

# SOLIDWORKS 3D CAD

## PRODUCT MATRIX

	SOLIDWORKS STANDARD	SOLIDWORKS PROFESSIONAL	SOLIDWORKS PREMIUM
SOLIDWORKS 3D CAD	✓	✓	✓
Part and Assembly Modeling	✓	✓	✓
2D Drawings	✓	✓	✓
Design Reuse and Automation	✓	✓	✓
Collaborate and Share CAD Data	✓	✓	✓
Interference Check	✓	✓	✓
First-Pass Analysis Tools	✓	✓	✓
CAM Programming (SOLIDWORKS CAM Standard) <i>*must be current on Support</i>	✓	✓	✓
Design for Manufacturing (DFM)	✓	✓	✓
Productivity Tools	✓	✓	✓
Advanced CAD File Import/Export with 3D Interconnect	✓	✓	✓
CAD Libraries (SOLIDWORKS Toolbox)		✓	✓
Design for Cost (SOLIDWORKS Costing)		✓	✓
ECAD/MCAD Collaboration (CircuitWorks)		✓	✓
CAD Standards Checking (Design Checker)		✓	✓
Collaboration with eDrawings Professional		✓	✓
Automated Tolerance Stack-Up Analysis (TolAnalyst)		✓	✓
Advanced Photorealistic Rendering (SOLIDWORKS Visualize Standard) <i>*must be current on Support</i>		✓	✓
SOLIDWORKS File Management		✓	✓
Reverse Engineering (Scanto3D)		✓	✓
Time-Based Motion Analysis			✓

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	SIMULATION STANDARD	SIMULATION PROFESSIONAL	SIMULATION PREMIUM
Linear Static Analysis			✓
Pipe and Tube Routing			✓
Electrical Cable and Wiring Harness Routing			✓
Advanced Surface Flattening			✓
Rectangular and Other Section Routing			✓
CATIA V5 Import			✓