

Software Examples & Application

Engineering Vendors

Bentley Systems Pty Ltd

Bentley Structural V8i:

This is part of Bentley's integrated suite of building information modeling (**BIM**) applications that can be used by structural engineers and designers to create structural systems, explore more design options, make better informed design decisions and predict costs and performance.

Design and construction documents are automatically coordinated, which provides seamless integration between design, engineering, analysis, construction and operations for the entire lifecycle of facilities.

STAAD.Pro:

This software allows structural engineers to analyse and design virtually any type of structure through its flexible modeling environment, advanced features and fluent data collaboration. Efficiencies are gained through the ability to maintain and streamline current workflows with fluent data collaboration.

RAM Structural System V8i:

This is a specialized engineering software tool for the complete analysis, design and drafting of both steel and concrete buildings. It optimizes workflows through the creation of a single model by providing specialized design functions for buildings and by providing thorough documentation.

MicroStation V8i:

This software promotes collaborative, streamlined workflows among multiple disciplines and across project teams. Its breadth and depth of technology provides for fully integrated project delivery throughout the infrastructure lifecycle by providing increased information quality, enhanced design quality and improved operational safety along with reducing project costs and shortening delivery times.

These and other products are available from Bentley Systems: www.bentley.com.au