SIGMA
DIGITALISIERUNG GESTALTEN

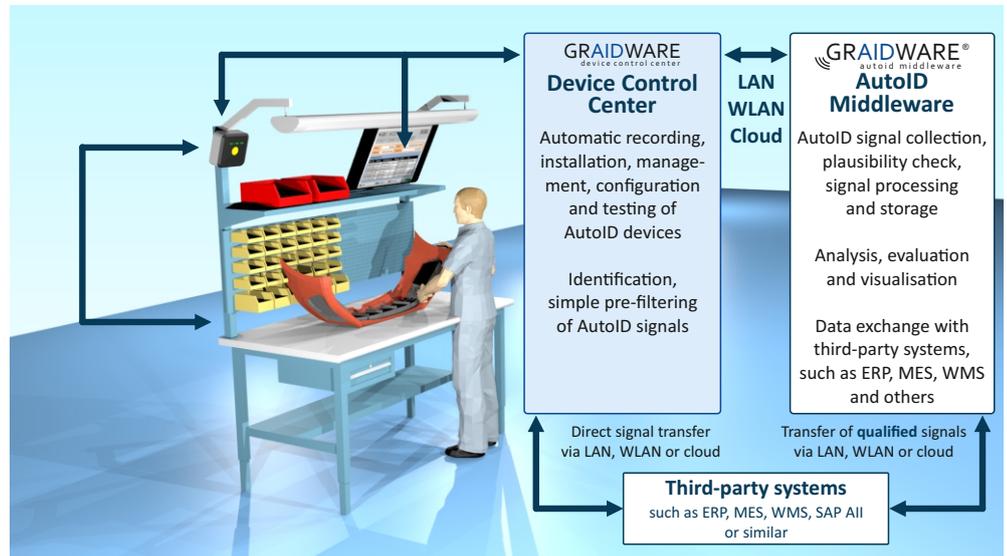# GRAIDWARE®
autoid middleware

Order picking with RFID

Description

When **order picking using RFID,** the part to be picked is identified at the workplace. Identification can be performed not only in an automated manner by means of an RFID reader, but also manually via scanner (RFID manual devices, bar code, data matrix or similar). Alternatively, pick orders can also be selected manually.

All relevant information, such as product and parts lists, is retrieved and displayed on a terminal at the picking work station. It is also possible to retrieve information and data from commercial third-party applications (such as an ERP system).

After completion, the work step is confirmed by the employee.

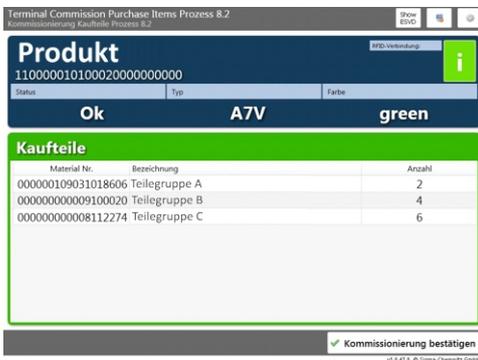Order picking supported by RFID can be combined with a pick-by-light system.

GRAIDWARE
device control center
Device Control Center

Automatic recording, installation, management, configuration and testing of AutoID devices

Identification, simple pre-filtering of AutoID signals

LAN WLAN Cloud

GRAIDWARE®
autoid middleware
AutoID Middleware

AutoID signal collection, plausibility check, signal processing and storage

Analysis, evaluation and visualisation

Data exchange with third-party systems, such as ERP, MES, WMS and others

Direct signal transfer via LAN, WLAN or cloud

Transfer of **qualified** signals via LAN, WLAN or cloud

Third-party systems
such as ERP, MES, WMS, SAP AII or similar

Components

Software
Terminal application

Example for terminal visualisation

Advantages

- Paper-less order picking
- Process logging and quality supervision
- Reduction of errors due to incorrect picking

Examples of application

- Production
- Intralogistics

Functions

- Terminal application to display picking lists
- Acknowledgement by employees is recorded after order picking is complete
- Optional: can be combined with a pick-by-light system

System preconditions

- Terminal-PC
- The GRAIDWARE® software requirements are applicable.

Licensing

- Part of GRAIDWARE® Basis