



With FRAMECAD® Structure you will increase your efficiency, speed up your design and reduce engineering costs. FRAMECAD® Structure is a comprehensive and powerful computer-aided-engineering design and detailing software package. It integrates with other software to be a part of a BIM design process.

### **Increase Your Efficiency, Speed Up Your Design And Reduce The Risk Of Error.**

FRAMECAD® Structure is an advanced computer-aided-engineering package, specialised in Cold Formed Steel (CFS) design. FRAMECAD® Structure offers unrivalled functionality for fast and accurate engineered design.

FRAMECAD® Structure automates a wide range of calculations, with over 25,000 automated calculations per square meter of roof, walls and floors completed in seconds, this results in fast, efficient and error free engineered design.

The software's interactive joist, truss and wall builder functions provide the users with an intuitive interface, making it simple to use.

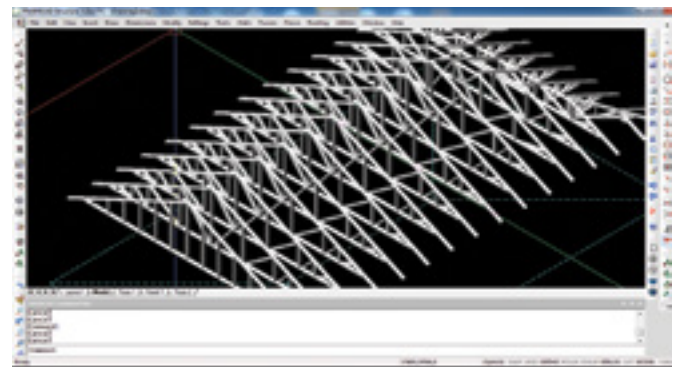
The enhanced 3D view is a valuable feature showing all components of the framing for clash detection and validation of the design.

### **Real Time Analysis And Faster Compliant Engineering.**

When designs are created the software analyses loads, load combinations, deflection and other forces with real time engineering calculations.

FRAMECAD® Structure automatically generates design and engineering reports with accurate engineering status according to specified building codes and regulations.

FRAMECAD® Structure streamlines and speeds up the process of code compliant engineering.



## **Features and Benefits**

- Integrates with other design and detailing software
- BIM compatible
- Real Time Engineering Analysis
- Comprehensive Engineering Reporting
- Fast, and Customised To Your Needs
- Based on IntelliCAD
- Compatible with AutoCad
- Universal Design Format
- Imperial or Metric options
- Available in English, Spanish, Chinese, French and Portuguese
- Global Design and Loading Codes available

### Reduce Your Costs.

The advanced capabilities and efficiency of FRAMECAD® Structure enable buildings to be precisely designed and engineered to exact requirements. It allows for reduced design time and enables users with no engineering qualifications to use the software. Typically this results in a significant reduction in external engineering time and cost. FRAMECAD® Structure can typically reduce engineering costs by up to 80% of the total design.

FRAMECAD® Structure calculates the material required to efficiently complete the design. This results in less material required in the design while still meeting the local design and engineering codes. Material cost savings can be as much as 30%.

### FRAMECAD® Structure Is Part Of The BIM Process.

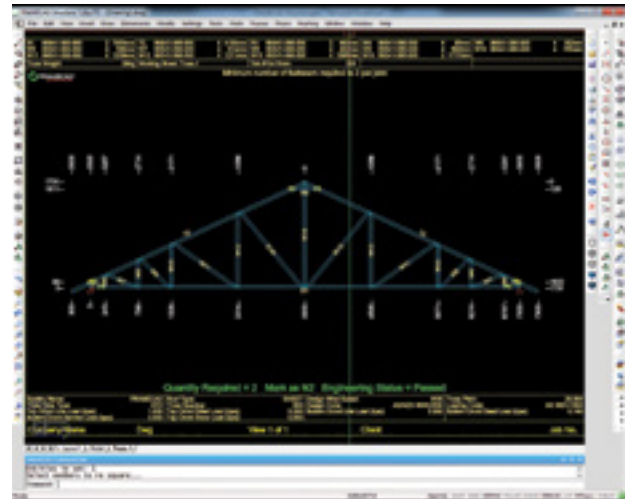
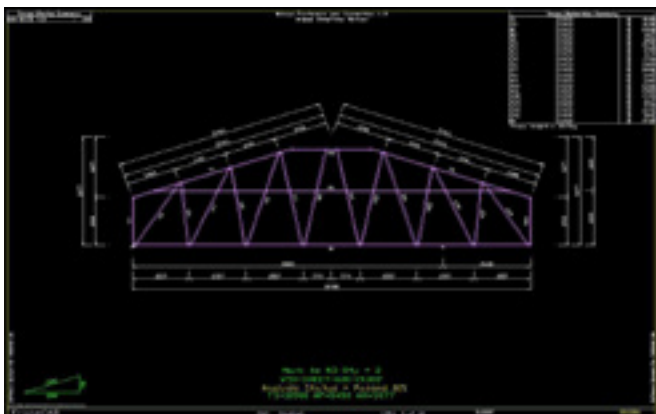
FRAMECAD® Structure is integrated to a wide range of other design and detailing software packages. It enables the simple and seamless design transfer from one software package to another, and also offers easy clash detection in the design process.

### Easy Layout Speeds Up Designing.

FRAMECAD® Structure lets you design and detail all the steel components together. All layouts and detail drawings are linked and contained in one file, reducing the risk of error due to switching between multiple files. Any changes to individual drawings automatically change the layout and 3D drawings.

### Generating Comprehensive Reports Is Fast And Easy.

Simply select the information you require for code compliance, engineering sign off, materials quantity, scheduling, project quoting, production planning and analysis.



### Multi Lingual.

Available in English, Spanish, Chinese, French and Portuguese.

### Universal Design Format.

FRAMECAD® Structure is simple to use and easy to navigate. With a familiar look to AutoCAD users, and compatible with AutoCAD, FRAMECAD® Structure is based on the IntelliCAD platform.

Automated template drawings keep track of every detail, including Bill of Materials, loads, engineering status, reports and assembly weight.

### Customised To Your Needs.

FRAMECAD® Structure is fast and can be easily adapted to your design and production facility. Default settings can be modified simply and the programme can be loaded with multiple building codes. It comes with a wide range of loading standards, as well as the option for metric or imperial units.

Visit the FRAMECAD® website for more information or watch the FRAMECAD® Structure video

[www.framecad.com](http://www.framecad.com)