SIGMA
DIGITALISIERUNG GESTALTEN

GRAIDWARE®
autoid middleware

Product description
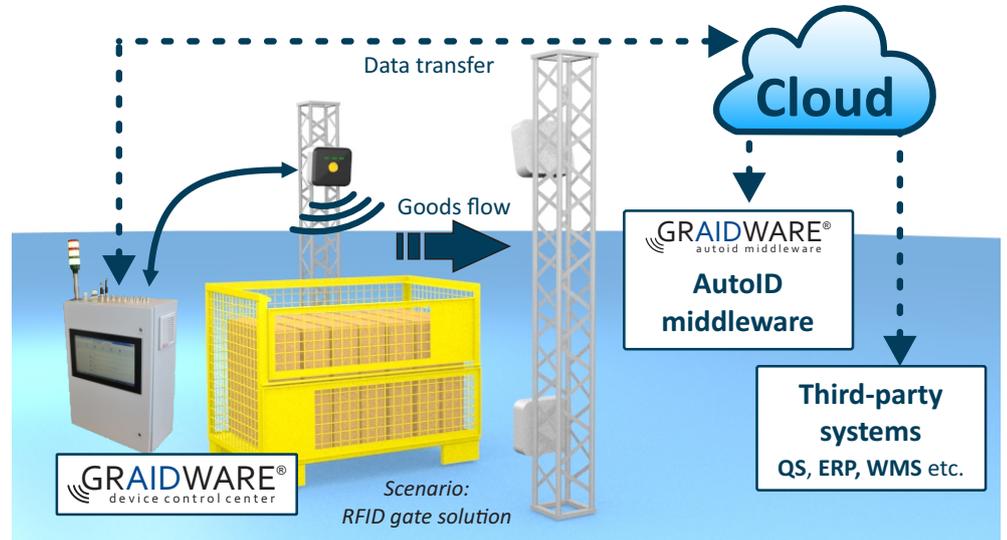# Data distribution – Connection to the cloud

Description

Data recorded at AutoID stations (such as RFID gates or similar) and information (such as machine data, entries at terminals etc.) linked with this data are put into cloud storage, from which they can be called and processed later on by third-party applications.

Data are filed platform-neutrally, for instance in the XML- or CSV format.

In this way, data are made available both in the home location and at other sites or to third-party enterprises. As a result, production and logistical processes among suppliers or corporate entities are simplified and optimised. A supply chain that is a part of Supply Chain Management is implemented across the borders of plants or enterprises.

A suitable information or data flow is guaranteed for material flow. Thus, for instance, goods which have been produced at one location and then sent can be directly assigned a data record after having been identified upon their arrival at the entry point for a second location.

Data transfer

Goods flow

Cloud

GRAIDWARE®
autoid middleware
AutoID middleware

Third-party systems
QS, ERP, WMS etc.

GRAIDWARE®
device control center

*Scenario:
RFID gate solution*

Components

Software
- GRAIDWARE® add-on communication module

Advantages

- Supply of relevant AutoID, product, load carrier or supplier data for locations/firms without GRAIDWARE® installation
- It is not necessary to comprehensively re-create/ manage data for an AutoID object at the destination
- Convenient data supply
- High flexibility due to open file formats
- High level of process automation
- It is not absolutely necessary to implement interfaces

Examples of application

- Support of the supply chain/logistic chain, Supply Chain Management
- Data supply to company-owned locations, customers or subcontractors
- Monitoring of consignment warehouses

Functions

- Transfer of AutoID data, such as RFID identification numbers (e.g. UID or EPC) as well as information linked with them, such as process parameters, machine data, manual terminal entries, to one or several GRAIDWARE® installations and any other applications at another location.
- Configuration of a trigger process, e.g. end of production or RFID shipment gate for data provision
- Cloud-based data storage

System requirements

- The GRAIDWARE® software requirements apply.
- Internet connection

Licensing

- GRAIDWARE® add-on communication module – location license

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