



Procam Group

PWS – Case Studies

WMS

INVENTORY MANAGEMENT SYSTEM



Comprehensive Warehouse Management Software.

Built on flexible and customizable application platform.

Designed in collaboration with experienced Warehouse Professionals.

Integrated CRM, Reporting and Business Intelligence solutions.

Deployable as In-House application or Hosted Service.

Attribute driven and is customizable to your requirements with Role based access control.

Powerful dashboard and reports which will ensures informed decision making process.

INVENTORY MANAGEMENT CASE STUDY

RAPID METRORAIL GURGAON LIMITED (RMGL)

INVENTORY RECORDS ON PURCHASE RATE & SALES RATE

A very big challenge in this kind of warehouse is Inventory should be maintained in both purchase & sales rate on today.

80% of components (Signalling, Rolling Stock and Routing) in Warehouse are imported from Global Suppliers to Siemens.

Our system have to report to Siemens in both Purchase Value (values of material at the date of import.) & Sales Values (Value of material at today).

This will be challenge to organization maintained an Inventory in different Values. Import Exchange Rate of foreign currencies is changed frequently.

We have maintained Inventory in both values in all places to maintained accurate inventory. PWS Reports convert into INR from all the different.

Warehouse Executive can enter into system as per ASN/PO in any currency. System will reports as per CBEC exchange rates

INVENTORY MANAGEMENT CASE STUDY

RAPID METRORAIL GURGAON LIMITED (RMGL)

SLACK & SURPLUS WITH LEAD TIME CALCULATION

—
An interesting & complex challenge in this kind of warehouse as 80% components is imported.

We have to prepare reports with Slack & Surplus Inventory Calculation with Lead Time to Procurement Department to notify before any slack in components

Lead Time means a time taken by the supplier to deliver the material to warehouse from PO Date.

We have calculated Lead Time for each MBOM and made a system to very robust and support to Siemens hassle free operation & maintenance in RMGL.

SUPPLY CHAIN CASE STUDY

SUB CONTRACTOR PROCESS

DIFFERENT UNIT OF MEASUREMENT

—
A very big challenge in this kind of warehouse is Inventory can be maintained in different unit of measures in different Places.

Form Client to Warehouse – Client's vendors is sending Packing List/Invoice in terms of Metric Tons/FLP.

Warehouse to Cutting Contractor – Contractor pick a FLP in terms of number of pieces.

MRS/Sales Order received from End Customer is in terms of number of pieces in CTL.

This will be challenge to any organization maintained an Inventory in different UOM.

We have maintained Inventory in three UOM in all places to maintained accurate inventory.

PWS have converted into all the different UOM and all places.

Warehouse Executive can enter into system in any UOM. System will convert into all three UOM.

SUPPLY CHAIN CASE STUDY

SUB CONTRACTOR PROCESS

REUSE SEMI LENGTH PIPES

—
An interesting & complex challenge in this kind of warehouse is Inventory is decreased in every delivery and increased in other materials for some cases.

We have received 100 Meter FLP from Client's Vendor and have also received 60 M CTL Pipe order from Customers.

In these cases, Cutting Contractor will cut the pipe into 60 Meter and 40 Meter CTL pipes. 60 M is delivered to customer i.e. Inventory has been reduces from Inventory

40 M CTL pipe is returned to Warehouse in different Identification number. i.e. Inventory has increased. In these kind of inwards doesn't have any inbound from Clients' vendor.

40 M CTL pipe considered as Inventory instead of scrap. Because of this Scrap values has been decreased and materials has been utilized effectively.

SUPPLY CHAIN CASE STUDY

RURAL ELECTRIFICATION PROJECTS

REASONS

—
No track or check on the timeline of Incoming Inventory from the Vendor.

Inadequate Quality Inspection / Material Accounting Mechanisms in the Warehouse.

High dependence of Manual Records with concurrent challenges.

Absence of Stacking Method of storage of Material for FIFO.

OUR SOLUTION

—
We designed and deployed our Customised IT Solution –Warehousing Solution a WMS that provides real time information and improves Supply Chain Visibility through the entire Value Chain.

We brought in a process of ASN Creation which helps to keep track on the In-Transit Inventory and a Material Inspection Process (MIR), which tracks the damages in the received material consignment wise to ensure Zero Defect Stocks.

We follow the process of Material specific Stacking process that also ensures Zero damages to the Material placed in individual levels in such a manner that FIFO is followed.

SUPPLY CHAIN CASE STUDY

RURAL ELECTRIFICATION PROJECTS

REASONS

Absence of Warehouse Layout Design and Material Binning process for easy identification and tracing of Stored Inventory.

No Control on the Indent raised from the Sites in accordance with the Survey Requirements (MBOM) of the Location.

No proper check and control on the Value of the Inventory issued to Contractors every time before obtaining the Consumption Details of the Location.

OUR SOLUTION

We designed a Warehouse Layout and Location Mapping for Binning of the Material for ease in identification and locating the Material.

Deployed suitable Approval Hierarchy for Contractor Indents / Issues linked to MBOM based on the Survey Qty approved by the Client.

Credit Control Checks have been configured to regulate the withdrawal of Material by Contractors before requesting for additional Material for sites.

SUPPLY CHAIN CASE STUDY

RURAL ELECTRIFICATION PROJECTS

REASONS

—
No Mechanism to track the development in Erection work in relation to the Material Issued to individual Contractors, to gauge the work progress at sites.

No Mechanism to evaluate appropriate and sufficient Stock requirements to avoid unnecessary blockage of Company Capital in purchases of over required Inventory.

OUR SOLUTION

—
Village / Contractor wise Inventory Management Process has been deployed to keep a track of the progress against the Material dispatched.

Batch control Report to ensure FIFO and support the Management on planning optimum inventory levels and gain better control in Working Capital Management.