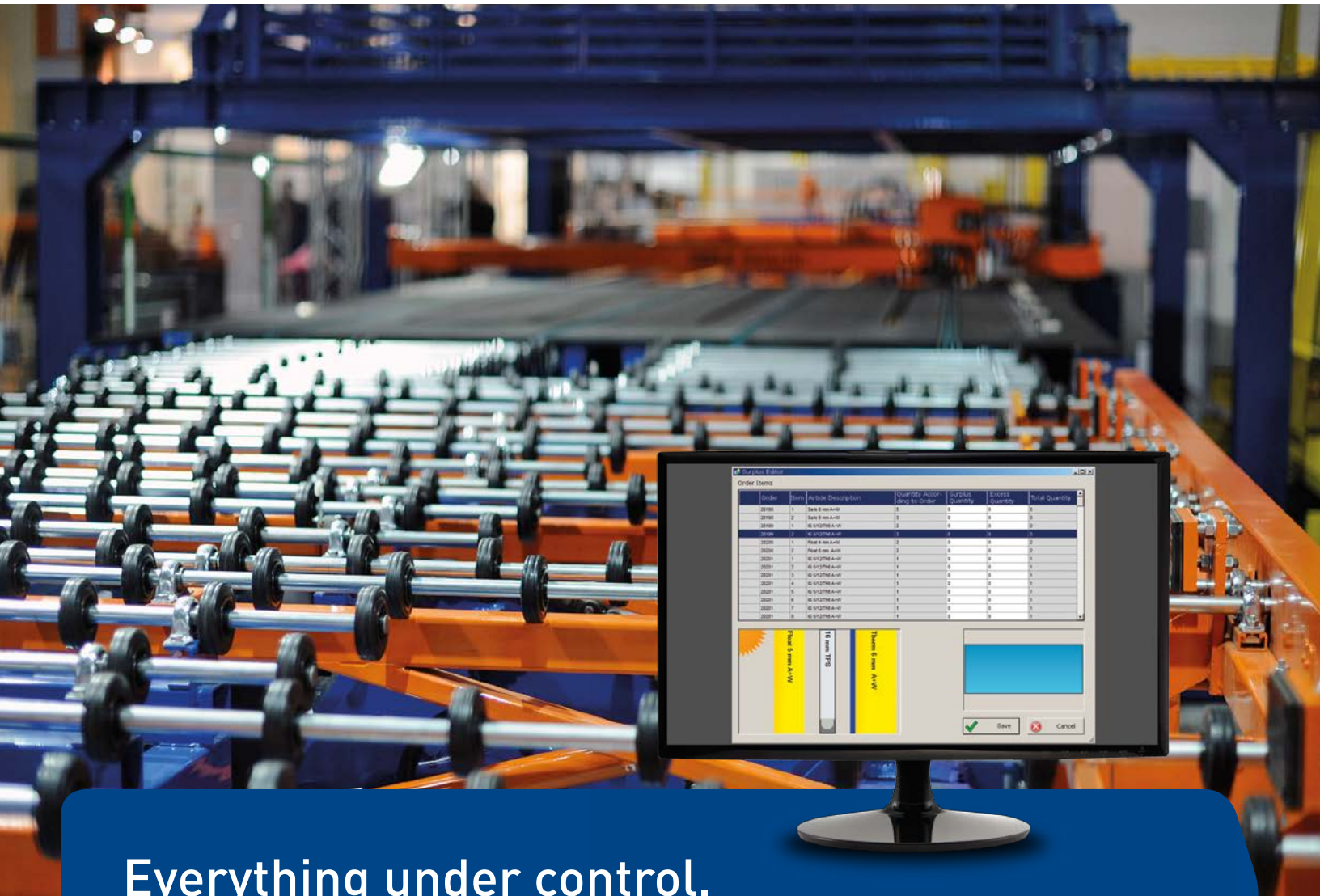




A+W Production



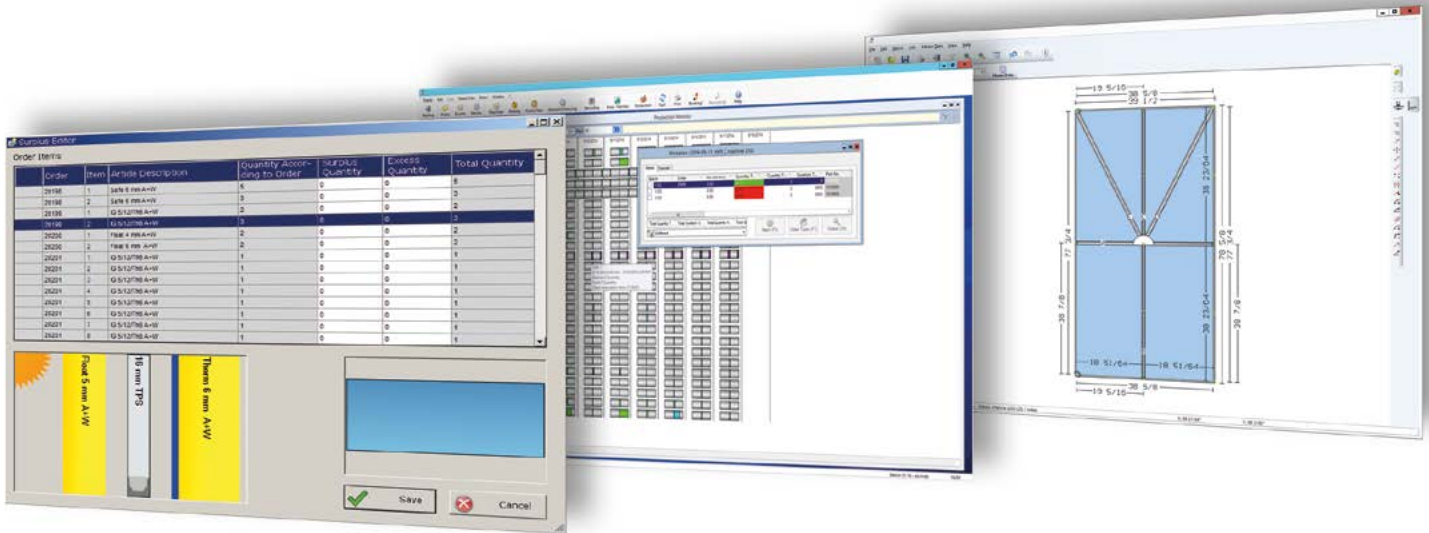
Everything under control.

A+W Production is a highly flexible PPS solution for IG-, toughened glass-, laminated glass-, and multi-stepped production.

A+W – Software for Glass and Windows



Staying up to date



Optimally planned

An extensive product range and modern production machinery put increasing demands on organizational concepts and planning and control software. The machines, highly complex, sensitive high-tech systems, allow high clock rates and fast processing times – but only if the overall concept is right and the production process is optimally planned and controlled. Scalable software systems and integrated solutions are the key for an optimized production environment.

A+W Production is a highly flexible PPS solution for complete rough and detailed scheduling of IG-, toughened-, and laminated glass production. The system allows to plan and control even highly sophisticated, multi-stepped production processes.

Recent improvements like campaign planning, simple rescheduling options and the improved scheduling algorithms complete the functions of A+W Production and greatly facilitate the daily work of production managers, production scheduling, and the staff on the shop floor.

A+W Production – functions

The system can be configured for all production areas, machines, and material flow. Information on status and quantity changes for example are reported to the ERP system. The order processing and sales staff can answer customer enquiries quickly and reliably; the delivery process can be reorganized and adjusted if necessary.

The basic version of A+W Production includes production- and machine-related rough and detailed scheduling, optimization, machine allocation, production release, and the creation of production papers and labels. In addition to taking into account the machinery restrictions and production control settings, check programs of various machinery suppliers can be integrated to ensure the feasibility of products.

