

3DEXCITE DELTAGEN 2018x

Known and Resolved Issues



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REQUIREMENTS

The officially recommended NVIDIA® Driver version for DELTAGEN 2018x beta is 385.41.

MAIN RESOLVED ISSUES AND IMPROVEMENTS

In the following we list all of the corrections and improvements accomplished for this release. The improvements and corrections are written to resemble the issues reported by our customers.

Installation and licensing

- FLEXLM License for feature MayaTools in not checked in after an operation is completed

Stellar rendering

- Roughness above 0.5 for Glass, Plastic and Generic material types no longer disables transparency in Rasterizing mode
- Ambient shadows in Rasterizing mode (Voxel AO) are working without a Local surrounding
- The Viewers background color is always black independent of the Preferences.
- Straight alpha also works with batch recording
- Random crash appears when working with Distributed stellar and With Broker & Render node configuration
- Connection to remote node works stable
- Reliable change between Look rasterizer mode or Stellar RT/GI and Stellar rasterizer
- View normals is working properly
- Model specific GPU driver crash when converting models to Stellar renderer got resolved
- In case of a model, enabled by Accurate reflection, opened with GPU Rendering and switched to RT Viewer model, the DELTAGEN viewer works correctly
- Unhandled exception when loading a specific .csb file got fixed
- Solid selection in Stellar mode works properly
- Freezes when switching IES light variants in specialized scenes

DStellar

- Incorrect DStellar connection status for invalid/failed connection

Look library

- Started "Tablet PC Input Service" no longer causes misbehavior

Scene

- Stable memory after closing scene

CAD Converters

- CATIA layers are being imported
- Unhandled exception while trying to load .3dxml file
- Textures of JtkShape are not imported
- ICEM file causes conversion hanging plus license blocking

Geometry

- After dragging faces from on scene into another the faces are visible in the viewer
- Combining geometry in DELTAGEN works reliable

Filehandling

- Impossible to load Assemblies bigger than 4.194.304KB

KNOWN ISSUES

Stellar rendering

Materials

- Reflective physics based materials do require an IBL for reflection (not refraction) to appear correctly. Without an IBL the reflections will appear black.

Scene rendering and lighting

- Ambient occlusion and Lightmap shadows need a high quality setting for correct interaction with material types.
- There is no color indication for objects outside of Local surroundings.

Surroundings, back plates and background

- Stellar RT/GI - *.rts surrounding creates incorrect reflection as the RT/GI lighting & shadowing will not be received.
- Double refractions with Stellar GL and GI in combination with a surrounding.
 - Workaround: put illumination into scene instead of using surrounding IBL.

NOTE: Those two issues are not relevant for DELTAGEN MARKETING SUITE.

Distributed Stellar

- When comparing D-Stellar to Stellar renderer the frames of same quality have different noise levels.

General issues for Stellar

- LODs are not taken into account in Stellar renderer - always the highest quality level is used (not relevant for DELTAGEN MARKETING SUITE)
- Depth of field only works in Idle mode, not in Rasterizing mode
- Motion blur is only supported for offline rendering
- Lighting changes too much when rotating a model by just one degree

Camera

- Curved Mirror reflect doesn't work properly (not relevant for DELTAGEN MARKETING SUITE)

CAD Converters

- DELTAGEN imports invisible root nodes of CATIA parts although the import option "visible parts only" was selected.
- DELTAGEN imports invisible intermediate nodes of CATIA assemblies/sub-assemblies although the import option "visible parts only" was selected.
- When a .CATPRODUCT assembly file is imported with layers, some extra group nodes are getting created for non-existent part body objects.
- ICEM *.rms file: Incorrect import of transformation matrix with non-uniform scaling (not relevant for DELTAGEN MARKETING SUITE).
- After the import of ICEM Surf data to DELTAGEN, each new DELTAGEN scene will automatically be created with the imported ICEM Surf data (not relevant for DELTAGEN MARKETING SUITE).

Filehandling

- Very big IGES files are not being imported completely.

DELTAGEN Scale

- Video files are not displayed as 2D-Srroundings on Powerwall clients.
- Powerwall clients crash while switching between Rasterizing an Global Illumination if a video file is added as Surrounding

NOTE: Those two issues are not relevant for DELTAGEN MARKETING SUITE.

Modules and Plugins

- DELTAGEN crashes after unload of PowerHouse plugin (not relevant for DELTAGEN MARKETING SUITE).

Installer

- DELTAGEN cannot be installed on newly installed Windows 7 Professional machines.
 - Workaround: first install Microsoft Redistribution Package VS 2012 manually.