



Continuous production logging



Thanks to the new possibilities of state-of-the-art communicating machines, the desire to be able to save, document, and evaluate the production of each individual sheet or an entire batch seamlessly is becoming more tangible.

Individual machine manufacturers in cooperation with A+W and various associations and industrial committees are forcing common standards (e.g. OPC-UA), but it will surely be many years before all manufacturers support such a standard and all machines at your company are replaced.

With A+W IoT Smart Trace, you already have the opportunity to record and save in native format data from various sensors, scanners, machines, and software systems. For this, the information is enriched with metadata (when, where, by whom, under what basic conditions generated and sent) and stored in revision-proof fashion in a central data storage location. Information about temper-

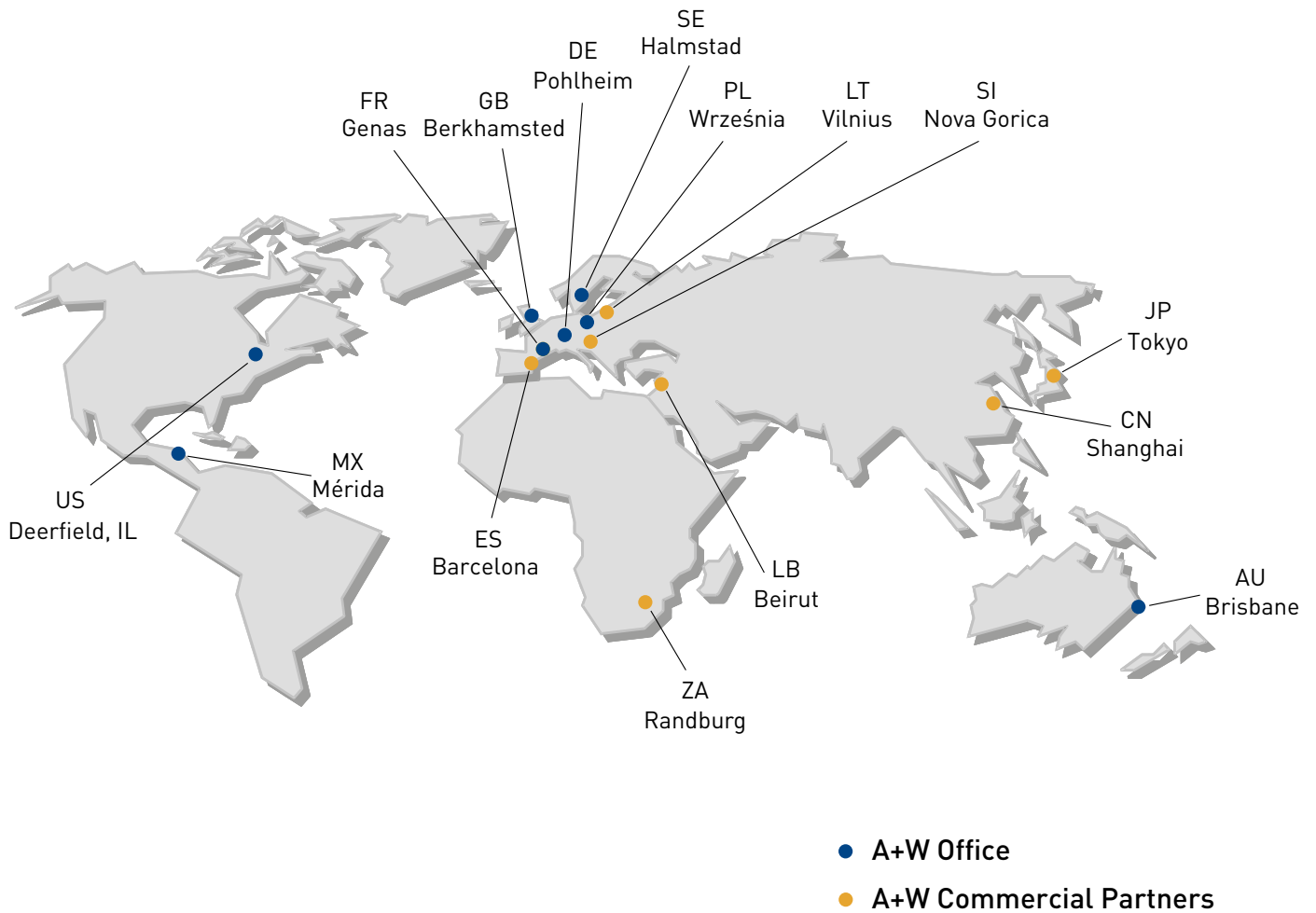
atures, recognised quality characteristics, and booking time stamp can be logged, as can manual inputs by a user. Subsequently, this data can be displayed context-sensitively (e.g. for the order) or displayed and evaluated with tables and dashboard functions.

Integration with individual machine and scanner manufacturers is quick, for clever and future-oriented machine manufacturers are already relying on state-of-the-art standard connectors for their machines and forcing a manufacturer-independent, comprehensive information flow.

In combination with A+W IoT Smart Office, this creates comprehensive information storage for logging all documentation, communication, and the production chain with respect to an order, a batch or an individual sheet. Exploit the effectiveness of leading cloud technology at your company.

Your benefits:

- **Track & Trace of individual sheets or batches along the entire production chain**
- **Accept/record and save data from connected systems and data sources, e.g. machines, scanners, A+W Barcode Manager, A+W Production Terminal**
- **Search for data: search via filters and metadata (from sidebar or lists)**
- **Display data: table views, expandable into the dashboard with graphic visualisations**
- **Connection and processing of IoT data from state-of-the-art machines via connector classes such as OPC-UA, MQTT, AMQP, Kafka**
- **Incorporation and processing of data from IT systems (flat file, Excel connector, databases, text files)**
- **Can be used in combination with A+W IoT Smart Office – goal: comprehensive information storage**



A+W – over 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