



The Config Team™
SAP Logistics Specialists



Case Study

Customer: Dunelm
Sector: Retail
Solution: SAP EWM Implementation

About Dunelm

Dunelm is a leading UK home furnishings retailer, with more than 150 stores across the UK selling a wide range of products from large furniture units to small scale household items.

Benefits

-  Real-time traceability of vehicle and stock movements
-  Improved productivity and accuracy
-  Reduced downtime
-  Automation of manual processes
-  Improved customer experience
-  Significant operational cost savings

The Challenge

Dunelm had outgrown its large warehouse facility and had become reliant on outside storage to house its products. As a result, the retailer embarked on a project to construct a new 525,000 sq ft warehouse to cater for its diverse product range. Dunelm's existing SAP Warehouse Management (WM) system had already undergone a series of enhancements and was struggling to cope with its complex processes and so the retailer was looking to implement SAP Extended Warehouse Management (EWM).

The EWM implementation needed to be delivered alongside the physical build of the warehouse, meaning systems needed to be designed and implemented without the ability to see processes in action. Careful management was also needed to migrate stock from SAP WM to EWM.

The Solution

The Config Team implemented a wide range of EWM functionality, to manage both inbound and outbound processes at the new facility, including Goods Receipt, Yard Management, Putaway, Resource Management, 3PL Integration, Picking and Loading.

Delivery vehicle movements are all tracked and planned automatically through EWM, with vehicles directed to and from parking spaces and deliveries assigned to vehicles with specified times of when they need to leave the site. EWM automatically releases pick waves, which are planned by the most efficient route, at the required time to ensure deadlines are met, with loaded pallets scanned to ensure the correct stock is on the right vehicle and loaded in the correct drop sequence.

Automated Guided Vehicles (AGVs) are utilised to improve efficiency and the EWM system has been designed to allocate tasks to the AGVs based on warehouse location to ensure the closest vehicle to the job is automatically assigned the task, significantly reducing operational costs.

A major factor in improved productivity has been the automation of internal warehouse resource. Tasks are now assigned to users based on location, so that tasks on the same aisle are completed consecutively by the same user. If all tasks are completed, users will automatically be assigned nearby tasks from an alternative queue to ensure there is no downtime.



01695 557 846
www.theconfigteam.co.uk
contactus@theconfigteam.co.uk