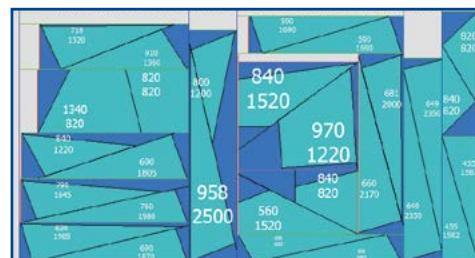
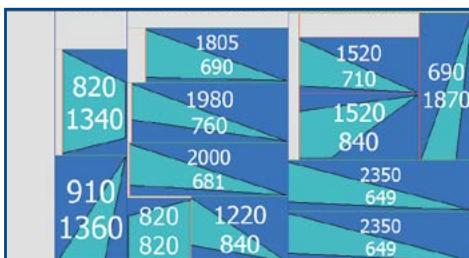
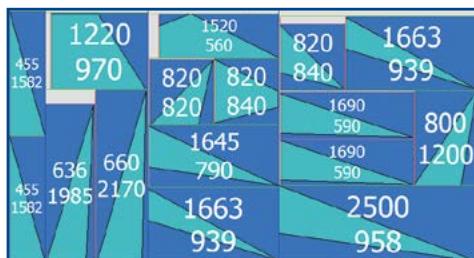




Innovative shape optimisation

Shape 1

+

Shape 2**= A+W Shape Optimizer**

Your benefits:

- Cut minimisation due to combination of shapes in a circumscribed rectangle
- Adherence to the defined production sequence
- Cost reduction due to optimal space usage of patterns on stock sheets

Because of ever more complex geometries for windows, facades, and winter gardens, and also interior architectural elements, the share of shapes in the product mix continues to increase.

With a usual cut optimisation, normally the circumscribed rectangle for a shape is considered in the optimisation. Precisely with triangular shapes, this results in very low yield, since under some circumstances, up to 50% of the rectangle's area becomes waste.

The A+W module A+W Shape Optimizer can help you here by combining shapes from different items in space-saving fashion within a rectangle.

In order to keep the work required on the cutting table as low as possible, a maximum of 2 shapes are nested within the rectangle. A+W Shape Optimizer considers the required auxiliary cuts so that the shapes can be removed easily from the circumscribed rectangle.

A+W Shape Optimizer can be used both in operations with harp racks as well as those with A-rack organisation.* When combining shapes, the program considers the different shape items, the sorting sequence of the sheets that must be adhered to in the different storage locations.

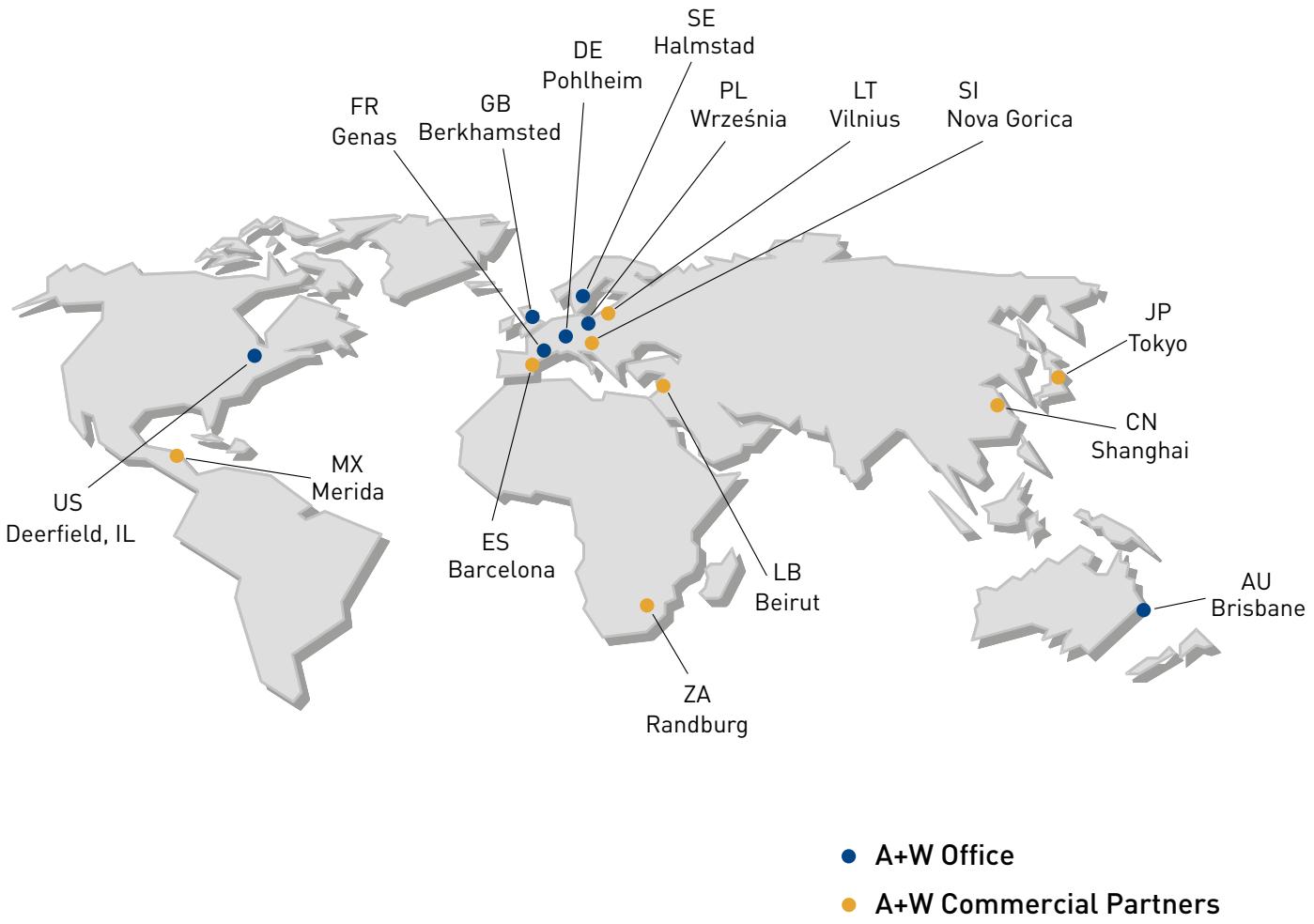
Especially for customers who have a lot of shapes in their product mix, the savings are enormous.

Planned enhancements:

- Expansion to shapes with arcs
- Combination of shapes with area coating

* The use of A+W Shape Optimizer is only possible with A+W Production and A+W optimisation programs such as A+W Sequence Optimizer, A+W Realtime Optimizer, etc.

A+W Software GmbH
Am Pfahlgraben 4–10
35415 Pohlheim
Germany
Tel. +49 6404 2051 0
Fax +49 6404 2051 877
info@a-w.com
www.a-w.com



A+W – 40 years of global market leadership in software for the flat-glass, windows and doors industry – for small, medium-sized and enterprise companies.

Our long-term experience is your benefit.

A+W – Your Trusted Advisor

A+W Clarity Software for Glass