

# Choose the version of **STAAD**<sup>®</sup> that is best for you.

		STAAD.Pro <sup>®</sup>	STAAD.Pro Advanced	Structural Enterprise WorkSuite
<b>Standard Analysis and Design</b>	Analyze and design structures of all types, including integrated concrete and steel	✓	✓	✓
	Design loads and load combinations including automatic wind and seismic regional 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 <sup>***</sup>	✓	✓	✓
	Design basic reinforced concrete elements (STAAD.Pro, STAAD.Pro Adv, and SE)	✓	✓	✓
<b>Modeling</b>	45+ built-in section libraries tailored for different industries	✓	✓	✓
	Physical and analytical 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 (STAAD.Pro, STAAD.Pro Adv, and SE)	✓	✓	✓
<b>Interoperability</b>	Interoperate with OpenBuildings™ Designer, ISM, AutoPIPE®, Revit, Tekla, and more	✓	✓	✓
	Create macros using OpenSTAAD API to integrate with Excel or in-house programs	✓	✓	✓
<b>File and Cloud Management**</b>	Analyze large models without consuming your desktop's bandwidth using Bentley Cloud Services	✓	✓	✓
	Evaluate and compare multiple design alternatives with Bentley Cloud Services	✓	✓	✓
	Compare results between different versions of STAAD	✓	✓	✓
	Communicate the impact of design changes using web visualizations of key performance metrics	✓	✓	✓
	Collaborate across engineering teams with ProjectWise®		✓	✓
<b>Advanced Analysis</b>	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)		✓	✓
<b>Integrated Design</b>	Advanced concrete design, drawing, and documentation		✓	✓
	FEA-based foundation design including machine vibration and settlement analysis* – STAAD Foundation Advanced		✓	✓
	Automated connection design* – RAM®			✓
<b>Specialized Analysis, Design, and Documentation</b>	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 Enterprise. \*\*Requires an Optioneering Visa for cloud services or ProjectWise license. \*\*\*Available with SELECT<sup>®</sup> Subscription