3DEXCITE

3DEXPERIENCE®

3DEXCITE DELTAGEN MARKETING SUITE
RELEASE NOTES
R2025x

DASSAULT SYSTEMES

DELTAGEN MARKETING SUITE 2025x Release

The following pages list the new features and enhancements as well as minor version changes of the DELTAGEN MARKETING SUITE 2025x release. In addition you can find the hardware requirements, support contact and licensing information in this document.

NEW FEATURES

DELTAGEN HUB

Scripting

- Access to DSPBR subtypes for enhanced material configurations.
- Access to inspect the AxF material type directly.
- Option to modify current variant of the variant set within the Package set configuration.
- New functionality to add metadata for images generated through scripting.

Polygon reduction

- Curvature-based reduction supported, allowing for optimized mesh simplification.

Assignment tables

- Auto-sizing of the assignment query widget for better usability.

CATIA importer

- Ability to import assembly level visibility settings, improving workflow efficiency.

Save for distribution

- Material export as MaterialX in USD format now supported.
- USD export with kinds information for better structuring.

Stellar renderer

- GPU support for shadow baking, enhancing performance and visual accuracy.
- DSPBR 2025x support.

Misc

- Option to delete variant set from all configurations of a Package variant set.
- Option to select geometries with look overrides from looklibrary.
- Option to collapse all look libraries.

DIRECT MAYA® Plugin

Version Support: The DIRECT MAYA Plugin 2025x supports the current Autodesk® Maya release as well as the previous 3 major releases:

Qualified	Compatible
Autodesk® Maya 2025	Autodesk® Maya 2022, 2023 and 2024

Qualified: supported by the DIRECT MAYA Plugin and tested using extensive functional workflows.

Compatible: no functional workflows coverage, but no known technical limitations.

For questions regarding other Autodesk® Maya releases contact the 3DEXCITE Support.

ENHANCEMENTS

AxF

- Improved import of texture scale values for accurate representation.

Save for distribution

- .usd is now default file extension for both ASCII and binary formats.
- Improved handling of materials and textures for USD export.

Misc

- Added support of NOT operator in conditions of Codestate set.
- Target name of codestate switch actor are now shown as tooltips in value fields.
- Search and filter support for variants and configurations of a variant set.
- Added presets support for Substance materials for enhanced flexibility.
- Limitation on average core usgae for DELTABATCH is removed.
- DELTAGEN now supports DPI awareness for better UI scaling on high resolution displays.

VERSION CHANGE AND COMPATIBILITY

Misc

- Accurate reflections of rasterizer is no more available.

DELTAGEN STAGE

DELTAGEN STAGE contains all new features and enhancements of DELTAGEN HUB as well as the following:

NEW FEATURES

GPU GI with Stellar renderer

- Support of Motion Blur preview.

VERSION CHANGE AND COMPATIBILITY

Misc

- Raytracing is no more available.

SYSTEM REQUIREMENTS

The following quotes the required setup specifications for running DELTAGEN and DELTAVIEW and also for processing the 3D scenes that will be loaded.

Minimum requirements

- 16 GB RAM
- Intel CPU with AVX2 instruction set support

Recommended requirements

- 64 GB RAM

The CPU recommendations depend heavily on the type of use:

- For Rasterizer and GPU Raytracing:
  - High processor clock speed (increasing the number of cores does not give benefits in these cases)
- For CPU Raytracing and DataPrep:
  - High number of cores

In case of questions, contact our 3DEXCITE Support team.

Only NVIDIA® graphic cards are capable of displaying all visual effects and shaders created with our software. This cannot be guaranteed with graphic cards from other manufacturers.

Graphics Cards

Qualified	Validated	Compatible
NVIDIA® Quadro RTX6000, P6000, GV100, M6000	NVIDIA® Quadro RTX5000, P5000, P4000, GP100, M5000, M4000, RTX 4000 Ada, RTX 6000 Ada	NVIDIA® RTX 2000 Ada, RTX 5000 Ada, RTX A4000, RTX A5000, RTX A6000, Quadro RTX4000, M2000

Qualified: tested using extensive functional workflows.
Validated: tested using basic functional workflows.
Compatible: no functional workflows coverage, but no known technical limitations.

