



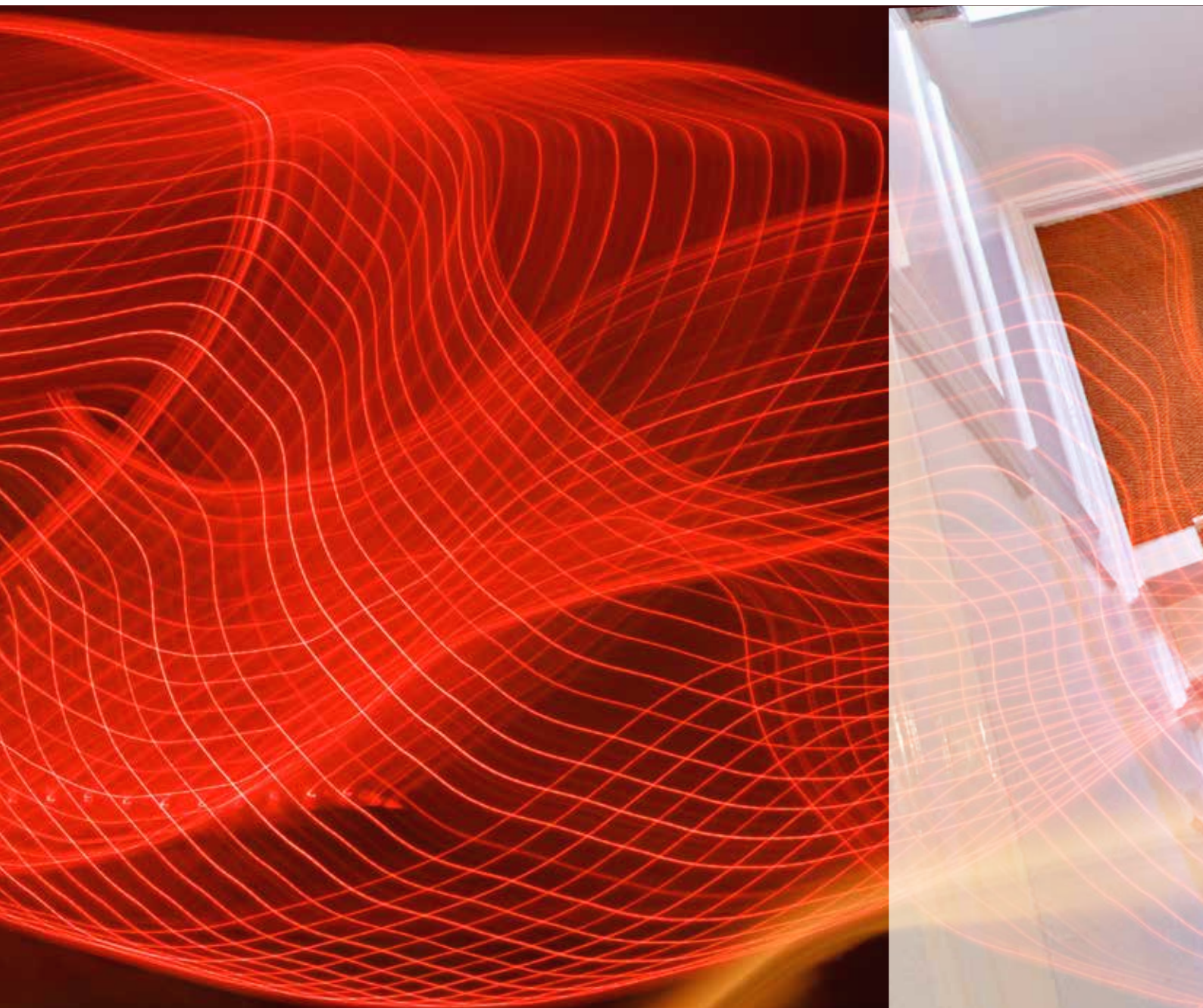
Compass
Software

POWERFUL EXPERT SOLUTIONS FOR STAIRCASE MANUFACTURING



INTEGRATED COMPLETE SOLUTION IN ONLY ONE SOFTWARE

L2



Compass Software is one of the worldwide leading providers of software for the staircase manufacturing industry. We offer complete solutions from construction planning and three-dimensional visualisation of designs to supporting nearly fully automated CNC processing.

We are experts in the field of CNC connections and workshop organisation for solid timber processing. Our software is able to control all established CNC-driven machines which are being used in the woodworking sector.

Developing specific individual solutions is our specialty.



