot be displayed by NetPlot when Raster file with World file used.	Users need the ability to plot Raster files in NetViewer using CSF and world file.  Resolution: NetPlot did not have support to transfer the World file (.tfw, .sdw or .jgw) to the NetPlot Application Server. Also the image type for a raster georeferenced by a world file was incorrectly returning as No Header which resulted in failure to display raster data.
28.	1-8PVYPX	G/Technology Designer	Need API for NetViewer/NetPlot formatted connection string in Designer	There is currently an EncryptedConnectionString method in the Designer API, but its format is not valid for use in NetViewer/NetPlot. Need to extend the API with methods for retrieving the connection string in ConfigurationName: ;UserName: ;Password: ; format in both plain text and encrypted.  Resolution: Added ViewerConnectionString and ViewerEncryptedConnectionString methods to the Designer API.
29.	1-8NPAIF	G/Technology NetViewer	Update setup to deliver ViewerAPITester sample and deliver the correct satellite assembly	Currently G/Technology does not deliver the ViewerAPITester sample used for testing the Viewer Pubic API (Intergraph.GTechnology.Viewer.dll) assembly.  G/Technology also needs to update setup to deliver satellite assembly Intergraph.GTechnology.Viewer.resources.dll instead of ViewerPublicAPI.resources.dll.  Resolution: ViewerAPITester sample is delivered.

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				Resource file renamed from ViewerPublicAPI.resources.dll to Intergraph.GTechnology.Viewer.resources.dll Deliver Intergraph.GTechnology.Viewer.dll in Program\GViewerApp\bin as well as Program as it has been doing.
30.	1-8PID12	G/Technology Designer	Attach vector Data =] MicroStation V8 file does not show text and symbols properly	Attach vector Data =] MicroStation V8 file does not show text and symbols properly if a symbol with the character 'Y' ( symbol with fill ) exists in a design file. This is due to a problem in the underlying TEIGHA library =]  Resolution: The symbols in a design file that has the symbols made of complex shape fill are visible when the file is attached.
31.	1-8O2MYL	G/Technology Designer	Size of text in plot window and map window is increasing after clicking on Export to V7 and V8 formats	Steps to reproduce: 1. Invoke a map window and zoom to an area where poles (poles in INS state) are visible. 2. Open the plot window and replace the map frame with map window1. 3. Place redline text in the plot window with style name as Pole label – INS and increase the size to a high value. Click on Export to DGN MicroStation V7 or V8 format. 4. After export, observe that the text size is increased for all the pole labels in INS state in the plot and map window.  Resolution: Provided fix to take a copy of original style so that actual style will not be modified.
32.	1-5OF17X	G/Technology Designer	Export CAD to MicroStation V7 is shifting the origin of G/Technology oriented points	Oriented point features are written to V7 DGN with a wrong coordinate (shifted about .5 to 1m).  Resolution: Fixed the problem of origin shift for oriented points for V8. For V7, the user needs to set the resolution in the seed file so that the precision is more accurate and the origin is correctly set.

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33.	1-8GJ17Z	G/Technology Administrator	Request a new help topic describing the creation of Inner ducts	<p>Help has topics for Formations and Ducts, but not Inner Ducts. Customer requests an inner duct topic to be added that outlines the placement of inner ducts.</p> <p>Resolution: Added the new Designer/Analyst topic Placing Inner Ducts and made tweaks to topics that talk about defining/configuring/placing ducts.</p>
34.	1-8OL2CJ	G/Technology Administrator	Metadata documentation is out of date for horizontal grid	<p>Metadata documentation is out of date for horizontal grid.</p> <p>Resolution: Updated G3E_DIALOGTAB, Dialog Tab Presentation , Dialog Tabs Metadata topics.</p>
35.	1-8OFPN1	G/Technology Designer	Area fill overrides for attached redlines do not work if area has transparent or hatched fill style.	<p>Steps to reproduce:</p> <ol style="list-style-type: none"> <li>1. Use the Attach Redlines command to attach a redline file with areas that have either a transparent or hatched fill style.</li> <li>2. Select the new node in the Display Control.</li> <li>3. Click the Symbology button in the Display Control toolbar.</li> <li>4. Turn on the Override color checkbox.</li> <li>5. Select a fill color and click OK.</li> <li>6. The fill color is not applied to areas that have a transparent or hatched fill style. If users override translucency at this point, the fill color appears properly for the hatched areas, but the fill color is not quite right for the areas that had the transparent fill style.</li> </ol> <p>Resolution: If a fill color, and optionally translucency, overrides are selected, they are properly applied to areas that started with a transparent or hatched fill style.</p>
36.	31744_U	G/Technology Designer	Highlight of components if an additional component is added	<p>Steps to reproduce:</p> <ol style="list-style-type: none"> <li>1. Place a feature with some different graphic components that are visible in different legends.</li> </ol>

