

De Pro partners with One of the Leading Global IT Firm for WMS Feasibility Study, Process Improvement, Space Optimization, Manpower Reduction and Efficiency Improvement for 2.5 Lac Sq. Ft. Warehouse Facility of India's One of the Largest White Goods Manufacturer Located at Bilaspur, Gurgaon

## Scope of Work:

- Customer has an existing warehouse facility of 2.5 lac sq. ft. located at Bilaspur, Gurgaon, Haryana.
- Customer is looking for WMS Feasibility Study, Process Improvement, Space Optimization, Manpower Reduction and Efficiency Improvement.
- Customer is expecting to conduct a study with possible benefits of WMS considering their business scenario.

## Business Challenges:

- Space Utilization in between NDC & Northern Hub under one roof.
- Bin Location and FIFO Management.
- Inbound and Outbound TAT Efficiency.
- Current inventory accuracy and issues.
- To manage flexibility in skew and business volumes.
- Material Traceability & Handling.
- Location Mapping for multiple SKU's considering skew in number of pallet storage.
- High No. of SKU's and Throughput.
- Manage space considering Lean and Peak Seasonality.

## De Pro Solutions:

- Data Gathering & Understanding – Customer Segment, SKU Types, Transactions, Inventory, Storage Norms, Skew Pattern etc.
- Detailed analysis of past log trends, transactions, inventory volumes, sales data, forecasted data etc of each customer.
- Studied skew pattern of daily, weekly and monthly transactions and storage.
- Designed multiple AutoCAD layout options, scenario working to arrive on right outcome.
- Extensive analysis done on Current & Proposed Time & Motion Study.
- Defined put-away & picking pattern to reduce footprint & faster turnaround.
- **Proposed Outcomes –**
  - **Total Yearly Monetary / Cost Savings of INR. 10 Million**
  - **Storage Efficiency Increased by 15%**
  - **Inbound Efficiency Increased by 60%**
  - **Outbound Efficiency Increased by 67%**
  - **100% Bin Location & FIFO Management**
  - **99.75% Inventory Accuracy**

## Quick Facts

- ✓ Warehouse Type – National Distribution Centre (NDC) and Northern Hub of White Good (Home Appliance)
- ✓ Warehouse Area – 2,50,000 Sq. Ft.
- ✓ SKU's – 3,000 +
- ✓ No. of Manpower Existing – 89
- ✓ No. of Manpower After Reduction - 79
- ✓ Total Pallet Positions – 22,000
- ✓ Total Yearly Monetary / Cost Saving – INR. 10 Million
- ✓ Type of Storage – Ground Pallet Storage with Stacking
- ✓ Shifts – Single Shift
- ✓ Storage Type - Cartons, Spare Parts, Packing Material etc.
- ✓ Location – Bilaspur, Gurgaon
- ✓ Project Duration – 3 Months

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