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) *must be current on Support*	✔	✔	✔
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) *must be current on Support*		✔	✔
SOLIDWORKS File Management		✔	✔
Reverse Engineering (Scanto3D)		✔	✔
Time-Based Motion Analysis			✔

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PRODUCT MATRIX

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Linear Static Analysis			✔
Pipe and Tube Routing			✔
Electrical Cable and Wiring Harness Routing			✔
Advanced Surface Flattening			✔
Rectangular and Other Section Routing			✔
CATIA V5 Import			✔

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