**HEADQUARTERED IN DORTMUND,
GERMANY SINCE 1982**

**U.S. SUBSIDIARY IN ATLANTA, GA
SINCE 2015**

L4



Compass Software's history closely correlates with the technical advancements of the PC and application software in the field of woodworking. The company has always played an active part in the changes on the market and is constantly improving itself. This has made Compass Software an international leader among software providers for the staircase manufacturing industry.

1982__ Start-up more than 30 years ago

1984__ Implementation of the first CNC connection

1986__ Development of 5-axis technology

2001__ Handrail wreath with profile cutter

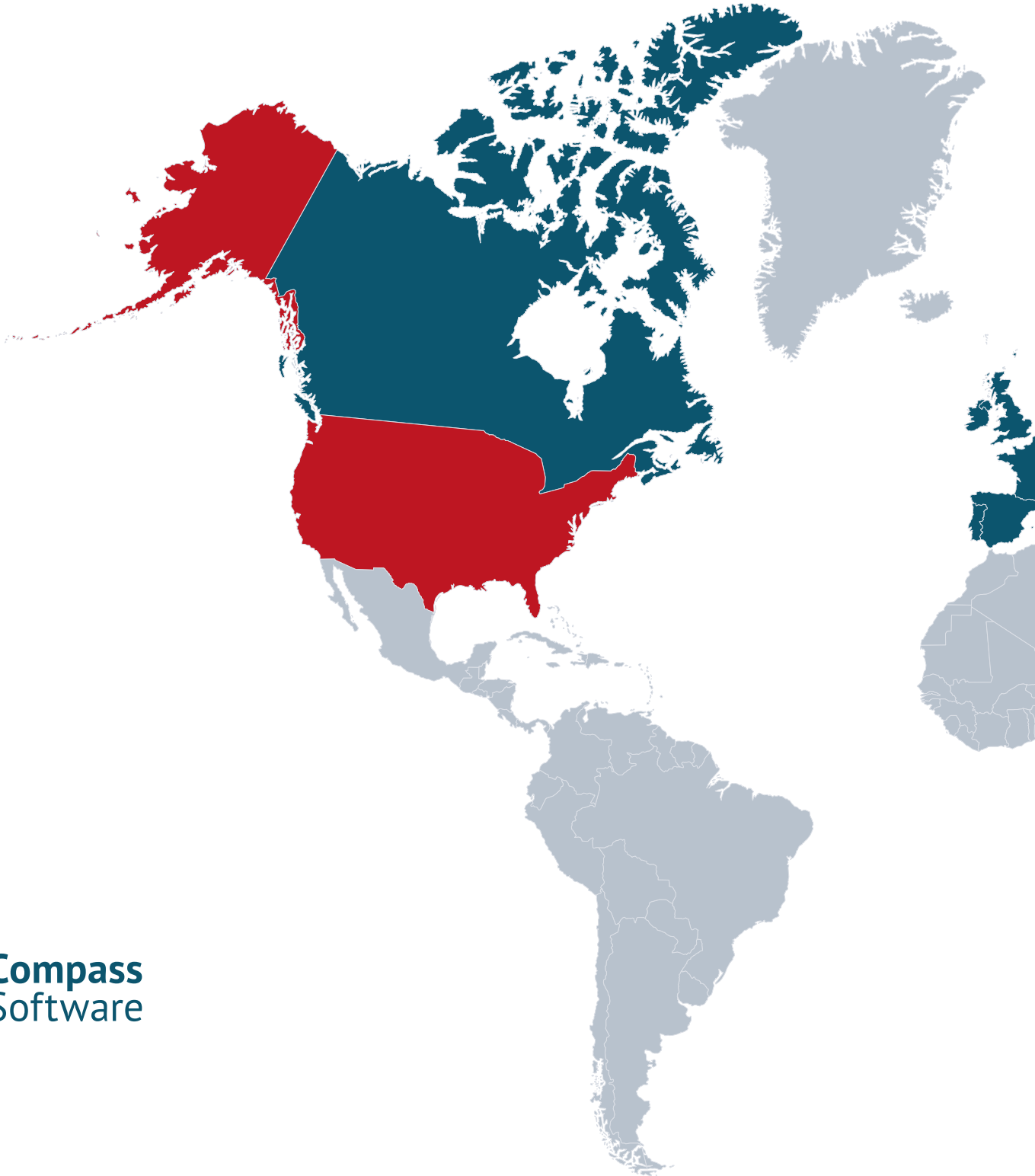
2012__ Online configuration and calculation of staircases

