Nedap
iD Cloud
Supply Chain

Scan it fast, ship it right.

Why

An excellent omnichannel shopping experience is driven by ensuring that products are responsibly sourced, sustainably managed, and always available. In a world where different sales channels (such as stores, e-com, and online platforms) are connected, it becomes crucial to know where products are.

The Problem

The ultimate goal for any supply chain is to deliver the right products to the right customer at the right place and time, in the right condition, for the lowest total cost.

Yet, at the same time, consumer demand in our omnichannel world is constantly increasing. Still, shipments are often incorrect or even get lost on their way. Specifically, on the item level, it lacks visibility about the product's status and location. Many brands and retailers are already trying to counteract the situation with manual checks. However, these tasks are often very inefficient because labor is scarce and expensive.

Our technology helps to ensure fast and reliable product registration, validation, and verification processes. Thus, shipments are correct so that customers get what they want.

Facts & Figures

RFID technology can be applied along the retail supply chain to overcome current problems and achieve the following benefits:
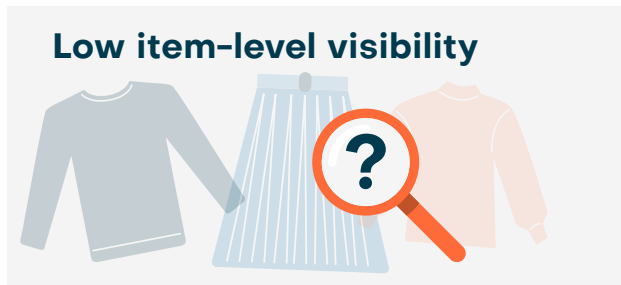
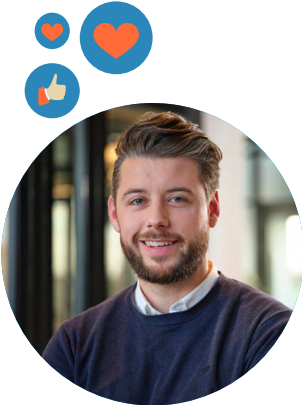| Situation	Example	Solution Benefit
High labor costs	**9,08%** **Percental logistics cost per product** in fashion retail (% of sales)[1]	**Increasing the speed** in product handling processes to improve total productivity and save costs
Low shipment accuracy	**97%** **Typical outbound shipment accuracy** on item-level[2]	Identify and **prevent errors** to increase shipment accuracy and reduce stock-related risks, claims or chargebacks
Low item-level visibility	**20+ bn** global retail apparel products are already RFID-tagged today[3]	**Easily tracking & tracing** the RFID-tagged products will help to increase stock visibility across supply chain partners

[3] ID TechEx - https://www.emsnow.com/the-market-momentum-in-rfid-discussed-by-idtechex/

[1] GCS Consulting (https://www.gcs-consulting.de/en/logistics.html)
[2] Nedap Retail, own research

Success Stories

"Looking at the way we want to work and the responsiveness we want to offer to our customers, a supply chain without RFID is simply not an option"

Jonatan van der Geest, Supply Chain Specialist, Scotch & Soda

"We are now making logistics more efficient."

Edwin Admiraal, Manager Export and Logistics, No Excess

NO EXCESS

promod

SCALPERS

SCOTCH & SODA
AMSTERDAM

TENDAM
GLOBAL FASHION RETAIL

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How

iD Cloud Supply Chain seamlessly connects, controls, and operates smart RFID read points. Scanning products fast and accurately helps businesses to increase efficiency in their operations. In addition, it ensures ship-ments are accurate and timely while having a better understanding of each product's lifecycle.
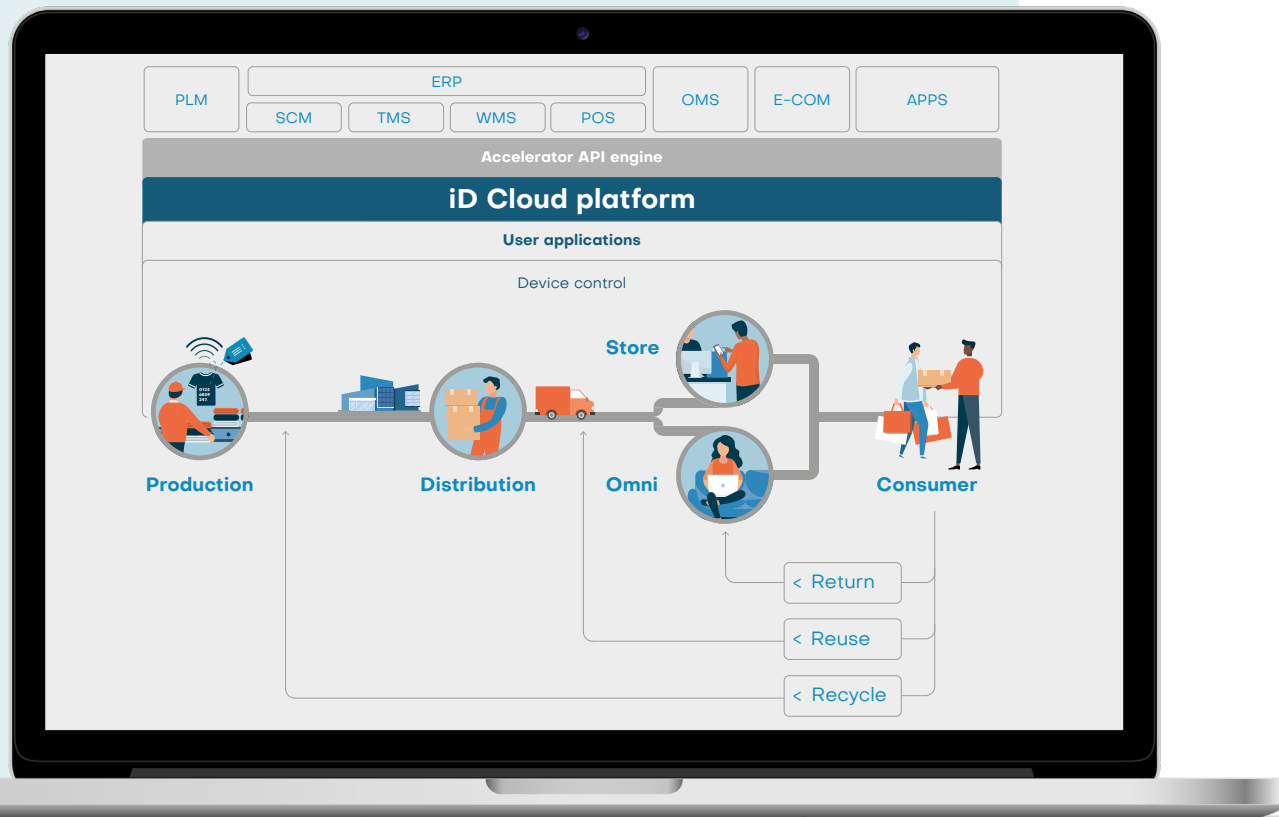
Using RFID boosts handling process efficiency by leveraging bulk-read capabilities to capture products easily and seamlessly. As a result, RFID speeds up the product registration process and saves labor costs. With the help of RFID tracking technology, we make products visible so that you will know exactly where products come from, how they got here, and where they are now.