Machine allocation determines the primary machine and production alternatives so that another machine can be used for processing, if necessary. Rough scheduling permits a general overview of the orders to be produced so that they can be transferred to production in

Modules:



A+W CAD Designer



A+W Capacity Planner



A+W Barcode Manager



A+W Dashboard



A+W Production Terminal



A+W Defect Optimizer

Your Benefits:

- Cost and time savings thanks to pre-defined planning and control processes in work preparation and production
- High glass yield thanks to state-of-the-art optimization algorithms
- Mapping of complex and multi-level storage space organization with graphic displays and production papers based on 35 years' experience in the production sector
- Possibility of flexible adaptation of process steps and graphic displays to suit planning and work preparation needs
- Modular structure and scalability of the system – optional expansion, for example, to include A+W Capacity Planner and/or intelligent optimization systems (e.g. A+W DynOpt)



suitable batches. The special feature of A+W Production rough scheduling is the quantity/product-oriented evaluation of the units to be produced based on different criteria.

Detailed scheduling automatically fixes the production sequence and racks for all elements to be produced and processing steps to be performed. Depending on the organization, this sequence can be based on customer's requirements, the results of rack optimization, or production-related restrictions.

A+W Production terminals are ideal supplements for A+W Production. These are software modules for online control, online visualization, and online monitoring of production processes.

Controlling processes – increasing the yield

A+W Production detailed scheduling controls the material flow on the shop floor and supports the target of maximum yield. Users define the priority of requirements for the process. The optimized production sequence saves tedious sorting work while saving space and time on the shop floor.