2015__ Founding of Compass Software Inc. in Atlanta

2017__ Implementation of Virtual Reality Technology



NEARLY 3,000 CUSTOMERS IN MORE THAN 30 COUNTRIES AROUND THE WORLD



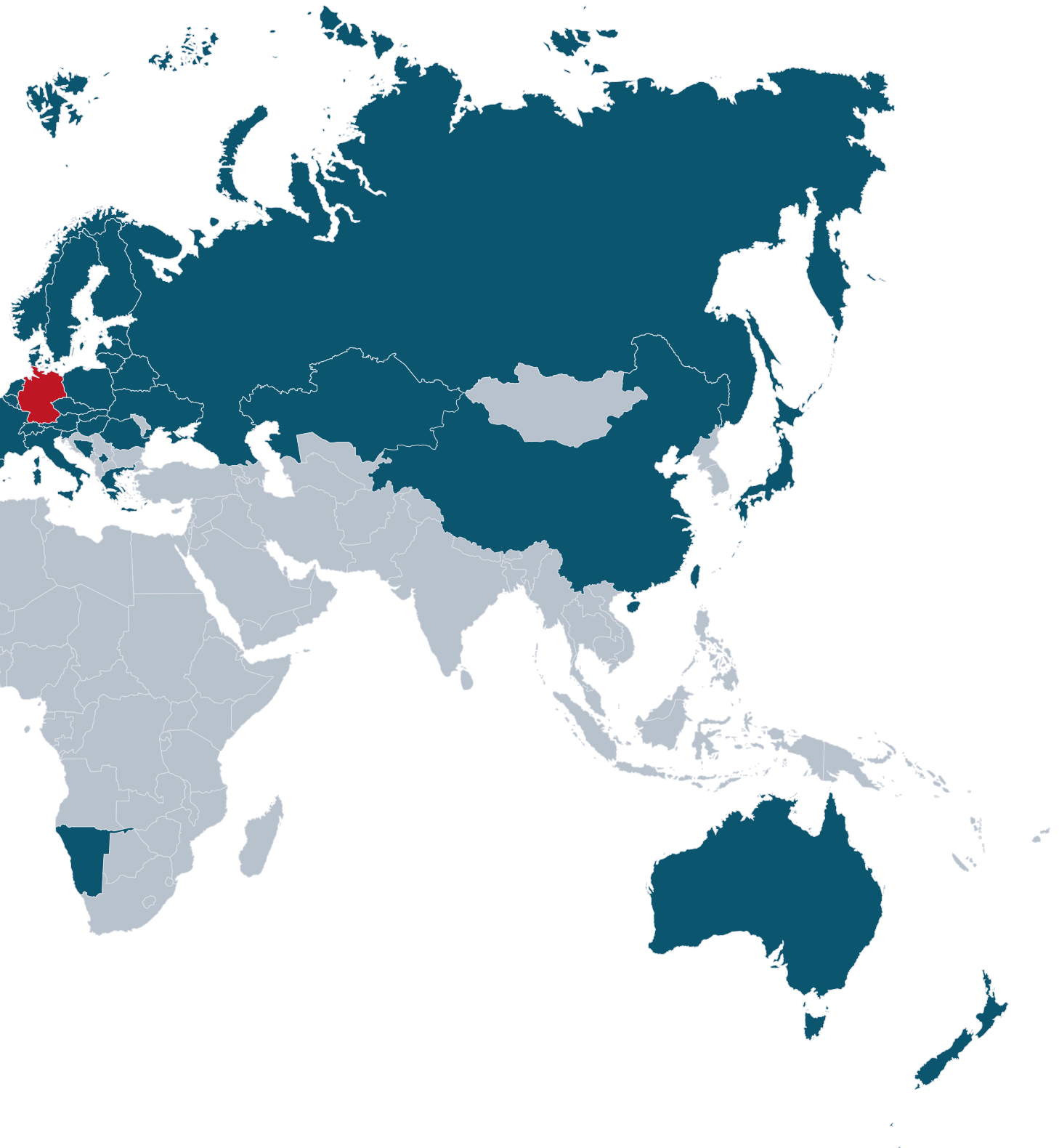
L6



Compass
Software

Compass Software's customer base includes companies of all sizes – from small businesses that produce only few staircases each month, to companies with industrial manufacturing that complete more than 40,000 staircases each year.

Nearly 3,000 customers have profited from our advanced expertise and extensive know-how so far.



