

Elecosoft[®]

Building on Technology[®]



Framing

Transforming timber frame business efficiency

with digital design

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Transforming timber frame business efficiency with digital design & production

Timber frame is an increasingly integral element of efficient modern construction. Timber wall frames and flooring cassettes represent some of the most easily accessible offsite options for contractors looking for better and faster ways to deliver all types of residential and commercial buildings. Offering speed, sustainability and environmental benefits, it is unsurprising that it is a rapidly growing and vibrant manufacturing sector that has become a fundamental part of the construction supply chain.

For timber frame manufacturers, assuring effective design and production planning is essential. Getting the methodology of design right not only expedites reaching the final design but enables seamless and error-free handover to production.

Firms seeking to maximise the market opportunities of timber framing in house-building and other areas of construction are turning to digital design to help them build strong, efficient, and sustainable manufacturing businesses – and stand out in the crowd to secure offsite contracts.

Their choice of digital solution is critical and determines the speed at which they can execute a project, the resource and time costs involved, and how easily they can move from concept to finalised design to manufactured frames of totally dependable high quality – and thus assure on-time delivery to site.

For more Framing information and product specifications please turn to page 7.





Hubb Timber Frame Limited in Somerset manufactures all its timber frames in-house and delivers complete projects, from design concept to installation. For the past 13 years it has used Framing from Elecosoft to help it operate efficiently, drive manufacturing, and save significant time on design and design changes. Although Hubb has just three people in its workshop, and just a single designer, today it can compete against much bigger rival contractors.



"Framing is phenomenal and has made us completely competitive against bigger companies. Not only has it eased the design and quotation process, but it makes it all incredibly easy as it calculates the materials required for each job. It is simply a massive time-saving tool."

"Framing give us both a speed advantage and more control. If we encounter an occasional problem with a frame, we can jump on it fast. We don't need to go outside to get panels redrawn, and if a customer wants a small change, we can process that easily."

Adam Poole, Hubb Timber Frame



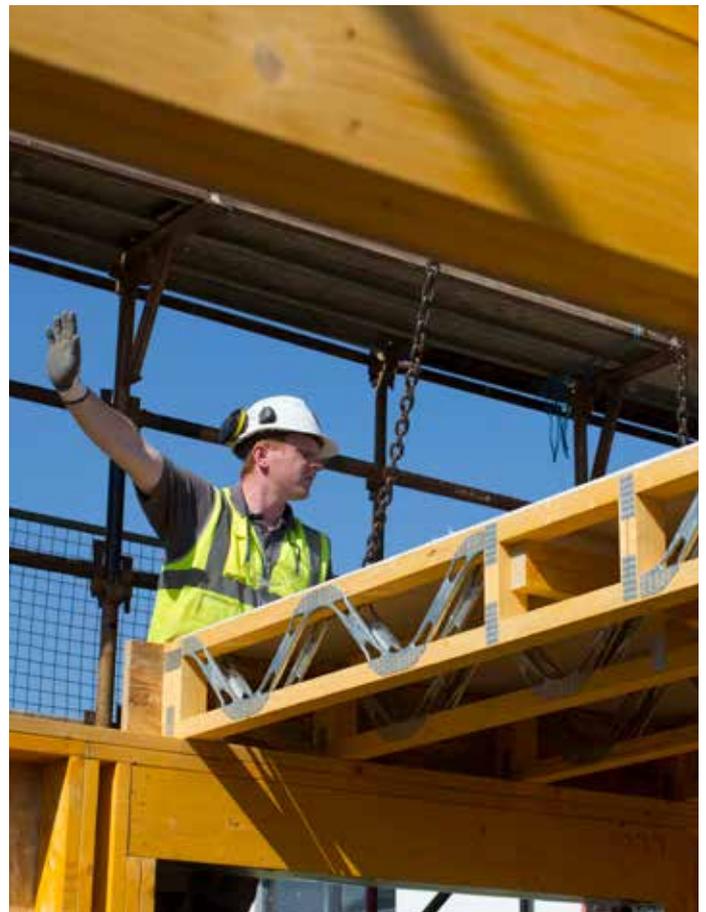


Glasgow-based Mactaggart & Mickel Timber Systems Ltd. offers timber frame design and manufacturing services covering the entire build process, serving its own home-building division, as well as the wider construction market. It uses Framing software from Elecosoft to create timber housing kits and elements ensuring manufacturing consistency and maintaining optimum production efficiency. The use of software has replaced slow, manual design and paper-based production management processes.

