stellium
Your *inCredible* Digital Value Chain Partner

WAREHOUSE PROCESS AUTOMATION BY ENABLING SORT BY LIGHT SYSTEM WITH EWM FOR

BAJAJ

OVERVIEW

Bajaj Auto Limited is a leading Indian Automobile Manufacturer with markets in India and abroad with dominance in 2 & 3-wheeler vehicles. The client has built a new warehouse in Waluj, Aurangabad for distributing Spare parts across India and Abroad.

BUSINESS OBJECTIVE

To integrate Sort by Light Systems with EWM using non-SAP WCS System thus improving the productivity, throughput and order fill rate

Provide Design Leadership, Governance, Program Management and Single Point Ownership

VALUE DELIVERED

Order lead time reduced to less than 1 day

Use of standard EWM functionalities and IDocs to minimize the Total Cost of Ownership

Institutionalization of processes to facilitate faster adoption across the organization for continuous improvement and sustenance

BUSINESS COMPLEXITIES

- Defining the picking strategies to effectively handle about 15,000 SKUs
- Quantity based wave management and picking strategy to pick from different areas of the warehouse for higher throughput
- Skewed month end demands, ability to handle more than 15,000 order lines per day
- Use of PO for seamless communication between EWM and WCS for better error handling
- Parameterization to enable future reusability, scalability and expansions

PROJECT HIGHLIGHTS

Enabled Batch Picking in Cluster mode for slow moving parts and integrated with Sort by Light system for higher productivity

Drastic reduction in Order Processing lead time

RF enabled end-to-end process with screens optimized for lean operations and minimal data entry and scans

Templatized fast track process design and implementation

Usage of SAP PO as middleware between EWM and WCS