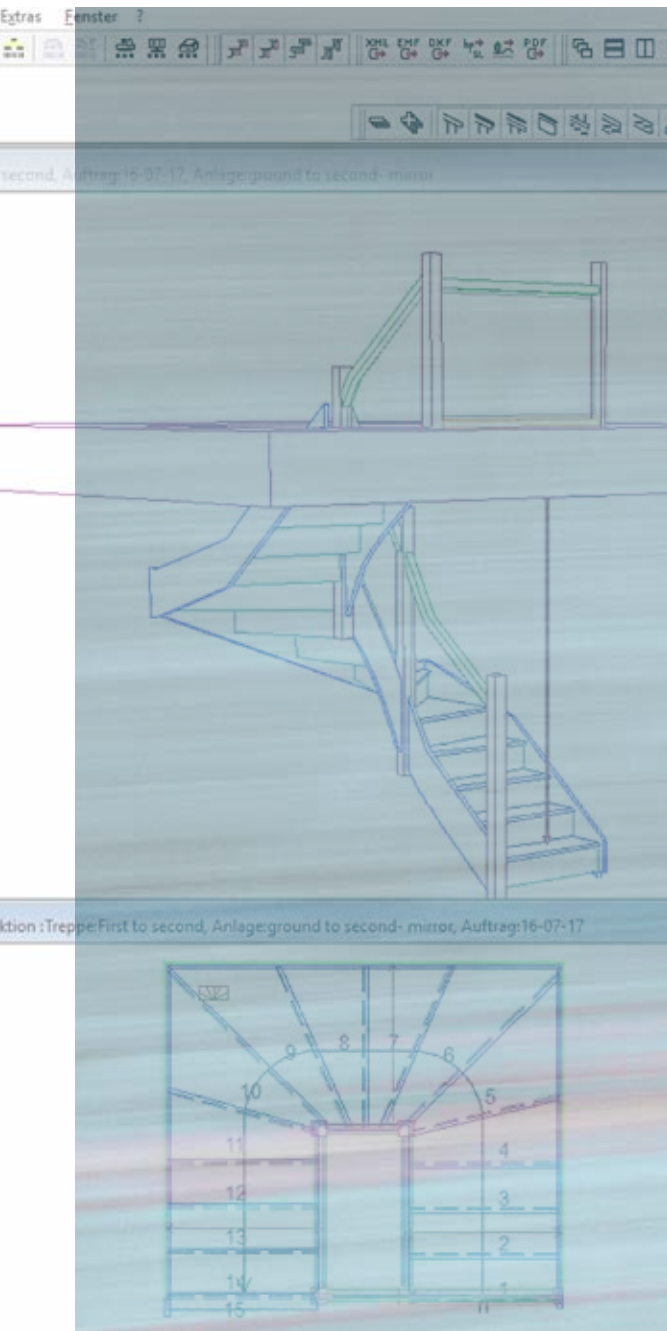
VIRTUAL AND ANALOG

35 HEADS, REAL POWER

OUR PEOPLE ARE OUR

GREATEST STRENGTH

L8



Compass Software is made successful by its people and their passion for dealing with extraordinary challenges. We are proud of the wealth of experience and world class skills our staff put into their work.

Our staff's long affiliation with the company and the fact that many of them have worked for us from the start is very gratifying.