For Stellar rendering, GPUs with RT cores boost renderer performance.

Operating System

Component	Recommended	Minimum
DELTAGEN DELTABATCH DELTAVIEW	Windows® 11 x64 Enterprise	Windows® 11 x64 Enterprise

Monitor Resolution

Component	Recommended	Minimum
DELTAGEN DELTABATCH DELTAVIEW	1920 x 1200	1280 x 1024

Recommended Drivers

Component	NVIDIA driver	Certification document
DELTAGEN DELTABATCH DELTAVIEW	538.95	Available upon request

Additional Software

Component	Minimum requirements
DELTAGEN DELTAVIEW	Apple QuickTime Player (for QuickTimeVR export)
XPLORE DELTAGEN	Web browser, supporting HTML5 (Google Chrome™ browser is recommended)

SUPPORT CONTACT

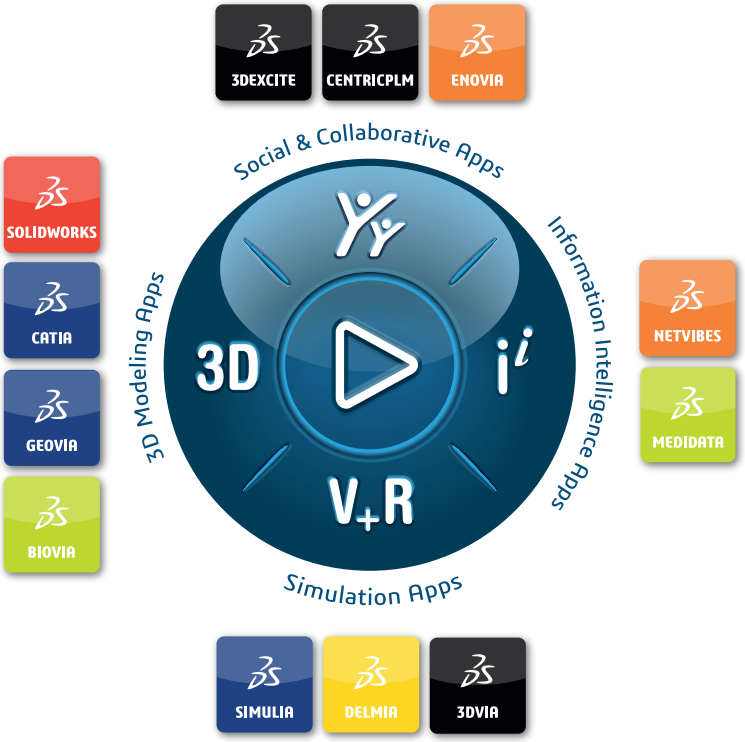
Visit 3ds.com/support or have a look into our knowledgebase on support.3ds.com/knowledge-base for helpful information.

In case you have further questions, our support team is happy to help you:
Customers who purchase their software via media order (MO) and obtain their licenses via the Key Management Center (KMC), can report incidents to DS by using the 3DSupport App: https://www.3ds.com/support/contact/call-us/submit-a-request/

DASSAULT SYSTEMES LICENSE SERVER SUPPORT

In addition to FlexLM, the DS License Server (DSLS) is supported for licensing DELTAGEN HUB and DELTAGEN STAGE. This allows easier maintenance of your systems, especially if other software packages are running with the DS License Server. During the installation process you can choose your preferred license server.

- Please contact 3DEXCITE.Support.Licensing@3ds.com if a FlexLM license is needed for 3DEXCITE products.
- For DSLS licensing please refer to the Software License Key terms (https://www.3ds.com/terms/software-keys/). Here you can obtain your new DSLS license directly.



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