A+W Production offers various grouping and sorting functions to define the exact allocation of individual sheets to the racks. This enables all items of an order or all sheets of a unit can be kept together. All this is done even before the first sheet is cut.

**Flexibility – sequence – waste:
It is up to you to decide and control!**

 A+W Realtime Optimizer

 A+W Shape Optimizer

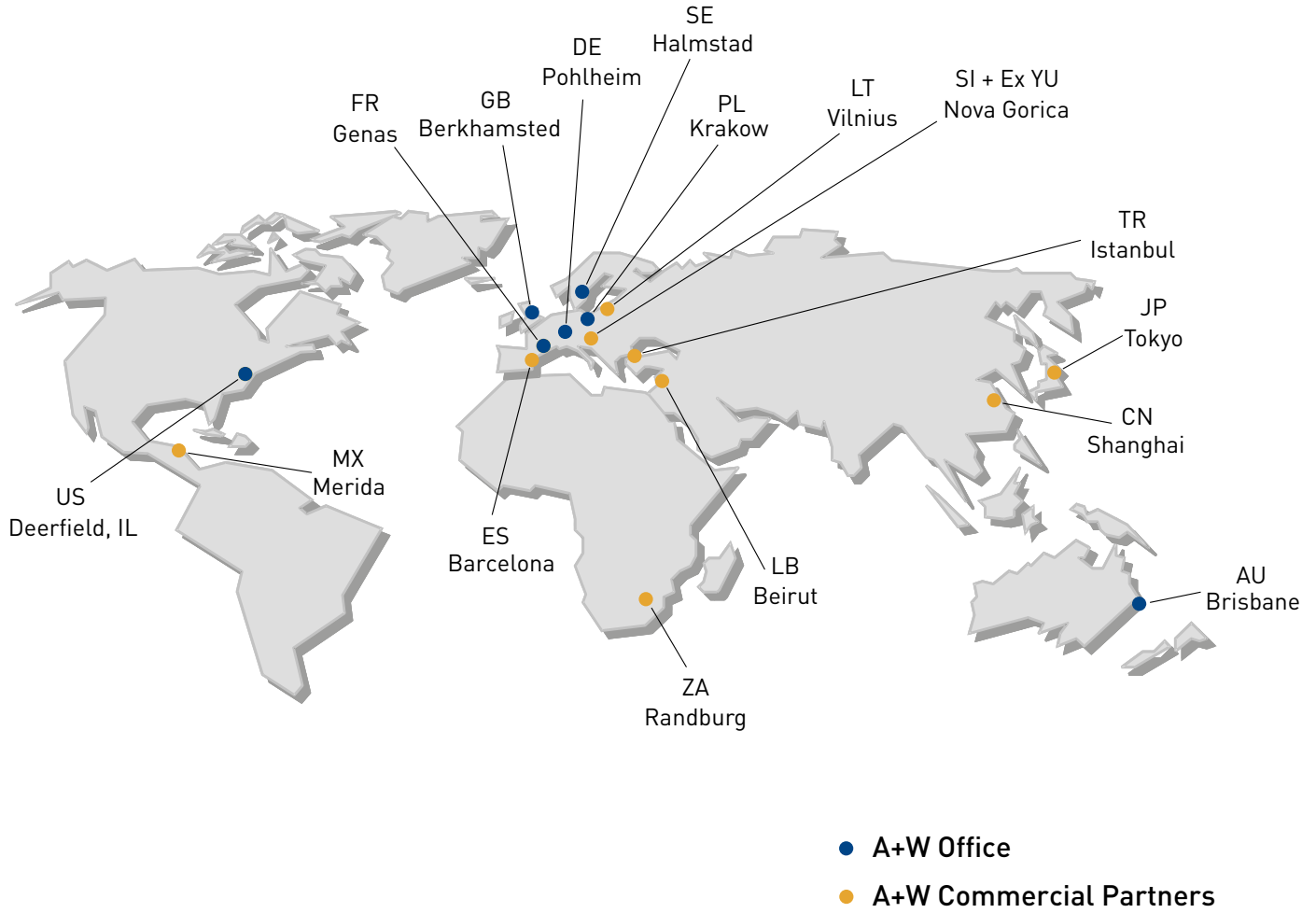
 A+W DynOpt

 A+W Rack Optimizer

 A+W Stack Optimizer

 A+W Discovery

A+W Software USA Inc.
One Parkway Drive 400S
Deerfield
Illinois, 60015
Tel. + 1 312 470 6645 (Main Number)
Tel. + 1 888 254 2915 (Toll Free)
Fax + 1 847 948 9425
usa@a-w.com
www.a-w.com



A+W – the global market leader in the flat glass industry for midmarket and enterprise customers for more than 35 years.

Our long-term experience is your value for Glass and Curtain Walls, Windows and Doors.

A+W – Your Trusted Advisor

A+W – Software for Glass