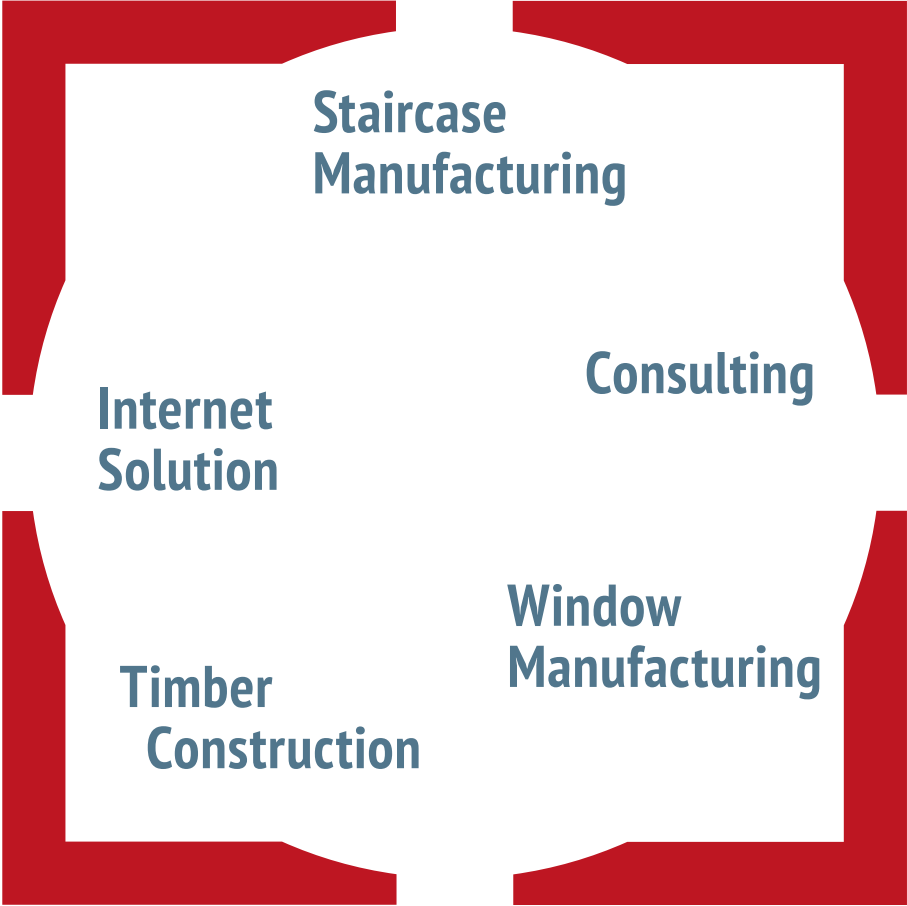
Whether customers need us to professionally analyse their individual business processes, develop hands-on strategies for the rationalisation of their procedures, or for support with the software implementation process, our clients can be confident that our people are highly trained and qualified, as well as experienced and dedicated professionals.



COMPASS SOFTWARE

AREAS OF BUSINESS IN AUTOMATED CNC PROCESSING

L10



Staircase Manufacturing

- Core Competence with advanced expertise and extensive know-how
- Developed and sold since 1982
- Distributed globally
- Main business area – ca. 99 % of all customers
- Fully automated generation of processing programs
- Connection of all common machines, including old machines and special machinery, such as tread or post machines
- Automated calculation of central clamping positions
- Installation of robotic loading systems

Internet Solution

- Planning of staircases online - fast, simple, and with specific data from end customers
- Independent of location – from any terminal in the world, no matter whether it's a PC, notebook, tablet, or Smartphone
- All data directly usable for immediate production
- Market entry with prototype in 2012; currently no comparable product on the market

11_1

Consulting

- Professional analysis of customer-specific business processes and development of hands-on strategies for the rationalisation of procedures
- Implementation of optimised procedures leads to a noticeable reduction in workload, saving of time, and a significant increase in efficiency for customers

Timber Construction

- Based on the BTL interface which is serviced by all customary construction software
- The particular BTL format can be used via a single unique neutral processor for all processes and products in timber construction
- Control of all customary and eligible machining centres is conducted across platforms and with only one single software
- Awarded as Best Of for the innovation award IT 2016

Window Manufacturing

- Based on XML interfaces which are used by all common window manufacturing software packages
- Processing strategies and profiles can be implemented and changed individually by the customer
- Editing of round profiles, elliptical profiles and any other contours
- Control of all common machines

