



The Config Team™  
SAP Logistics Specialists

## Case Study

**Customer:** Princes  
**Sector:** Food and Beverage  
**Solution:** SAP EWM Integrated Conveyor System

### About Princes

Princes Group is a leading international food and drink group, responsible for the manufacture, import and distribution of branded and customer own-brand products. With a global presence, Princes has sites in the UK, Netherlands, Poland, France and Mauritius.

### Benefits



Improved efficiency through automation of pallet movement



Significant reduction in the use of trucks



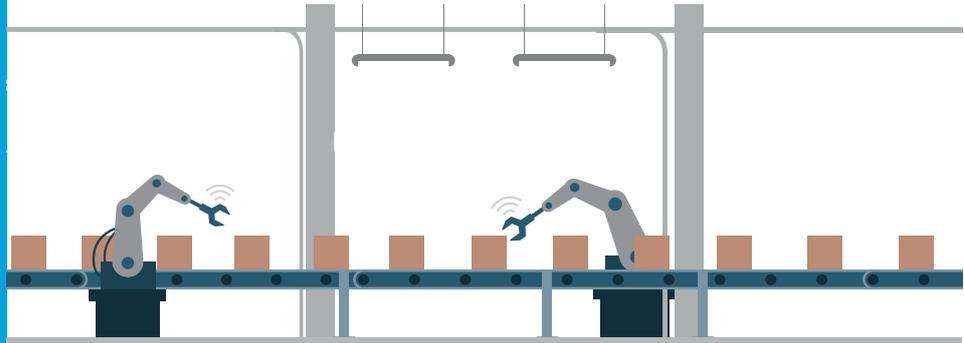
Faster transit of product to its correct destination



Reduced delays and errors through incorrect pallet locations



Eliminated the need for manual re-orientation of pallets



### The Challenge

Princes built a new 361,660 sq ft warehouse at its soft drinks processing plant in Bradford UK, which produces 400 million bottles of fruit squash and carbonated soft drinks every year. Princes runs SAP as its core ERP platform and implemented SAP Extended Warehouse Management (EWM) at the new warehouse facility.

The site required two new 530m automated conveyors to deliver stock from production, over a road and into the new warehouse, with the conveyor system installed 12 months after the EWM implementation. Princes needed to integrate the new conveyor system with EWM, while the factory and warehouse remained operational.

### The Solution

The only solution of its kind in the UK, The Config Team delivered complete integration of the automated conveyor system controlled by SAP EWM. EWM now controls the route of every pallet on the conveyor, taking each one from the production receipt area to the warehouse location closest to the correct destination bin. The system caters for real-time changes within the warehouse to ensure the most efficient destination is always selected.

Bespoke functionality was built and configured to allow the correct pallet orientation data to be provided, based on each pallet destination. Once this information is known, SAP can request the conveyor turntable to rotate the pallet if required to ensure quick and simple pallet placement.



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