

Streamlining the value grid.

End-to-end visibility into the value grids.
AutoID-/Right Time Enterprise Services.

T-Systems

Transparent flows of goods. New business activities, new markets, and new partners are crucial to the long-term success of your business. But they mean more interfaces, more data, and more time and money spent on coordination. The result is complex, ever-changing value grids, requiring the ongoing adaptation of your business processes. To respond quickly and remain flexible, decision-makers need total transparency, with information available to the right people at the right time – across the enterprise and beyond.

Automatic data capture and identification of goods. T-Systems' AutoID-/Right Time Enterprise Services (RES) platform gives you the visibility you need – automatically capturing data and identifying goods, as well as providing precise up-to-date information on their position. This is made possible by state-of-the-art technology, such as GPS/GSM, barcodes and RFID (Radio Frequency Identification). Non-contact readers scan electronic tags attached to products and packaging – and transfer key information via radio.

Seamless flow of information – thanks to RFID. With AutoID-/RES, you can monitor goods while they're on the move, keeping track of all scheduled and non-scheduled events. Readers are installed at key points along the supply chain, such as loading and unloading bays, factories, warehouses, trucks, and retail outlets, ensuring a seamless flow of information – from

the raw material, through manufacturing and logistics, to the shop shelf. As a result, you always know what items are where – across the entire value grid.

What's more, you're even kept abreast of the condition of goods. Because special sensors can be deployed, for example, to monitor temperature in refrigerated trucks, evaluate brake pads, or check tire pressure. And they also alert you to any sudden or strong vibrations, or the unscheduled opening of the vehicle's doors.

International data platform. Captured data is communicated automatically to the central AutoID-/RES platform via cable, wireless/mobile-telephony networks, or satellite. The raw data is then aggregated, processed and enriched by means of intelligent rules, and transferred to your ERP or data warehousing system – ensuring you receive the right information, at the right time. This information helps you to streamline supply networks, by increasing stock turnover, protecting goods from theft, reducing mistakes in number, type, or destination of deliveries, optimizing inventories, and avoiding delivery bottlenecks and out-of-stock situations.

Compact.

- Effective identification of goods via RFID technology and barcodes
- Automatic tracking and tracing of goods movements, maintenance work, and usage
- Accurate positioning of shipments via GPS/GSM
- Provision of the right information, at the right time, in the right format
- Complete cost transparency thanks to innovative pricing models, such as flat rates and pay per use
- Lower capital investment through leasing and rental agreements
- Fewer delivery bottlenecks and out-of-stock situations
- Increased stock turnover, better use of transportation resources
- Reduced shrinkage

For further information:

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