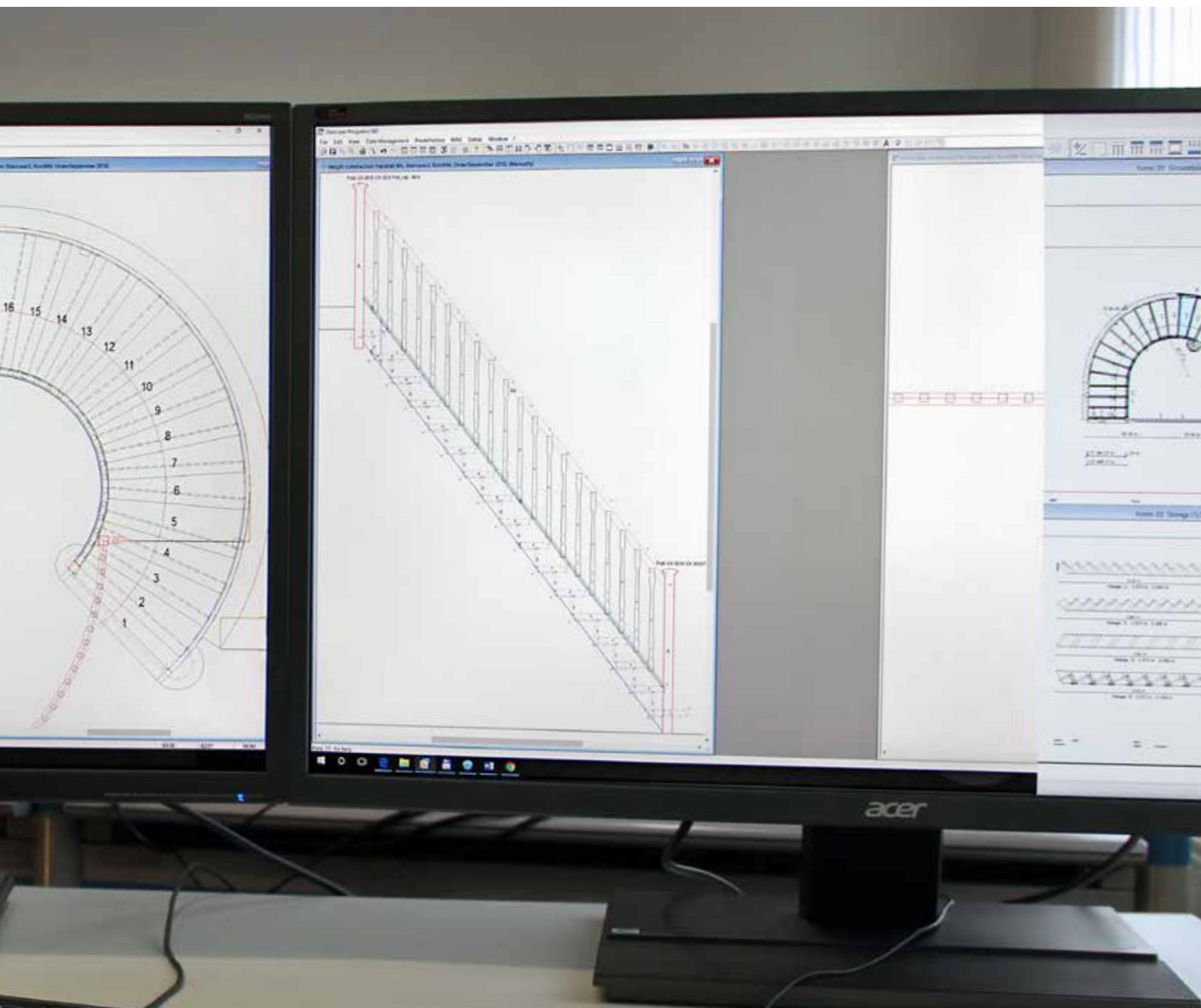
OUR CORE COMPETENCE: CAD-CONTROLLED MANUFACTURING FOR ALL DIFFERENT SIZES OF BUSINESSES

L12



Compass Software is setting the standard for software in the entire staircase manufacturing industry. The expert knowledge in the field of staircase construction that our employees have collected over the course of the last 30 years makes our software a crucial component of our client's success.

Straightforward construction of standard and special staircase types, such as bolted staircases, folded staircases, spiral staircases, space saver staircases, etc. – input of DXF data – detailed parts lists – price calculation, including detailed post calculation – 1:1 output – photo-realistic 3D visualisation – material mixes of wood, stone, glass, steel – positioning of lights etc. are features that facilitate the construction process significantly.



OUR CORE COMPETENCE: DATAFLOW IN A NETWORK AND EFFECTIVE HIGH-TECH PRODUCTION

L14



Developing unique additional solutions to satisfy user-specific needs is our specialty.

Effective Production through Barcode Controlling

Controlling of data for CNC machines with automated CNC code generation. Controlling of laser images, including barcode scanning, selection of different heights, and controlling of lasers for gluing stations. Organisation of several stations at once with time recording and status feedback.

Paperless Production

Integrated time recording using bar code control. Automatic labelling of finished parts. Paperless transportation and visualisation of all information.

High-Performance Tread Production

Fully automated reading in of tread data from other tread programs in different formats. Optimisation on plates of different size and thickness in one warehouse, including control of panel storage systems.

Control Automated Loading Systems

Set up of CNC manufacturing centres with movable robots for fully coordinated loading of tread machines with an automated movable table. All processes run fully automated, partially simultaneously, and systemised with collision control.



