

Steel Detailing

Steel detailing from AceCad with StruCad 3D structural **steel detailing** software, the ultimate **steel detailing** software as used by detailing professionals across the world who demand powerful steel modeling performance and steel detailing precision from their **steel detailing** software

Steel Detailing

StruCad for Steel Detailing

What is it?

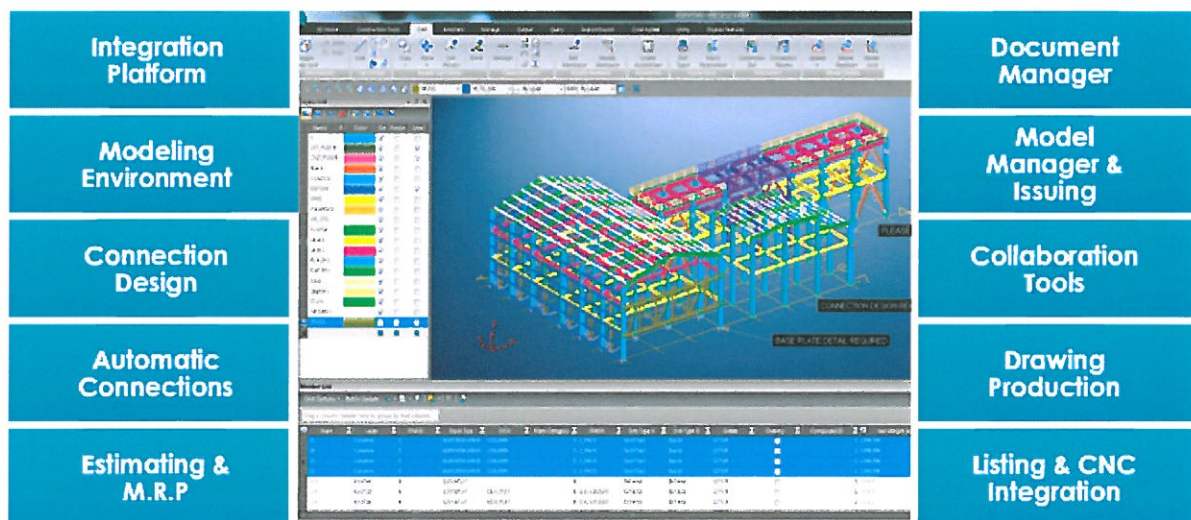
StruCad is a 3D structural steel detailing and information management system, with rapid automatic fabrication shop drawing and CNC production delivery.



Who is for?

StruCad is an essential tool for all Parties involved in the Structural Supply Chain. The Steel Detailing License for Fabrication & Drawing Office companies providing steel detailing professionals with powerful modeling capabilities for a range of deliverables. The Engineering License is a pivotal integration tool to allow multi disciplines to collaborate, create and share models both in StruCad & other software packages. The Fabricator License essentially allows Fabrication companies to generate and deliver CNC information into production. The Checker License is for any individual wishing to fully interrogate and clash check a model.

