



OPTIMIZE WAREHOUSE LOGISTICS PROCESSES WITH SAP® SOLUTIONS FOR RFID

Companies from all industries are increasing their use of radio-frequency identification (RFID) technology to streamline complex operations – without having to abandon data security and reliability. SAP® solutions for RFID enable you to integrate RFID into your existing warehouse management software simply and effectively. You gain real-time transparency of all inventory and material flows, streamlined warehouse processes, and automated process control, including booking of stock movements without manual scanning procedures.

Radio-frequency identification (RFID) has the power to transform your business processes. Whether you take advantage of “smart shelves” for retailing; increased visibility into equipment maintenance processes, product tracking, and authentication; or electronic pedigree functionality, RFID has an impact across virtually all processes and industries.

SAP AG currently works with over 225 customers in 16 countries and 18 different industries integrating real-world-aware technologies into our software solutions. This enables us to develop software that provides accurate, real-time information on products as they move through the value chain. SAP has developed a robust platform to expedite RFID implementation in the most popular areas. The flexibility of the SAP NetWeaver® platform allows for configuration and support of many business scenarios depending on the customer’s needs – enabling companies to leverage their investment across many business processes and minimize total cost.

Make the Vision of Adaptive Enterprise a Reality

Since March 2005 SAP has collaborated with various companies to develop innovative solutions that support the adoption of RFID technology. SAP® solutions for RFID integrate RFID data quickly and easily with your existing enterprise resource planning and warehouse management solutions – without disrupting your day-to-day operations.

Integrate RFID into Existing Installations of SAP Supply Chain Management

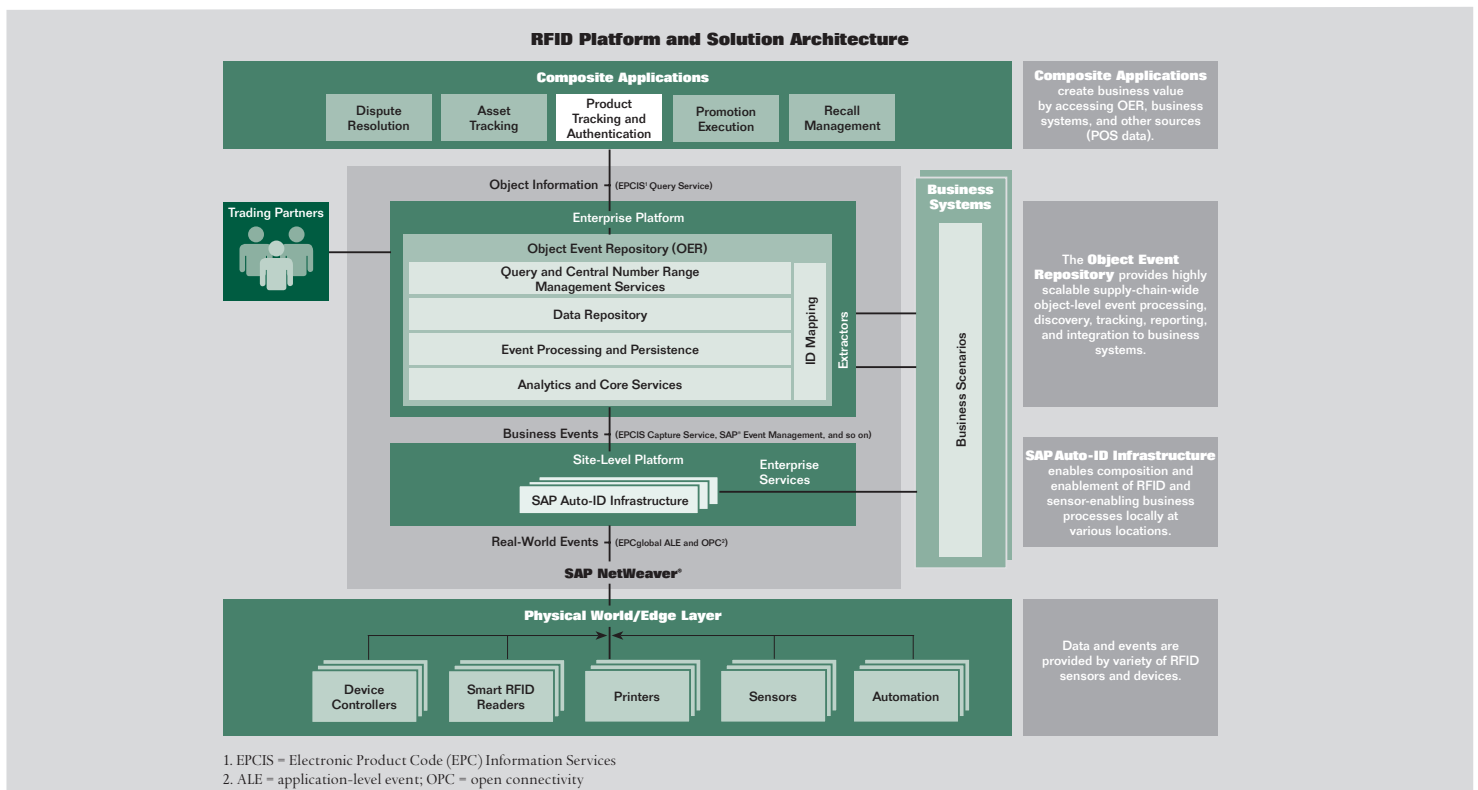
The potential benefits of RFID have been touted for years. Manual scanning of bar codes, for example, is very time and labor intensive and often not an economical process. Employing RFID in such a situation can streamline numerous processes. SAP solutions for RFID offer you numerous advantages, enabling you to profit quickly from the integration of RFID into your warehouse processes.

