



The company has constructed a brand-new Rs 250 crore parts warehouse, which has been set up in Kanhe Pune. Spares Business Unit (SBU) is spread across 50 lakh square feet (464,515 square metres) and reaching up to 15 metres in height, the new facility is aimed at ensuring speedy delivery of parts across the country for the company. The state-of-the-art warehouse has loading and unloading docks, prepacking section, a 960-metre-long spiral conveyor, conveyors for packing and lifts for speed material movement. Other highlights include an overhead pallet conveyor, pallet lift, packing stations and around 121,000-part locations.

Project Objective:

The project was challenging in its own unique ways. The continuously evolving business needs due to substantial growth in the business turnover along with high customer expectations, Huge automation of handling material within the warehouse, huge physical geographic condition of warehouse and a large no of head count working inside the warehouse has brought in its own complication , huge focus on high level of co – ordination between activity inside as well outside the warehouse made it difficult to design the solution and accommodating for future needs. Moreover, integration of multiple systems – ILS (Supplier management) SAP ECC, MLL (Logistics service provider, Fiori, was involved which demanded a mistake proof architecture and system driven activity was to be designed for high level of coordination. The high percentage of process exceptions led to complexity in the Exception handling framework.



HEADQUARTERS
Mumbai, India

INDUSTRY
Postal & Logistics

PRODUCTS
SAP ECC
SAP EWM
Fiori
ILS

WEB SITE
www.mahindra.com

Value delivered to client (Solution):

The implementation will lead in improved control on warehouse process and in management of material movement within warehouse, a high level of coordination between man, material and machine is achieved there by reducing / controlling operation overhead cost. By managing and tracking logistics execution process.

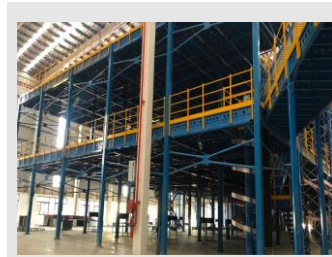
Solution has offered flexible and automated support for managing the stocks available in warehouse and processing material movement

Solution has provided M&M ability to mitigate problem and issues with enhanced warehouse efficiency by transforming operation into an adaptive fulfilment supply chain. Physical Inventory functionality will help M&M in keeping Inventory level accurate. accurate inventory control management is the basis for the successful warehouse functioning.

EWM warehouse monitor will give M&M an accurate inside of the warehouse operation and provide stock and process transparency

Solution under implementation will help M&M (Client) in getting an edge over the competitor by giving both qualitative and quantitative benefits such as fewer product handling steps, increased productivity, reduced errors, tighter inventory control, and improved inventory accuracy with order quality.

Solution has supported automation of material handling otherwise handled manually thereby reducing the human resource requirements.



One lakh twenty one thousand bin locations



Five lakh square feet of warehousing space



VNA Material storage