

DELTAGEN 2024X FULL FEATURE COMPARISON



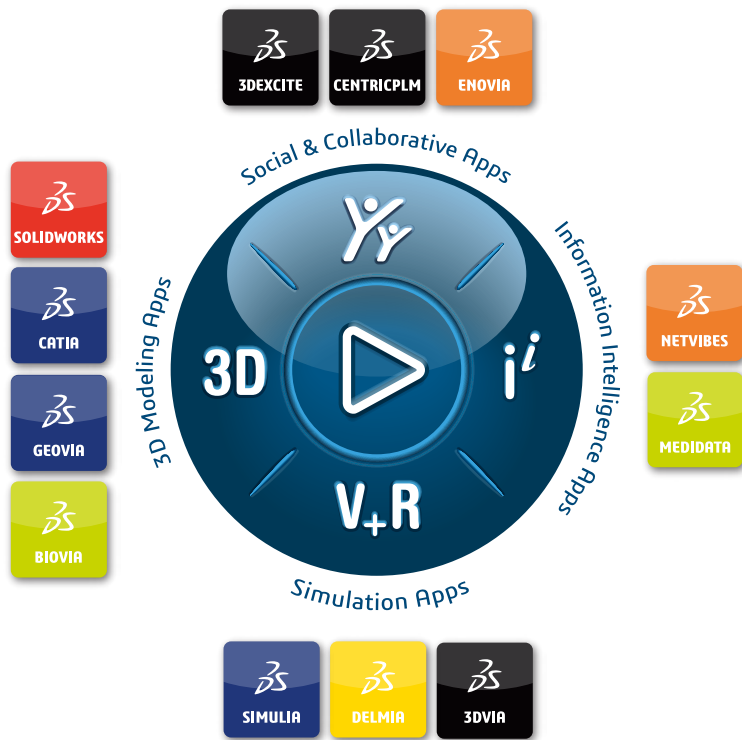
3DEXCITE DELTAGEN toolset comes equipped with powerful features that fit a wide variety of use cases, from Sales and Marketing imagery creation to custom product configurators, AR/VR experiences and more. Compare our full range of software to discover the version that is right for you!

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

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

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

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



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