Besides supporting processes for receiving and issuing goods, SAP solutions for RFID can now support all warehouse-internal processes. For example, the SAP Auto-ID Infrastructure offering automates the creation, processing, and documentation of transfer orders. These orders represent the core element for mapping stock movements in the logistics execution system (LES) software found in the SAP Supply Chain Management (SAP SCM) application.

SAP solutions for RFID automate and streamline the following transfer order processes:

- **Software-guided** processing – LES software instructs warehouse workers on which objects to pick up at which location and where they should unload them.
- **User-guided** processing – Warehouse workers enter information about which objects they have picked up at which location and where they delivered the objects.

Both of these transfer order processes typically involve a large number of manual bar-code scanning steps. With SAP solutions for RFID, the information is forwarded automatically from production to warehouse management software via SAP Auto-ID Infrastructure.



SAP Auto-ID Infrastructure

SAP Auto-ID Infrastructure forms the technological core of SAP solutions for RFID. Part of SAP NetWeaver, this offering supports the efficient and secure development of future-ready processes using RFID technology, guaranteeing maximum process scalability. With this offering, you can map and integrate auto-ID-supported processes into your existing IT landscape.

LES Software in SAP SCM

LES software in SAP SCM streamlines and automates your transportation management and warehouse management activities. You can now perform the following tasks easily and quickly:

- Inbound processing and receipt confirmation – Receive and process externally procured goods into your warehouse with a single radio-frequency scan
- Outbound processing – Use RFID technology to manage all the steps of issuing goods, including distribution and proof-of-delivery activities
- Cross-docking – Direct inbound goods from receipt to issue without interim storage, allowing you to minimize duplicate goods movements, optimize the flow of goods, and shorten routes within the warehouse
- Warehousing and storage management – Optimize internal movements and storage of goods within a warehouse
- Physical inventory – Plan and execute physical inventory or cycle counts

Benefits of RFID for Warehouse Management

You gain the following benefits when you integrate RFID with your warehouse management software:

- Increased real-time transparency of all inventory and material flows
- Improved data quality
- Automated process control, including booking of stock movements without manual scanning procedures
- Streamlined warehouse processes
- Mitigated risk of incorrect posting and scanning procedures

Find Out More

To find out more about SAP solutions for RFID and the possibility of optimizing your internal warehouse processes, visit us on the Web at www.sap.com/rfid.

Powered by SAP NetWeaver

SAP solutions for RFID are powered by the SAP NetWeaver platform. SAP NetWeaver unifies technology components into a single platform, allowing organizations to reduce IT complexity and obtain more business value from their IT investments. It provides the best way to integrate all systems running SAP or non-SAP software.

SAP NetWeaver also helps organizations align IT with their business. With SAP NetWeaver, organizations can compose and enhance business applications rapidly using enterprise services. As the foundation for enterprise service-oriented architecture (enterprise SOA), SAP NetWeaver allows organizations to evolve their current IT landscapes into a strategic environment that drives business change.

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