3DEXCITE

3DEXPERIENCE®

DELTAGEN 2025X
FULL FEATURE COMPARISON

3DEXCITE DELTAGEN toolset comes equipped with powerful features that fit a wide variety of use cases, from Sales and Marketing imagery creation to custom product configurators, AR/VR experiences and more. Compare our full range of software to discover the version that is right for you!

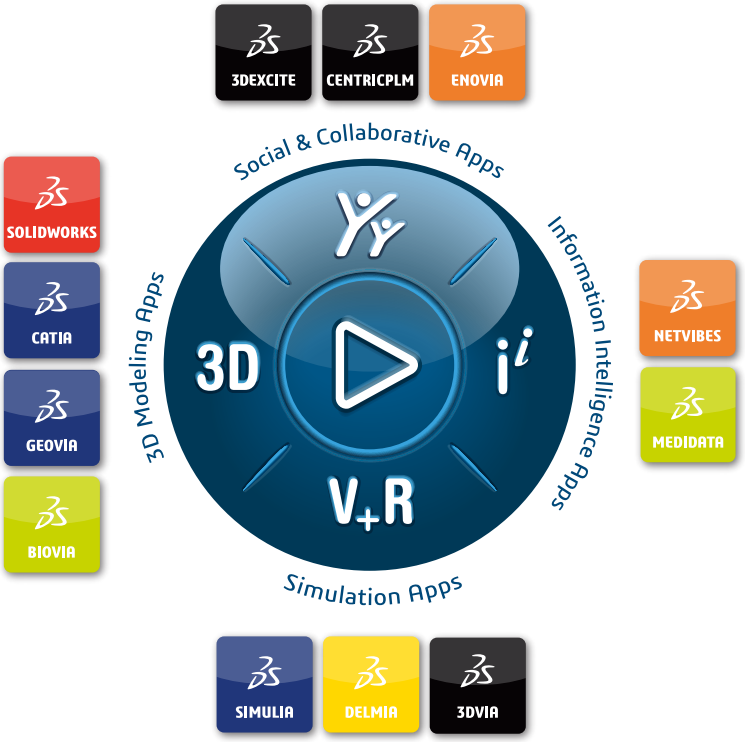
✔ indicates a full inclusion of the respective feature, while Δ indicates that this feature is Optional for the respective DELTAGEN package.

DASSAULT SYSTEMES

DG HUB	DG STAGE	DELTAGEN	
TOOLS MODULES			
✔	✔	✔	3DEXCITE DELTABATCH
		Δ	3DEXCITE DELTAGEN ANALYZER
		Δ	3DEXCITE DELTAGEN DIRECT CATIA Kinematics
		Δ	3DEXCITE DELTAGEN VR Plugin (DELTAVIEW + DELTAGEN)
		Δ	3DEXCITE DELTAGEN IMMERSIVE
		Δ	3DEXCITE DELTAGEN SCALE
✔	✔	Δ	3DEXCITE DELTAGEN XPLORE
✔	✔	✔	3DEXCITE DELTAVIEW
	Δ	Δ	3DEXCITE DISTRIBUTED STELLAR
	Δ	Δ	HDRLight Studio
IMPORT FORMATS			
✔	✔	Δ	3DEXCITE DELTAGEN DIRECT MAYA® (incl. 3xf export from Maya)
✔	✔	Δ	3DXML
✔	✔	Δ	AutoCAD
✔	✔	Δ	CatPart (CATIA V5)
✔	✔	Δ	CatProduct (CATIA V5)
✔	✔	Δ	FBX
		Δ	ICEM
✔	✔	Δ	IGES
✔	✔	Δ	JT
✔	✔	Δ	Model (CATIA V4)
✔	✔	Δ	NX
✔	✔	✔	PLMXML
✔	✔	Δ	ProE
✔	✔	Δ	Rhino
✔	✔	Δ	SOLIDWORKS
✔	✔	✔	STL
✔	✔	Δ	STP
		Δ	WIRE
✔	✔	✔	XPDMXML
✔	✔	✔	X-Rite® AXF

DG HUB	DG STAGE	DELTAGEN	
EXPORT FORMATS			
✔	✔	✔	3XF
✔	✔	Δ	FBX
✔	✔	✔	CSB
✔	✔	✔	IGES
		Δ	JT
✔	✔	✔	STL
✔	✔	✔	USD
GENERAL FUNCTIONS			
✔	✔	✔	**3D**EXPERIENCE® PBR Support
✔	✔	✔	**3D**EXPERIENCE® Connector
✔	✔	✔	Substance by Adobe
✔	✔	✔	Advanced Render Passes (subset in DG HUB)
✔	✔	✔	Assignment Tables (execution)
✔	✔	✔	Automatic UV Generation (Planar, Triplanar, Automatic Unwrapping)
		✔	Deep Color Support
✔	✔	✔	Displacement Mapping
✔	✔	✔	Lightweight VR Export (2.5D Stereo)
✔	✔	✔	Load Assemblies
✔	✔	✔	Manual Scene Structure Edition (scene tree adjustment, reorder product structure / assembly)
✔	✔	✔	Model Optimizer
✔	✔	✔	Multi-Layer EXR Support
✔	✔	✔	NURBS Support (NURBS on Demand - NoD)
✔	✔	✔	Pyhsical Correct Camera Model incl. Postprocessing
✔	✔	✔	Polygon Reducer
✔	✔	✔	Python Scripting (execution)
		✔	Remove Hidden Surfaces / Jacketing (automated on part level)
✔	✔	✔	Luminance / Illuminance Passes

DG HUB	DG STAGE	DELTAGEN	
GENERAL FUCTIONS (CONT.)			
	✔	✔	Render Region
✔	✔	✔	Rendering Mode: OpenGL
	✔	✔	Rendering Mode: Global Illlumination incl. AI Denoiser (CPU/GPU)
✔	✔	✔	Review Scene
✔	✔	✔	Search & Replace
✔	✔	✔	Surface Check
✔	✔	✔	X-Rite® AXF Support
AUTHORING FUNCTIONS			
✔	✔	✔	Advanced UV Editor
✔	✔	✔	Animations
✔	✔	✔	Annotations
✔	✔	✔	Assignment Tables (Create & Edit)
✔	✔	✔	Color Space Management
✔	✔	✔	Jacketing Configurator
	✔	✔	Layer Creator
✔	✔	✔	Logo Editor
✔	✔	✔	Logic Network Editor
✔	✔	✔	Material Library
✔	✔	✔	NURBS on Demand
✔	✔	✔	Python Scripting
✔	✔	✔	Shadow Map Calculation (Ambient Oclusion in DG HUB / Ambient Oclusion & Lightmap in DG STAGE & DELTAGEN)
✔	✔	✔	Triggers
✔	✔	✔	Use Case Specific Workbenches
✔	✔	✔	Variants



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Dassault Systèmes' 20,000 employees are bringing value to more than 270,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit **www.3ds.com**.

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