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# Re-Engineering Warehouse Processes using automation and EWM for an Automotive Major's Spare Parts Warehouse

## BUSINESS OBJECTIVE

To Re-engineer Warehouse Processes with deployment of suitable automation systems like - Pick to Light, Sort by Light, Sorting Conveyor Systems using EWM and a non-SAP WCS System thus improving the productivity, throughput and order fill rate

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

## BUSINESS COMPLEXITIES

- Defining the picking strategies to effectively handle about 20,000 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 SAP – PI for seamless communication between EWM and WCS for better error handling
- Parameterization to enable future reusability, scalability and expansions

**BAJAJ**

HEADQUARTERS
 **Pune, India**


INDUSTRY
**Automobile**


SAP PRODUCTS
**SAP EWM**
**Non-SAP WCS**


WEB SITE
**http://www.bajajauto.com/**

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*"Fast track implementation with focus on providing effective solution at low Total Cost of Ownership"*

## 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 PI as middleware between EWM and WCS

## VALUE DELIVERED TO CLIENT

- 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

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Stellium is re-imagining Supply Chain and Manufacturing by intelligently connecting People, Goods, Systems and Machines to make our clients future ready

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