



NIINIVIRTA TRANSPORT SPA

Streamlining Logistics for International Shipping with RFID

NIINIVIRTA Transport SpA handles more than 1,800 tons of goods a month. Daily shipments run by land, sea and air between the company’s facilities in Tribano and Scandinavia—Sweden, Denmark, Finland and Norway—as well as to and from hubs in the United States, France, China, Australia and the Middle East.

The Challenge

With all the activity going on, logistical failsafes are needed to ensure the right products arrive in the right location at the right time. Customer service is a priority for NIINIVIRTA Transport SpA. Customers want to know exactly where their package or shipment is at any given moment throughout the transport process.

The Solution

Psion Teklogix helped design and install Italy’s first Radio Frequency Identification (RFID) system for NIINIVIRTA Transport SpA. RFID tags carry a unique, serialized identification code readable via radio waves. When goods arrive at the Tribano warehouse, each item’s details are linked with its assigned RFID tag—unit load, line code, serial number, customer number and so on—and entered in the central server.

Operators use their WORKABOUT PRO handheld computer to scan the RFID tag on any item to perform stockpicking duties and ensure loading is seamless and accurate.

Upon arrival at a NIINIVIRTA Transport SpA hub in the destination country, RFID tags are scanned again to confirm delivery and route each item to its correct final destination.

The Benefits

RFID technology allows companies like NIINIVIRTA Transport SpA to automate tracking and tracing operations, improving accuracy and productivity while also reducing risk. The centralized information store also streamlines billing and other paperwork connected with international shipping.

The WORKABOUT PRO handheld is able to transmit the information scanned from the RFID tags to the central server in real time, allowing the each item in each shipment to be identified and located at any point in the process.

That means that customers can also log-in to a special web portal and check the status of their shipment or package, giving them peace of mind and reducing the chance of disappointment or surprises—all with the click of a mouse.





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