

Trade, Transport, and Logistics.

Control companies in real-time.

Valuable workflow information in real-time

According to research by Frost & Sullivan, in six years worldwide sales on the RFID (Radio Frequency Identification) market are expected to exceed 4.17 billion dollars – ten times the amount realized in 2005. Currently, one of the driving industries in connection with the deployment of RFID is trade. In trade, all partners along a given delivery chain are supposed to be integrated into the information chain, thereby improving transaction processes along value-added chains and logistics chains.

T-Systems is banking on solutions based on RFID and real-time information. To this end, the ICT service provider is developing the central platform "Real-time Enterprise Services (RES)." The auto ID platform will serve as a connecting link between individual solution modules and company applications such as Supply Chain Management (SCM), Enterprise Resource Planning (ERP), or Customer Relationship Management (CRM). The platform combines data from production, transportation, purchasing, and marketing departments recorded by RFID readers, compacts the data through intelligent filters and control systems, and passes the refined data on to linked company applications in real-time.

Intelligence for the delivery chain

T-Systems has designed "Improve," an intelligent solution for producers, which can be used to provide accurate information about locations and inventories of shipping carriers. Users can determine exactly how many shipping carriers they require by reviewing the current production order. A monitoring system displays the quantity

in stock; an alarm function sends an early warning signal should bottlenecks arise. This helps the employees in charge to recognize a potential delivery delay caused by missing shipping carriers and to devise timely counter-measures.

Currently, T-Systems is testing an RFID solution to be used by airport operators for determining movements of baggage vans on the tarmac of airports. These days service providers that load and unload airplanes must provide electronic data for billing purposes. To assist in this process T-System is equipping baggage vans with RFID transponders. They record the vans' movements and enter this information directly into stored accounting systems.

For the retail trade, T-Systems is developing another RES module that a retailer can use to reduce the loss of goods along the entire delivery chain and to have greater control over storage inventories. For instance, textiles or transport containers are equipped with RFID tags. The data are entered into an information system in the showroom. Thus, sales personnel can always tell customers whether a particular requested article of clothing is still in stock.

Payment after consumption

For customers, the RES solutions offer several advantages: by using live information tailor-made for their particular companies, they can control their business processes in real-time. Since T-Systems develops the entire infrastructure and secures operations, customers reduce their investment risk. They must pay only for those transaction-based services that they actually need.

Compact

- Control processes using real-time information
- Track goods seamlessly along the entire delivery chain
- Plan production capacities and warehouse stock efficiently
- Solutions for logistics, aviation, trade, and public health administration
- Optimize in and outflow of goods
- Efficient protection against counterfeiting and the loss of goods
- Low investment on the part of the user, transaction-based invoicing

For further information:

Please contact your sales representative from T-Systems or Deutsche Telekom.

You can also find us on the Internet at: www.t-systems.com.

Or send us an e-mail: info@t-systems.com.