

**Intergraph G/Technology 10.04.0000 Issues Resolved**  
**10.04.1812.00008**

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- A database upgrade is required for this release.

	CR #	Product	Summary	Description / How to Reproduce
1.	1-1IPXEO1	G/Technology Designer	GDesigner doesn't work after installing Windows 10 Fall Creators edition (1709)	<p>The problem was that Microsoft started removing a registry entry we created because of their OLEDB Simple Provider being deprecated.</p> <p>Resolution: Replace use of deprecated provider.</p>
2.	1-1I7Y6ZG	G/Technology Designer	Relationship disappears when more than one detail component is deleted.	<p>When only one detail component of one feature is deleted, the node edge connectivity remains with no change. When two detail components of two different features are deleted, the node edge connectivity is deleted. There is no node edge connectivity at all.</p> <p>Resolution: Corrected logic on when node edge connectivity is cleaned up.</p>
3.	1-14CRSCC	G/Technology Designer	Fiber Ducts are not highlighted in the Fiber Feature Editor.	<p>The GetMapWindows API logic incorrectly assumed that the first legend on a map window came from the first database connection in the workspace. When that is not the case (for example, first legend comes from second connection) the map window is not returned properly when the input map window type is Geographic or AlternateGeographic. This caused the Fiber Optic Works workflow to fail to highlight.</p> <p>Resolution: The GetMapWindows API has been corrected to find the legend from the first database connection so that it can properly retrieve the G3E_LEGEND.G3E_ALTERNATEGEOORDINAL metadata to return the correct collection of map</p>

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				windows. This correction enables the Fiber Optic Works highlight operation to succeed.
4.	1-1O6UMDS 1-1OKLB28	G/Technology Administrator	Data import of shapefiles fails for certain features.	<p>While importing shapefiles (.shp) of several hundred boundary features, there are three features that will provide the error message 'ProcessBoundaryGeometryError'. It has been determined that these boundary features have more than 32767 points.</p> <p>Resolution: Corrected so boundary features can have more than 32767 points.</p>
5.	1-1NDQKZA 1-1OPRWAK	G/Technology MobileViewer	Error selecting Complements tab in MobileViewer.	<p>Error selecting Complements tab in MobileViewer: The error is:</p> <p>Error retrieving the value for the specified traversal attribute number. Current Recordset does not support updating. This may be a limitation of the provider or of the selected locktype.</p> <p>Resolution: Corrected the recordset for non-component by traversal ANO.</p>
6.	1-Y771R4	G/Technology Administrator	Crash on HighlightedObjects.AddMultiple and HighlightedObjects.AddSingle with temporary geometry.	Calling HighlightedObjects.AddMultiple and HighlightedObjects.AddSingle for temporary geometry DDCKeyObjects results in a hard crash (Access violation).

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				Resolution: Corrected logic to pass back correct status and avoid the crash.
7.	1-1L5ZUFD 1-1OPU9KN	G/Technology Designer	Complements not appearing correctly in Feature Explorer	Complements not appearing correctly in Feature Explorer. Counts appear to be repeated.  Resolution: To prevent empty rows from being displayed, a new general parameter is provided: TraversalANOBbehavior.
8.	1-1NB22KG 1-1OPU9MT	G/Technology Administrator	GTechCPSDK.manifest and CopyCPSDK.bat should be delivered with G/Technology Administrator.	Since we require customers to recompile their custom code with the GTechCPSDK.manifest, it should be delivered with the software.  Resolution: Deliver the file CopyCPSDK.bat, which copies all SPSDK files from the G/Technology installation to the customer's custom code directory.
9.	1-1KYFO4N 1-1OPU9GB	G/Technology Administrator	G3E_GETGEOMETRYFROMDB is invalid for Imported secondary data	Imported secondary geometries cannot be used in the Feature Explorer Geometry tab (and other workflows). If doing so, an error message will be displayed.  Resolution: The logic accessing the geometry was using a wrong column name for the geometry column, causing an error. It was corrected.
10	1-1L2UQ10	G/Technology Designer	Duplicate vertices cause G3E_GETGEOMETRY to produce an error message regarding geometries.	When selecting the "Geometry" tab in Object Explorer, some features will display the following error message:  "The requested geometry (with keys FNO = xx, FID = xx, CNO = xx, CID = xx) has been changed in the

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				<p>database. Select View &gt; Refresh &gt; Database Changes, and rerun your workflow."</p> <p>Resolution: When comparing the DDC geometry and the Database geometry to remove duplicate points, there are differences in the duplicate points being removed. Changed the logic to not remove duplicates and compare the actual geometries.</p>
11	1-1KYFO4N 1-1OPU9GB	G/Technology Administrator	G3E_GETGEOMETRYFROMDB is invalid for Imported secondary data	<p>Imported secondary data should have the g3e_component.g3e_geometryfield set to G3E_GEOMETRY as per the online help topic "importing secondary data". When this field is set to G3E_GEOMETRY, dataimport.exe fails to create the sqlloader files.</p> <p>Resolution: Corrected logic to use G3E_GEOMETRY.</p>