

WMS • RETAIL • EUROPE

A custom warehouse management system for a growing clothing retailer

CLIENT

Under NDA — clothing retailer (Europe)

TALVEX ROLE

Greenfield build from scratch, full cycle

INDUSTRY

Retail — warehouse management, inventory & stock

TIMELINE

2023 — MVP in 3 months, full build in 6; client-maintained

Project under NDA. Client name, screenshots, and internal details are withheld; the description is generalized and specific metrics are omitted.

THE CHALLENGE

A European clothing retailer was tracking goods and stock levels across its warehouses in Google Sheets. As the business grew, spreadsheets became unwieldy and error-prone — leaving no reliable, real-time view of what was actually on the shelves.

Off-the-shelf and enterprise "bus"-style platforms were the obvious alternative, but they were expensive and didn't fit the way this business actually worked.

Spreadsheets no longer scaled

Enterprise platforms too costly

No real-time stock view

THE SOLUTION

Talvex designed and built a custom WMS from scratch — tracking inventory and stock levels across multiple warehouses, tailored to the retailer's real workflows rather than forcing them into a generic platform.

The bet was on ease of daily operation: the system is comfortable to use from a phone, tablet, or laptop, so staff can manage stock right on the warehouse floor, not just from a desk. The architecture was kept clean and maintainable so the client's own team could take it over and keep evolving it.

TECHNOLOGY STACK

FRONTEND

React • TypeScript

BACKEND

Node.js

DATABASE

PostgreSQL

CLOUD / INFRA

AWS

Multi-warehouse inventory

Responsive — phone, tablet, laptop

Real-time stock levels

THE OUTCOME

- Google Sheets replaced by a purpose-built WMS with a reliable, real-time view of inventory and stock across warehouses.
- A fit-for-purpose solution at a fraction of the cost of an enterprise platform, built around the retailer's own processes.
- Manageable from phone, tablet, and laptop — stock is handled on the floor, not only at a desk.
- Delivered as an MVP in 3 months and full functionality in 3 more; in production since 2023, maintained in-house by the client with Talvex on call for consulting.