CONSTRUCT AND DISPLAY INTERACTIVELY FROM ANY TERMINAL IN THE WORLD

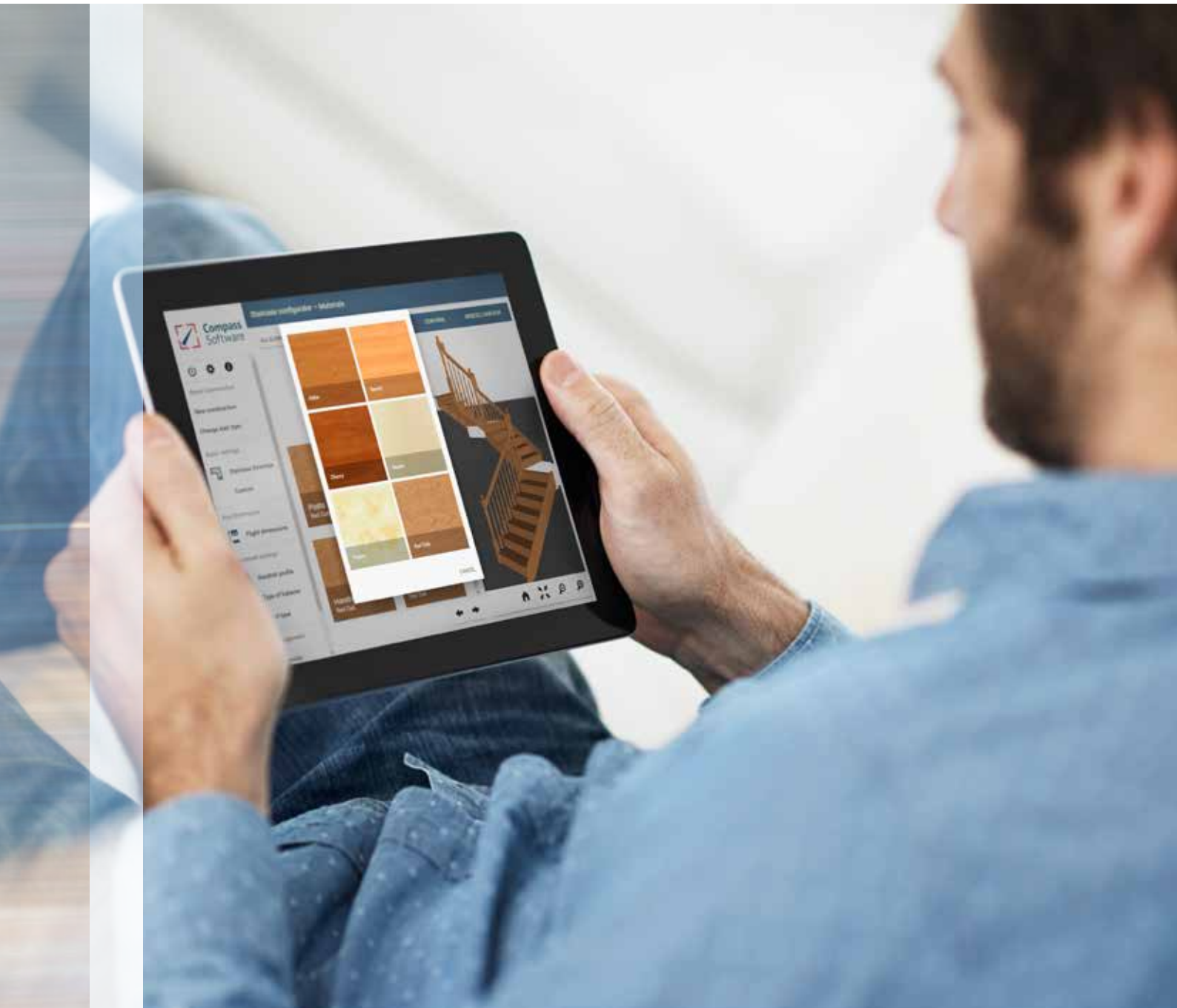
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Our web-based Staircase Configurator makes it possible to construct and display a staircase interactively while also including specific end customer data. The Configurator enables you to work fast, easy, and independent of location – from any terminal in the world, no matter whether you are working from PC, notebook, tablet, or Smartphone. You can construct and display the staircase in 3D on any online browser. And the best part is: all production details are available on the server, so the staircase can be produced immediately.