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				<p>2. Add an additional graphic component to this feature using New Component.</p> <p>All previously placed components are displayed during the placement even if there is no entry in the legend of the actual map window for some of the components (e.g. overview components).</p> <p>Resolution: Components that are not part of active legend do not display and the behavior is similar to Feature Explorer (add new component via Geometry tab).</p>
37.	1-8NWGF7	G/Technology Analyst	Fix queries to correctly handle the detail ID column names	<p>Fix queries to correctly handle the detail ID column names. Details themselves always reside in G3E_DETAILDID. But, detail indicator column names have to be looked up in metadata. Simple queries (with AOI) does not follow that rule.</p> <p>Resolution: Simple queries execute correctly.</p>
38.	1-8NPAGT	G/Technology NetViewer	Fix issues in Viewer API for Engineering Plotting and ViewerAPITester sample.	<p>The following issues related to Engineering Plotting work in Viewer Public API and the Viewer Test sample need to be fixed:</p> <ul style="list-style-type: none"> <li>• The name of the Viewer Public API assembly Intergraph.GTechnology.Viewer.dll and its satellite assembly were different, which threw an error missing satellite assembly.</li> <li>• The GetFileAttachments method was failing when a .csf file was used instead of registration points to attach CAD data.</li> <li>• In the ViewerAPITester sample G/Technology used a printer description field instead of a printer name field of GDR_GNVPRINTERS table which required both the fields to be same.</li> </ul> <p>Resolution: Correct the name of the satellite assembly for Intergraph.GTechnology.Viewer.dll to Intergraph.GTechnology.Viewer.resources.dll.</p>

G/Technology 10.2 SP2 Issues Resolved  
10.02.0002.06001, .06002, .06003

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	CR #	Product	Summary	Description/How to Reproduce
				<ul style="list-style-type: none"> <li>• A list of RegistrationPoint objects collection was not initialized and was NULL, which was used to create read-only collection in the case when the .csf file was used to attach adhoc data in GetFileAttachments method in Viewer Public API (Intergraph.GTechnology.Viewer.dll).</li> <li>• ViewerAPITester sample used printer</li> </ul>
39.	1-8NJ9DJ	G/Technology Designer	Add support for binding NULL values to Engineering Plotting API	<p>When using bound values in calls to IDataRequestService.ExecuteBoundArray, the support for binding NULL values is missing. It is not possible to pass null object or DBNull.Value object reference in parameters. The underlying code does not recognize it as a valid value and either skips its processing (in case of null reference) or reports invalid use of NULL (in case of DBNull.Value).</p> <p>In G/Designer API call DataContext.Execute it is possible to pass DBNull.Value as a parameter.</p> <p>Resolution: When generating the parameters collection the software checks if a parameter is null. If so, it creates a parameter of type adVarChar, with adParamNullable for Attributes, a size of 1, and a value of Null. This was tested in NetViewer and MobileViewer with several field types.</p>
40.	1-8LWSHP	G/Technology Designer	Redline Service API not handling embedded objects in the plot window	<p>RedlineService API is treating the embedded objects in a plot window as Windows and throwing an unhandled exception when a user tries to generate XML .</p> <p>Resolution: AddPlotFramesToDataGrid method ignores all IGTPlotFrame objects that are not of the type, gtpftMap.</p>
41.	1-8LLYWP	G/Technology Designer	Attached AutoCAD file is exported using SaveAsDGN API. Text in file is visible as individual element	<p>When an AutoCAD file is attached and exported to V7 or V8 using SaveAsDGNAP, text, multiline text or arc aligned text in the file is exported as single elements (shapes), not as text.</p> <p>Resolution: Enhanced code to honor text elements and text will be exported as expected.</p>

