# E2K RFID - Automatic Traceability

## Control, track and automate every stage of your supply chain with RFID technology integrated into your business systems.

E2K RFID is the software solution developed by Storm Open Solutions for **automatic traceability using RFID technology**. Designed for **warehousing**, **manufacturing**, **logistics** and **asset management**, it enables multiple and real-time reading of items, batches and materials, improving operational control, speed and accuracy. Fully integrable with ERP systems, databases and existing business software, E2K RFID supports Windows and Android devices, handheld terminals and fixed or mobile RFID readers.

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PLURISERVICE CODE VSSWPL160

Retail | Trasporti e logistica | Produzione | Sanità | Fashion

## DESCRIPTION

E2K RFID is an **intelligent and modular platform designed to manage automatic traceability** processes through **RFID technology** across logistics and production environments.

Thanks to **simultaneous and long-range RFID tag reading**, the system automatically identifies goods, products, assets and materials without requiring manual scanning or direct line-of-sight. This allows companies to speed up inventory operations, monitor workflows in real time and significantly reduce operational errors throughout the supply chain.

The solution is designed to seamlessly adapt to existing business processes and integrate with ERP systems, databases and corporate APIs, ensuring maximum flexibility and operational continuity. E2K RFID also supports 2D barcode technology and can be used through Windows desktop workstations as well as Android mobile terminals and handheld RFID readers for field and mobile operations.

E2K RFID is suitable for a wide range of applications, including:

- inbound and outbound goods traceability;
- automated loading and unloading operations;
- RFID inventory and asset management;
- production tracking and work-in-progress monitoring;
- mobile logistics for events and trade shows;
- consignment stock and temporary asset management;
- automatic identification of batches and materials.

## TECHNICAL SPECIFICATIONS

- UHF RFID technology for automatic traceability
- Multiple and simultaneous RFID tag reading
- Item identification without line-of-sight
- Integrated 2D barcode support
- RFID smart labels with unique EPC encoding
- Windows and Android compatible applications
- Support for handheld RFID terminals
- RFID asset inventory management
- Production traceability and workflow monitoring
- Inbound and outbound goods control
- Mobile loading and unloading management
- ERP, database and API integration
- Modular and scalable architecture
- User-friendly dashboards and interfaces
- Real-time logistics flow monitoring

The platform also enables real-time production monitoring, anomaly detection and movement control through intuitive interfaces designed for operators and logistics managers.

Thanks to its modular and scalable architecture, E2K RFID is the ideal solution for companies looking to implement advanced automatic identification processes, improve operational visibility and increase overall supply chain efficiency.