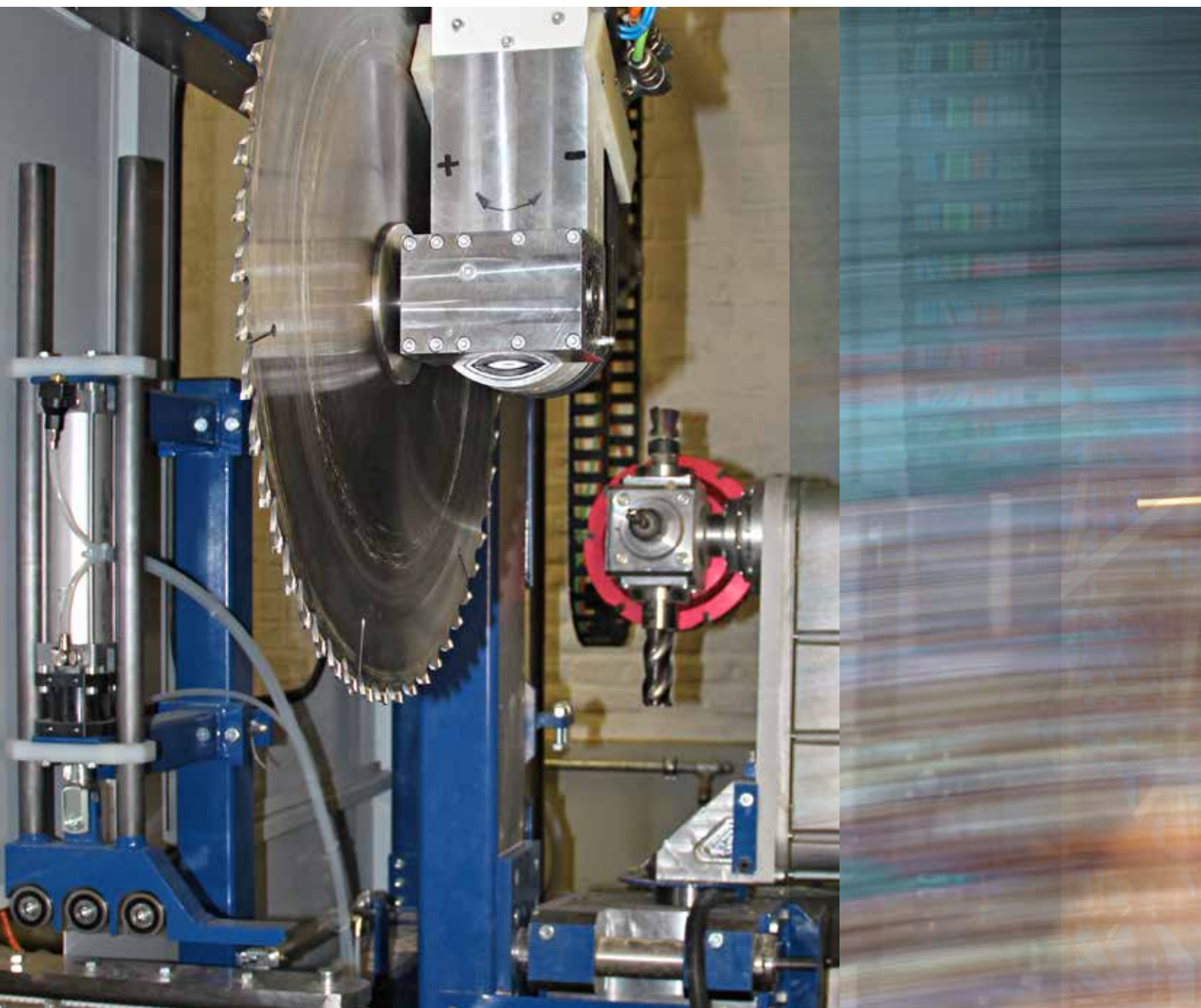
The Staircase Configurator is appealing for field sales, or, respectively, end customers, who can view their staircase online on their own devices and even edit it themselves. Users have the freedom to try different designs and view them on the spot. It has never been easier to show customers what is possible and actually visualise it for them as well.

- The staircase type can be changed
- Different materials, surface treatments, and winding details can be tried out
- The staircase can be rotated and looked at from all angles
- The highlight of this process: all data is saved online on the server and can be used directly for production.



TIMBER MANUFACTURING: THE CAM/CNC SOLUTION FOR ALL PRODUCTS INDEPENDENT OF MACHINE BRAND

L 18



Next to our flexible and highly precise solutions for staircase manufacturing, we have also been offering CAM solutions for timber construction for quite some time now. These are based on the BTL interface which is serviced by all customary construction software.

The most exceptional thing is that the particular BTL format can be used via a single, unique, neutral processor for all processes and products in timber construction (sunrooms, windows, doors etc.).

The CAM module is highly flexible, network-compatible, and not restricted by the number of machine axes. Furthermore, the coupled application of loading systems, such as loading gantries or robots, is possible.

This software solution results in a groundbreaking leap at our customers' workshops, as well as making the execution of their work processes significantly faster and cheaper. This is the backdrop against which it was awarded as Best Of for the innovation award IT 2016.



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