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42.	1-8LRZ2D	G/Technology Designer	Slight shift in the text elements from the attached DGN file when exported using SaveAsDGNAPI	Attach a DGN file in G/Technology and export it to DGN using SaveAsDGNAPI. There is a shift observed in text and point symbols.  Resolution: The software sets the font header correctly for all the fonts.

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10.02.0002.05001 – RTM

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1.	1-6A9YFW	G/Technology Administrator	Persisted Deltas Service failed with this error code: 0x800a0007	While running a couple of performance tests, users found the service works fine till they reached approximately 100 thousand records with ltt_id=0 in the modificationlog. Then the “Deltas Errored with this code: 0x800a0007” message can be seen in the operating system Application Event Log and no .dlt file is created. The VMWar- based server has 4GB of memory. It seems like error occurs as the service's memory consumption reaches approximately 500MB.
2.	1-7Z0504	G/Technology Administrator	Feature does not highlight the exact feature for Node Ordered Connectivity single feature dialog	A feature does not highlight the exact related feature for the Node Ordered Connectivity single feature dialog.
3.	1-7GXF7M 1-8FEFLO	G/Technology Administrator	G/Technology 10.2 Upgrade Wizard fails due to oracle permission	The 10.2 Upgrade Wizard fails at a step where it loads G3E_MENULAYOUT from a dump file. Prior to loading the dump file, the upgrade creates a tablespace named COBBT1010 but fails to alter the user quota to allow the dump file to be imported
4.	1-85ONZB 1-8FEFXW	G/Technology Administrator	PlotService public API issue with wrapper classes	PlotService public API has a wrapper class issue.
5.	1-89GJPV 1-8FEG2C	G/Technology Administrator	Unions with Attribute Queries Fails	Unions with attribute queries fails.
6.	1-89ZIOV 1-8FEG72	G/Technology Administrator	IGTDisplayService.Replace Legend() throws exception for owned detail IDs	When calling IGTDisplayService.ReplaceLegend() with a detail ID corresponding to a detail whose indicator exists in only one Indicator symbol, an exception is thrown "Could not retrieve detail information for the given detail id".
7.	1-8IF7QP	G/Technology Analyst	Add FindAssembly public API	Provide a method in the G/Technology public API to discover custom assembly locations. This will allow all G/Technology add-on software to find its custom interface implementations in the same locations that G/Technology discovers theirs.
8.	1-7XQBF7	G/Technology Designer	UserRscFonts parameter in gt.ini file is not honored.	If the user adds the full path of the .rsc file for DgnFontRscFile and sets UserRscFonts to 0 or 1 or removes UserRscFont from gt.ini file, the