Shipping inaccuracies and delays are becoming critical for retailers. In our omnichannel world, customers do not accept if products are unavailable or inaccurately delivered. The (automated) checking of all deliveries and shipments enables distribution centers to operate with accurate stocks.

Ultimately, based on accurate item-level tracking data, we generate meaningful information about the products' status and exact location. Based on these real-time insights, retailers can make better decisions about when and how to allocate stock, replenish products and fulfill orders.

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What

With iD Cloud Supply Chain, you gain real-time visibility of your supply chain and track the lifecycle of items from origin to destination.
These insights allow you to better manage your stock and inventory levels, reduce waste, and ensure that products are delivered correctly.

iD Cloud platform

ID Cloud Supply Chain is a solution module of the iD Cloud Platform: an open SaaS platform built on modern technologies with a multi-tenant design. The cloud-hosted platform ensures high availability, best-of-breed security, and cutting-edge performance. In addition, it is compliant with GS1 standards such as EPCIS 2.0, GS1 Tag Data Standards, GS1 Digital Link, SSCC, GTIN, and SGTIN to ensure that it can integrate seamlessly.

Device Control

Connects and controls smart read-points seamlessly and over the cloud. iD Cloud is hardware agnostic and integrates with various RFID devices, such as tunnels, desktop stations, handhelds and printers.

User Applications

The iD Cloud Supply Chain application stack covers the RFID use cases in warehouses and distribution centers with intuitive and easy to use applications. It includes user interfaces, business logic, and workflow management. And, because no process is the same, all workflows and user interfaces are fully customizable to how you work best using our low-code environment.

Accelerator API Engine

Our platform runs on reliable open APIs seamlessly integrating with your existing IT systems. We automatically process, validate, and exchange data through various customizable interfaces. For example, the iD Cloud DC Connector provides data about the product's location and movements from the supply chain. It synchronizes RFID events generated at the read-points with the backend to generate advanced, item-level, real-time reports from there.

SOLD

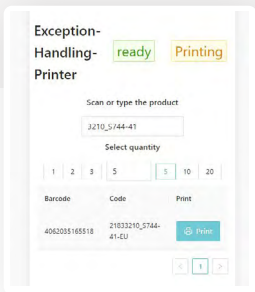**Blue Jeans**
Size: 7
Item code: 592–145–348

![nedap]

Features

iD Cloud Supply Chain enables brands and retailers to streamline processes in distribution centers, at source, and warehouses with RFID technology.
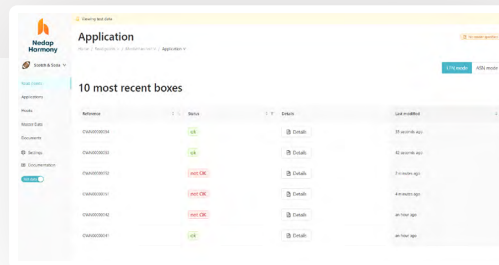
Label printing

Print and encode RFID labels! Easily apply tags during value-added services or exception handling.

Shipment verification

Make sure that shipments are correct! RFID-enabled verification stations compare the expected content of shipping units (e.g., a packing list) with its actual content.

Omnichannel status management

Seamlessly assign statuses to Click & Collect products! For example, exclude items bought online for store pick-up from the "sellable stock" and prevent them from being registered during an RFID count in the stores or at the RFID-based loss prevention system.