

THE SOLIDWORKS DESIGNER'S FEA PORTFOLIO

CORE PORTFOLIO

		STATIC	MOTION	FATIGUE	THERMAL	FREQUENCY & BUCKLING	LINEAR DYNAMICS	EXPLICIT	MULTI-STEP LOADING	ADVANCED FE MODELING	ADVANCED MATERIALS	DESIGN OPTIMIZATION	CLOUD COMPUTE
	3DEXPERIENCE Structural Mechanics Engineer	✓		(Add-on)	✓ (Steady-state only)	✓	✓	✓	✓	✓	• Nonlinear • Highly Customizable • Test Data-Driven	• Parametric Study	✓
	3DEXPERIENCE Structural Performance Engineer	✓		(Add-on)	✓ (Steady-state only)	✓			✓	✓	• Nonlinear • Highly Customizable • Composites (Add-on)	• Parametric Study (Limited)	✓
	SOLIDWORKS Simulation Premium	✓	✓	✓	✓	✓	✓		✓		• Nonlinear • Composites	• Parametric Study • Topology Study	
	3DEXPERIENCE Structural Engineer	✓			✓ (Steady-state only)	✓			✓	✓			✓
	SOLIDWORKS Simulation Professional	✓	✓	✓	✓	✓						• Parametric Study • Topology Study	
	3DEXPERIENCE Structural Designer	✓				✓			✓ (Limited)	✓ (Limited)			✓
	SOLIDWORKS Simulation Standard	✓	✓ (Time-based only)	✓									
	SOLIDWORKS 3D CAD Premium	✓	✓ (Time-based only)										
	SOLIDWORKS 3D CAD SimulationXpress	✓ (Single parts only)											

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