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				attached MicroStation file uses the fonts stored in the .rsc file. Consider the cases below: Case 1: DgnFontRscFile= C:/font.rsc (the full path to the location of the .rsc files) and UseRscFonts=0, Result: The attached MicroStation file uses the fonts stored in the .rsc file. Case 2: DgnFontRscFile= C:/font.rsc (the full path to the location of the .rsc files) and UseRscFonts=1. Result: The attached MicroStation file uses the fonts stored in the .rsc file. Case 3: DgnFontRscFile= C:/font.rsc (the full path to the location of the .rsc files) and comment the UseRscFonts (i.e., # UseRscFonts=1) or delete this parameter Result: The attached MicroStation file uses the fonts stored in the .rsc file.
9.	1-700A2M 1-8FEFLE	G/Technology Designer	Getting ORA-01747 error while working with predefined queries.	Users are getting an ORA-01747 error while working with predefined queries.
10.	1-7ULHJD 1-8FEFOQ	G/Technology Designer	Pole attribute query that currently works in 10.1 now produces ORA error	A pole attribute query that currently works in 10.1 now produces an Oracle error.
11.	1-700A6D 1-8FEFQ4	G/Technology Designer	Getting ORA-00907 error while working with predefined queries	Users are getting an ORA-00907 error while working with predefined queries.
12.	1-7QZCS2 1-8FEFQE	G/Technology Designer	All components in the active legend option selects components which do not exist in the legend	All components in the active legend option selects components which do not exist in the legend.
13.	1-8537IF 1-8FEFRS	G/Technology Designer	Edit common attributes issue related to the performance fixes	When selecting a field in Edit Common Attributes which has a pick list via the keyboard, the value is not selected if selected via first letter of the pick list value and press the enter key. If selected via mouse clicks, it works (value can be selected). If a user replaces the original .28002 dlls, the

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				issue does not occur. Note that when using backspace/arrows and so forth, after selecting a value either with keyboard or mouse, the software presents more errors.
14.	1-7QZ6TW 1-8FEFS2	G/Technology Designer	Settings not saved correctly to the workspace	Customizations to a saved workspace are not being saved when there is a published menu layout.
15.	1-85KD0Q 1-8FEFVY	G/Technology Designer	"Object reference not set to an instance of an object" error thrown when running Fiber Optic Works commands.	Within the same session of G/Technology, if users close a workspace and open an existing or new workspace and try to run any Fiber Optic Works command like Fiber Feature Explorer or Fiber Feature Edit, they see this error: "Object reference not set to an instance of an object" error. This error is thrown when running any .NET custom command which uses GTClassFactory to create public objects after switching workspace within same G/Technology session.
16.	1-83WSW4 1-8FEFW8	G/Technology Designer	Plot window Hide Component command does not honor synthesized components	When users have synthesized components configured in the Display Control and run the Hide Component command on a plot window, the synthesized component is not hidden.
17.	1-86WOKM 1-8FEFZO	G/Technology Designer	The 10.2 application crashes when selecting an older workspace	The application will crash opening a saved workspace then using file open to open another saved workspace.
18.	1-852PKV 1-8FEFZA	G/Technology Designer	Changes made to upgrade WMS functionality reverted	Changes made to upgrade WMS functionality are reverted. Changes originally made in 10.01.0003 are integrated here.
19.	1-7UYOF0 1-8FEG00	G/Technology Designer	Problems getting WFS-attributes displayed in Feature Explorer	Users have set up a really simple WFS-layer using GeoMedia WebMap: <a href="http://lb.imaps.nu/FFGepProWFS/request.aspx?&amp;service=WFS">http://lb.imaps.nu/FFGepProWFS/request.aspx?&amp;service=WFS</a> . They are able to access the service and display attributes in GeoMedia and in G/Technology, and the WFS-metadata and features are shown on the map. However, when clicking on the features, they do not stay "selected" (the highlight stops after a second) and users are not able to explore the attributes of the feature.