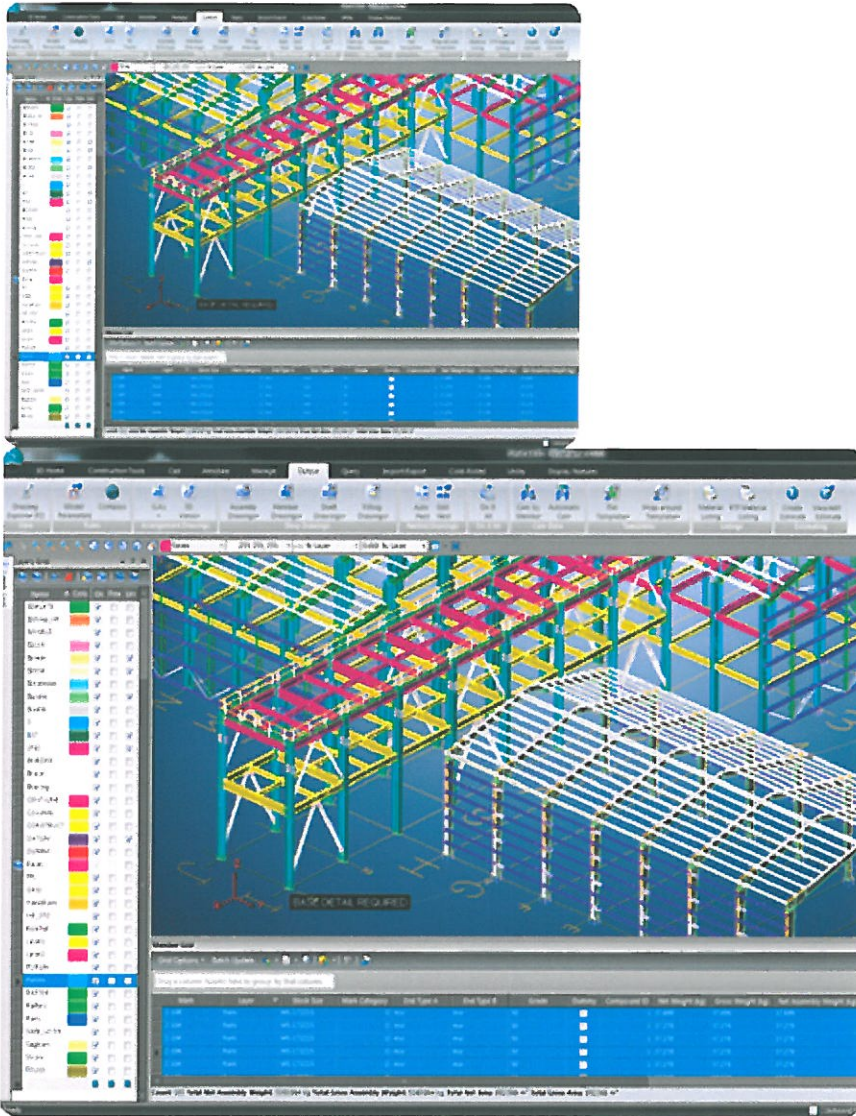
Module features



- Integration Platform - Industry Leading 3rd Party Integration tool
Improving information workflow from within the steelwork supply chain to ensure additional productivity gains utilizing and compatible with recognized standard industry formats.
- Modeling Environment - Advanced 3D Parametric Solid Modeling Technology
Superior steel detailing/modeling technology allows structures to be created with speed, accuracy & clash free to fabricate, deliver and erect the structure within the project timeframe.
- Connection Design - StruConnect
A platform for steel detailing professionals and engineers to design moment connections compatible with international codes.

System Features

- Leading interoperability with third party structural analysis, design and plant modeling systems.
- Highly productive and flexible modeling and detailing environment that caters for even the most complex of structural designs.
- Detailing automation and parametric connection and joint modeling, with a comprehensive connection and CAD utility libraries.
- StruConnect - integrated connection design system for BS, AISC and EC*.
- Wizards for commonly required items - stairs, handrails, ladders, portal framed structures, pipe racks, etc.
- Bespoke and generic light steel framing and cold rolled tools.
- Built in estimating module.
- Model management and multi user functionality.
- Automated revision control.
- Automated drawing and fabrication deliverables production including: Multi-member assemblies, fabrication details, member shaft drawings, fitting details, wrap-around templates, and CAM member and fitting details.
- Productive 2D environment.
- Complete reporting and listing functionality.
- Post Processors for all major CNC Machinery Manufacturers and CAM/DSTV viewer.
- Document management to centralize all bi-directional information/documents.
- Full project collaboration - StruWalker.
- Built on the latest Microsoft .NET technology.



System Benefits

- Enables development of clash-free design options rapidly and reduces costly re-modeling.
- Allows rapid structural steel detailing with standardization of project design and deliverables.
- Streamlined connection design and modeling.
- Automatically complete connection detailing saving time.
- Create common structural items rapidly.
- Integrate with light steel framing and cold rolled suppliers with EDI.
- Faster and more accurate estimates direct from the structural model - optimizes cost dynamics in design providing instant pricing.
- Engineers, detailers and fabricators can collaborate, track and manage model change efficiently irrespective of locations using WAN/LAN/Internet connections.
- Efficient model management and revision control/roll back/roll forward.
- Rapid and accurate automated listing and drawing production.
- Easily edit 2D drawings.
- Integrate with CNC machinery and streamline fabrication.
- Improves workflow and minimizes time spent on RFI management.
- Enables full project review with walkthrough, mark-up and realism that brings understanding enabling effective management from conception to site erection.
- Highly productive and easy to learn, with SBE and complete system entry points.
- BIM enabled modeling integration platform.

Current Version - StruCad evolution

StruCad evolution is AceCad's current software release. Just some of the new features in StruCad evolution include:

- General Architecture/Interface updated - Including new ribbon toolbars and data grids.
- Integration Platform - Improved model compatibility to other 3rd party systems with IFC and improved CIS/2.
- User Attributes on fittings.
- New Document Management, integrated with enhanced Drawing Explorer environment.
- Bi-directional data/information transfer with StruWalker.
- Seamless integration between StruCad and StruM.I.S - Fabrication information management.
- Automatic updates.

[View StruCad evolution Press Release](#)

Selected Testimonials

"Our use of StruCad has specifically resulted in the successful completion of complex projects by Tiger Steel Engineering LLC such as Ski Dubai, Dubai Airport Air Show Building, Dubai Airport Hangar Building, Dubai Airport Cargo Mega Terminal Building and the Taweelah new B Extension Power Plant".

"StruCad is unique in that once the model is completed we can create and issue shop drawings without any editing. Further, we are excited by the many new developments within the product delivered by AceCad over the past years and we are confident that these additions further increase StruCad's superior productivity".

Kurian Eppan - Tiger Steel Engineering LLC

"We have been using StruCad for over 8 years. StruCad has helped us deliver quality drawings in less time with fewer errors than we ever thought possible. The drawing quality is second to none. I would highly recommend this system if you are tired of editing drawings".

Patrick Rousell - SDE Drafting

Our experienced international team is ready and waiting to discuss your particular and unique requirements. AceCad has substantial experience of implementing our systems within thousands of sites around the world and you can be confident therefore that we can provide the right solution for your organization. To learn more about the benefits and competitive advantages arising from the adoption of StruCad, please [contact](#) one of our industry experts:

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