

Case Study

Warehouse Automation using SAP EWM/MFS for World Leader in Insulation Services

Client

The client is a Denmark-based world leader in stone wool solutions covering building insulation, industrial and technical insulation for the process industry, marine and offshore, customized solutions for industrial applications, wall and facade systems, acoustic ceilings, horticultural substrate solutions, engineered fibers solutions, noise and vibration control.

Challenges



Harmonize warehouse processes

across the client group; use the best practice and change management based on standard SAP/EWM solution.



Increase customer satisfaction

based on full product movement transparency.



Increase efficiency of work and safety in operation.



Reduce workload cost and

dependency on manual decisions; increase automatization of warehouse processes.

LTIMindtree Solution

To harmonize the warehouse processes, LTIMindtree conducted the global Business Blueprint (BBP) workshop for 36 warehouses spread across 30 countries. Also, three global templates were created depending on the complexity and processes used in warehouses. LTIMindtree also conducted the show-and-tell session to give proper visibility to customers on the final solution and process.

To achieve the complete transparency of each pallet LTIMindtree implemented the handling unit management with SSCC number, RFID functionality was also implemented for improving the operational efficiency and accuracy. GPS solution was implemented for bin confirmation and to avoid the wrong material picking. A customized Fiori application was developed for forklift driver to perform all the warehouse operations, and for a better user experience.

Warehouse automation by integrating the warehouse control system with production conveyor by using the SAP MFS (Material flow system), implemented the advanced production integration for repetitive manufacturing scenarios.

With the help of stock upload tools and migration templates, LTIMindtree was able to achieve a successful master data cutover and smooth Go-Live.

Business Benefits



Improved space utilization by **20%.**



Improved resource utilization by **25%.**



Reduction in customer return by **70%.**



Complete traceability of materials.



Improved **customer satisfaction.**

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