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20.	1-86RIBL 1-8FEG0Y	G/Technology Designer	Export to CAD failing when regional settings are set to German.	Users have configured a NetExport server so that the user who owns the NetExport service is an Oracle-authenticated user. They can successfully use the Designer/Analyst Export to CAD command with a metadata-defined export format when regional settings are set to English. If users change the regional settings to German, then they only get a log file if logging is turned on. They see this problem with a single machine as well as a machine that connects as a client. There are no error messages in the debug log files but users have noticed that the coordinates for the MBR are not being honored correctly. For example : MBR Coordinates for ENGLISH : 364736.145355638,4103474.77803383,365268.266046993,4103474.77803383,365268.266046993,4103829.09254295,364736.145355638,4103829.09254295 MBR Coordinates for GERMAN : 364736,145355638,4103474,77803383,365268,266046993,4103474,77803383,365268,266046993,4103829,09254295,364736,145355638,4103829,09254295 Users are not sure if the "," delimiter might be causing the issue. It appears that the comma-delimited coordinates are being used as XY coordinates, therefore instead of 4 points there are 8 points when regional settings are set to German.
21.	1-87X9B3 1-8FEG2M	G/Technology Designer	Keyboard navigation produces inconsistent results and errors in Common Attribute Edit	When selecting a field in the Edit Common Attributes which has a pick list via the keyboard, the value is not selected if selected via first letter of the pick list value and press the enter key. If selected via mouse clicks, it works (value can be selected). If a user replaces the original 28002 dlls, the issue does not occur. Note that when using backspace/arrows and so forth, after selecting a value either with keyboard or mouse, the software presents more errors.
22.	1-8EX944 1-8FEG40	G/Technology Designer	Getting an error while editing detail feature	Users are getting an error while editing detail feature "Unable to retrieve information necessary to place this feature".

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23.	1-88RUJP 1-8FEG5O	G/Technology Designer	Cable path trace upstream schematic Incorrect feature display	A schematic drawing is not showing the correct display based upon trace results.
24.	1-8E3VZE 1-8FEG6S	G/Technology Designer	While placing detail components of any feature, users receive an error	While placing detail components of any feature, users receive the following error: Unable to update with changes made to the last component. Complete Component Relation List. Error in ComponentComplete : Item cannot be found in the collection corresponding to the requested name or ordinal.
25.	1-8E3VM2 1-8FEG86	G/Technology Designer	Getting P1 error while posting or validating detail feature	Users get a P1 error while posting or validating a detail feature: "Error creating or using relationship Detail Area".
26.	1-7P6G0O 1-8FEFN2	G/Technology NetExport Server	NetExport does not work with FileUNCPath (Shared Path)	NetExport does not work with FileUNCPath (Shared Path).
27.	1-7HSMCN 1-8FEFNC	G/Technology NetExport Server	Symbols defined with fill type are not filled after export	Users have defined symbols in a cell library to have a fill type of "Opaque". These symbols place in MicroStation with the correct fill type, but when exporting those same symbols , the fill type is not correct. Users have set G3E_CELLNAMEMAP to CELL_NAME:1, which should retrieve color and fill color.
28.	1-889M8Q 1-8FEG4A	G/Technology NetExport Server	NetExport failing when trying to export published secondary data	Users have configured metadata for NetExport so they can export land data that has been created with a secondary data connection. This land data was not imported. Users made a secondary data connection and published the information to a DDC file. When they execute the export, they get the following error message: REQUEST__ERROR Duplicate Table found. Cannot re-register table type 'VPF' ORA-00942: table or view does not exist.
29.	1-7LKW5 1-7M1M95	G/Technology NetViewer	Unable to configure the NetViewer Server on Windows Server 2008	After installing the NetViewer Server on a Windows Server 2008 machine, users are unable to configure the NetViewer Server. After selecting the

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				NetViewer Server Configuration Wizard, users see the following error: Run-time error '429': ActiveX component can't create object .
30.	1-81H3YQ 1-8FEFTQ	G/Technology NetViewer	Feature by address search does not work in French for feature that has an apostrophe	Feature by address search does not work in French for a feature that has an apostrophe in the name.
31.	1-5GLNYG	G/Technology Designer	Attach Vector data throws an error when used with a valid resource file.	Attach Vector data throws an error "The font resource file xxxxx.rsc is an unrecognized format. The DGN file will be displayed, but the fonts from the font resource file will not be used". The resource file was generated with MicroStation V7.
32.	1-6RAWL7	G/Technology Designer	File>Export to CAD design file does not print from MicroStation	Using the default delivered seed file for MicroStation v8.01, a File>Export to CAD design file, when opened in MicroStation v8.01, does not print/plot. Using the same version of MicroStation and drawing an element in MicroStation prints fine.
33.	1-7ZZ789	G/Technology Designer	Unable to see the data after attaching a CAD file	Unable to see the data after attaching a CAD file.