iDesign

Optimize material usage & engineer trusses efficiently.

ALPINE®
AN ITW COMPANY
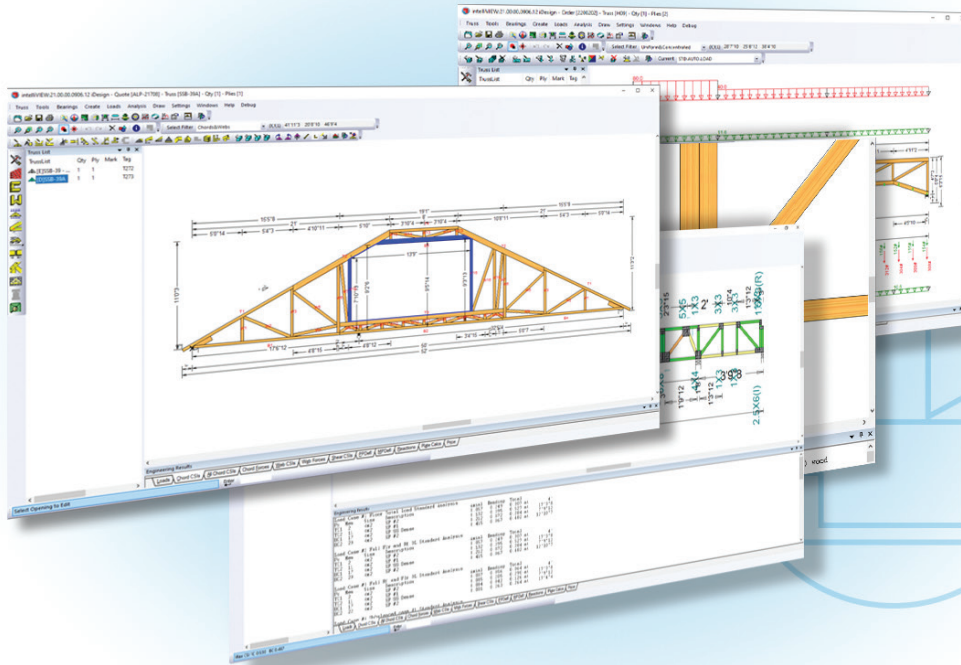
Developed with your designers in mind.

iDesign is the industry's most trusted component engineering analysis application backed by Alpine's leading structural engineering team. Whether you need to create a single component for a simple project or design components for a complex layout, iDesign has the tools for any situation. And, it's fully integrated into the IntelliVIEW® Suite to save you time by sharing profiles, designs, and data throughout your project.

iDesign provides a quick and easy tool for modifying component geometry, material, and analysis options. With advanced, proprietary analysis routines, iDesign enables designers to produce safe, low-cost components efficiently. It also supports the design and analysis of all types of wood roof and floor trusses – including the design of engineered wood members and accessories.

Optimize and Engineer

Uniform Loading Improvements
Tools to quickly modify or review the total uniform load on a truss.

Sloped Balcony Plating
Improved plate positioning and analysis for awkward joints where the cantilever attaches to the truss.

Better User Controls
Advanced settings for wedge, slider, and bearing block sizes and grades.

Bid competitively and stay profitable by producing trusses that use less lumber and fewer plates.

Fully Integrated

Fully integrated with the IntelliVIEW® Suite created for speed, efficiency, and accuracy.
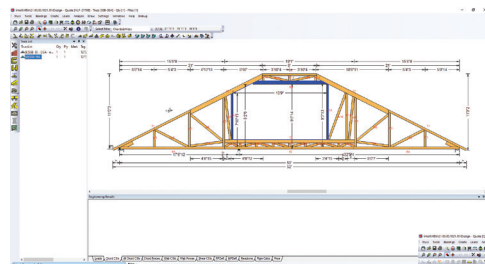
User-Friendly

A straightforward CAD-based point-and-click user interface with customizable toolbars helps increase efficiency.
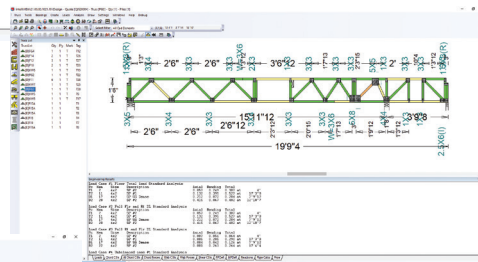
Robust

A vast set of design and modification tools for complete control of component designs.
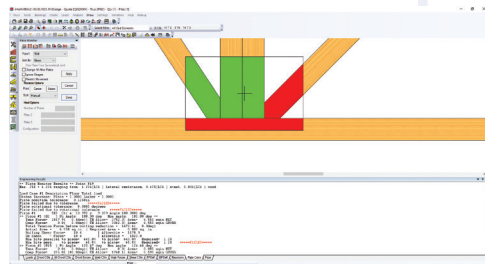
Efficient

Industry-leading analysis engine maximizes material efficiency.

FEATURES

Quickly create roof and floor components from scratch.

Easily modify integrated roof and floor components with the iModel layout integration tools and Layout Viewer.

Visual optimization tools allow for quick, easy, and efficient material usage.

Fast, simple Attic Support assists in any kind of situation or framing preference for full control of room framing and materials.

Support for every loading situation including attic, gravity, wind, and so much more.

Color-coded CSI feedback features fixed colors to make clear where members are over-designed or stressed.

Drag-and-drop plate positioning is designed for real-time, color-coded feedback to identify plate passes or fails.

Mid-height floor truss bearing design with ribbon notch.

Add and customize attics

View color-coded CSI results

Position each plate correctly using plate monitor interface

Please contact your Alpine® Sales Representative for a demo or more information.