

Choose the version of **STAAD**® that is best for you.

		STAAD.Pro®	STAAD.Pro Advanced	Structural WorkSuite
Standard Analysis and Design	Analyze and design structures of all types, including integrated concrete and steel	✓	✓	✓
	Design loads and load combinations including automatic wind and seismic requirements	✓	✓	✓
	Analysis: FEM, linear static elastic, P-Delta, dynamic, AISC direct analysis	✓	✓	✓
	Design basic foundation types including spread footings	✓	✓	✓
	Design basic structural steel connections	✓	✓	✓
	Produce automated steel drawings directly from STAAD model	✓	✓	✓
	Design basic reinforced concrete elements	✓	✓	✓
Modeling	Section libraries tailored for different industries	✓	✓	✓
	Physical modeling for concrete and steel BIM workflows	✓	✓	✓
	Calculate section properties and retrieve stress values with Section Wizard	✓	✓	✓
	Specialized quick modeling environment for concrete buildings	✓	✓	✓
	Create models quickly using the STAAD Structure Wizard	✓	✓	✓
Interoperability	Interoperate with OpenBuildings® Designer, AutoPIPE®, Revit, and more	✓	✓	✓
	Use STAAD data to create advanced analysis solutions with ADINA	✓	✓	✓
	Create macros using OpenSTAAD API to integrate with Excel or in-house programs	✓	✓	✓
Advanced Analysis	Nonlinear geometric and cable analysis		✓	✓
	Eigen buckling analysis with in-depth buckling mode evaluation		✓	✓
	Floor spectrum analysis due to time history loading (seismic design)		✓	✓
	Steady state dynamic performance for vibration design		✓	✓
	Pushover analysis (FEMA 356)		✓	✓
Integrated Design	Advanced concrete design, drawing, and documentation		✓	✓
	Foundation design including machine vibration and settlement analysis using STAAD Foundation Advanced*			✓
	Automated connection design using RAM® Connection*			✓
Specialized Analysis, Design, and Documentation	Utilize building-specific applications for structural steel and reinforced concrete structures – RAM			✓
	Model and design various buildings using all common materials – RAM			✓
	Design and detail reinforced and post-tensioned floor slabs* – RAM			✓
	Structural steel connection design including anchorage into concrete – RAM			✓

*Available to launch directly from STAAD.Pro Advanced included in Structural WorkSuite.