



Identification systems

Complete set: product detection for incoming and outgoing goods



Track & Trace Gate system solution



Clear assignment of products to incoming and outgoing goods

Avoidance of wrong deliveries through transparency of the goods flow

Standardised interface to SAP / ERP

Ready-to-start application package with easy, graphical set-up

With direction detection and optional 3D volume measurement



Logistics made simple

The complete solution for incoming and outgoing goods includes all the RFID components required for automatic product detection. Optional sensors offer the possibility to determine the direction of movement and even the volume of the products.

Optical and acoustic signalling devices support the processes. Reports and alarm messages can be relayed directly to the commodity management system.

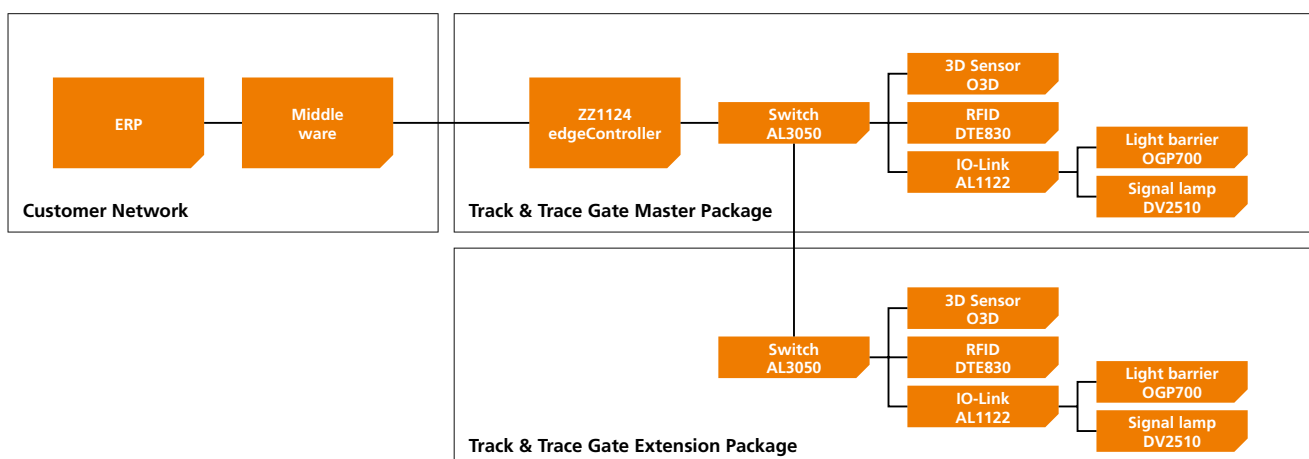
Easy extension

The basic package with the central edgeController can be supplemented at any time by extension packages for up to 10 gates.



Description	Extensibility	Triggering	Direction detection	Order no.
Master package with edgeController	For 1 gate, extensible with max. 9 extension packages to control 10 gates per master package	O3D sensor	•	ZZ0814
Extension package for ZZ0814 or ZZ0816	1 extension package required per additional gate	O3D sensor	•	ZZ0815
Master package with edgeController	For 1 gate, extensible with max. 9 extension packages to control 10 gates per master package	Laser retro-reflective sensor	•	ZZ0816
Extension package for ZZ0814 or ZZ0816	1 extension package required per additional gate	Laser retro-reflective sensor	•	ZZ0817
UHF gate edgeController	Spare part for ZZ0814 and ZZ0816	edgeController with pre-installed RFID software	–	ZZ1124

System overview



Transparent flows of goods

By using smart RFID incoming and outgoing goods inspection, flows of goods can be displayed transparently and transferred to a smart system. This allows optimising loading times, avoiding errors and saving costs.

Advantages of smart incoming and outgoing goods inspection

- Clear assignment of products to incoming and outgoing goods.
- Avoidance of wrong deliveries through transparency of the goods flow.
- Cost and error savings.



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Further advantages

Intelligently networked sensors

The system allows the detection of direction, optionally via 3D sensors or light barriers. Besides, 3D volume measurement is possible as an option.

Individual real-time support of edge device and ERP

Simple interface through file transfers between edgeController and ERP for networked logistics processes. The edgeController including interface to the customer's ERP system is included in the scope of delivery.

Rapid implementability and extension

The system components and their functions are put into operation plug & play. Additional gates can be added to the existing edgeController without much effort via a switch.

Suitable for robust applications

The ifm gate solution consists entirely of components suitable for industrial use with protection rating IP 65 / IP 67.