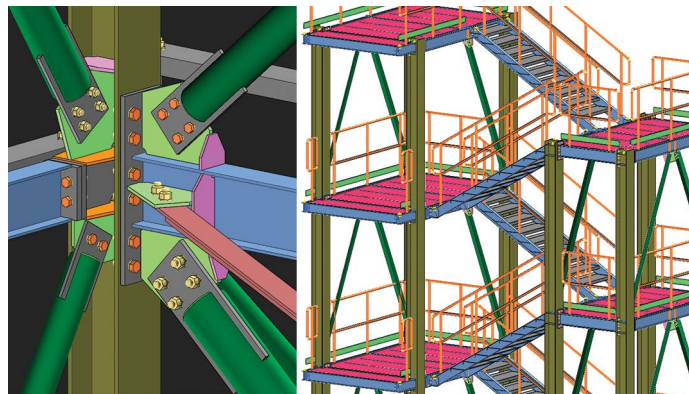
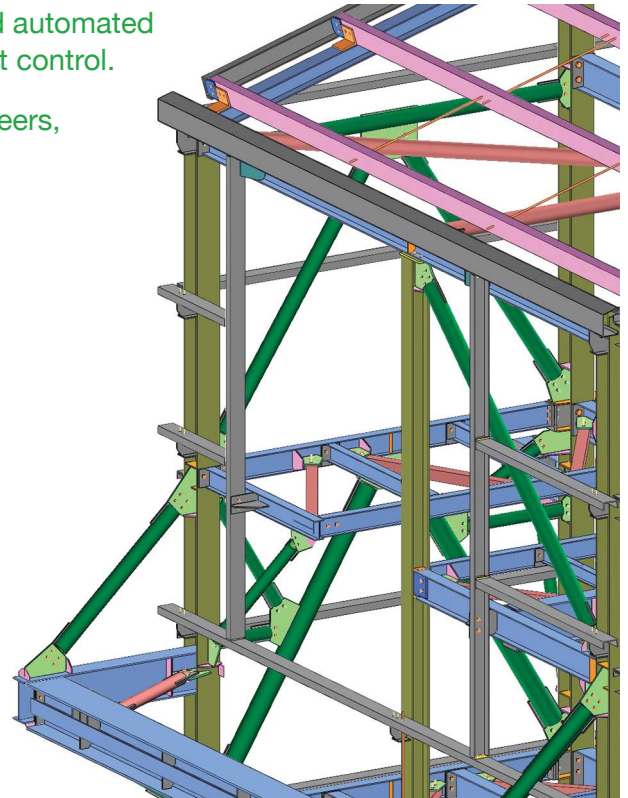




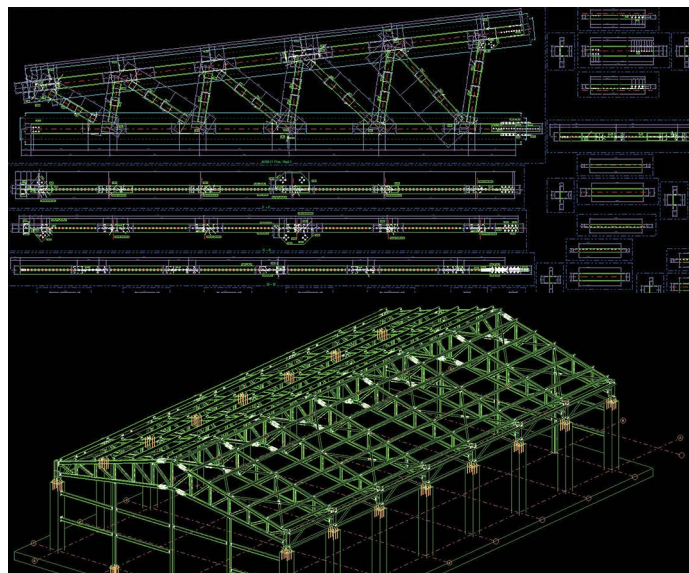
Nowadays clients want practical, complete steel details and automated connection design to drive on-time project delivery and cost control.

**ProtaSteel** is the all-in-one steel detailing solution for engineers, fabricators and drafting professionals.

- Communicate **ProtaStructure** models seamlessly to **ProtaSteel** including all physical elements and analytical results
- Use our unique **IntelliConnect** to rapidly automate connection design with a focus on constructability.
- Easily model and detail any steel connection using **Fully-featured Parametric Connection Libraries**.
- See the step-by-step **connection design calculations** with detailed **code clause referencing**.
- Insert **ancillary steel** including sag rods, purlins, girts, braces, stairs, chequer plate, railings, secondary beams and eaves beam to complete your model.
- Automatically **detect all clashes** between parts.



- Increased productivity with **unique connection macros** including truss apex, truss-column, **steel beam to concrete**, and embedded steel connections.
- Automatically compile **comprehensive design reports** and track connection design status with model color coding.



- Create macro presets for any connection or modeling macro using your **favorite settings** and **company standards**. Seamlessly update any changes in **ProtaStructure** models to **ProtaSteel**
- Fully-flexible **Automatic Part and Assembly Numbering** that intelligently manages part-marks on subsequent revisions of the model.
- Automatically prepare all **General Arrangement Drawings, Truss Details, Connection Details, and Shop Drawings**.
- Full **cutting lists** provide insight into efficient procurement and cost control. **Intelligent data** communication with **IFC's, NC's,** and Tekla Structures.
- Easily create your own user-defined connections using general purpose tools like **plate, bolt, weld, section, cut, chamfer** and **fillet** and use these connections at similar joints.