"We can process much more design output using the software than we could do on a drawing board – plus, manual designs issued to the factory could not program our machinery. The Framing software loads our machines automatically, so they can just start cutting."

"You can get optimal yields from timber, and the consistency is superb. Framing software ensures we get the quality of our products right first time, and manufactured to the highest standard."

Colin Alexander, Mactaggart & Mickel





The Timber Design Studio delivers an expert timber design resource that is accessible for any manufacturer or self-builder in the world – but its physical location has become completely irrelevant. Designer Luke Walker is able to use his experience to design remotely, deliver designs electronically, and adapt to the standards, supply chain and CNC manufacturing needs of any client quickly and easily. With Framing software from Elecosoft he has a digital timber design working environment that he uses daily to delight his clients in the UK and elsewhere.

"I'm in the Framing software all day. It's the first thing I open when I get to the computer. I plan my day the day before, so if I have multiple jobs I know what I'm working on and for which client. .. I just change the database. It's the only programme I need to do my job."

"A few years ago, it was all lines and node points and putting specific information on every line. Now, the speed is incredible. I can just draw frames in the software, and straight away the client has a 3D model."

Luke Walker, The Timber Design Studio





Pinewood Structures is one of the largest UK providers of timber frame homes and modern sustainable structural solutions. Its success depends on assuring customers of the highest quality outputs every single time. It uses Framing software from Elecosoft to support precision design, management control and production excellence. The software not only delivers business benefits but is helping ensure the company is fully ready to support its customers' growing BIM requirements and use of modern construction methods.

"If you want to design for us you have to use the Framing application. It controls our design quality because we can give them templates and materials databases. Software controls the quality, instead of people. It gives us a standardised input to our factory – and, if you have that, you get a standardised output."

"The Framing software gives us a massive speed benefit between getting the drawing signed off to getting the information to the shop floor. With this software you simply don't need as much experience and skill to be able to produce high quality work."

Nick Warboys, Pinewood Structures



Timber frame software created and continuously developed in the UK

Introducing Framing

We are a key provider of timber frame and floor software solutions – successfully developing and providing design-led software for the construction industry for over 20 years.

Our solutions are used for today's demanding and evolving manufacturing requirements. Framing provides digital output for automation of factory production.

Why people choose Framing

- Timber frame software created and continuously developed in the UK
- Timber frame software with the most combined customers in the UK and Ireland
- Innovators of new software solutions
- Longest established timber frame software in the market

Design software for Manufacturers, Structural Engineers and Design Practices

Framing, the design tool for timber frame and floor construction is a modular solution to fit the needs and requirements of today's offsite construction market. Operated extensively by manufacturers, structural engineers and design practices, the software is used for the detailing of timber frame buildings in 3D, producing comprehensive material schedules, manufacturing drawings for manual production along with direct links to industry automated machinery and saws. Designed to work on many Autodesk® applications, Framing is the preferred industry design platform for timber frame and floors.



Top product features

- Simple and quick to setup and use
- Wall framing, including closed panel functionality
- Dynamic updates
- Cassetted or loose flooring
- Direct machine and saw links
- Single environment for drawing, scheduling and output
- Export via IFC to Autodesk® Revit and other BIM applications

Support

- Industry-trained personnel
- Quick and accurate responses
- Telephone, email & real-time web based facility using GoToMeeting®
- Direct feedback to the development team
- On site consultancy

Extensive Training

- On/offsite training available
- Comprehensive training and user guides
- Training audits
- Client-specific courses upon request to suit all needs

Autodesk®

- Autodesk® reseller – able to provide all of your CAD software requirements
- Autodesk® developer for over 20 years – bespoke development available

More information

Recommended system requirements for PC's running AutoCAD or AutoCAD Architecture 2010 – 2018 (Inclusive) using the Framing software. Please call the Support department on **+44 (0) 1844 261 609** if you have any questions.

Transform your timber frame business

Discover Framing and enhance your efficiency with digital timber frame design software.

Speak with our Framing team today.

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