

MP12NH Demo System For A Manufacturing Company



Introduction

Our client is listed on the National Stock Exchange and Bombay Stock Exchange since 1991 with manufacturing facility and located in north of India. They are equipped with the latest machinery imported from Europe. Their manufacturing components are made-up from prime quality steel conferring to DIN standards which are procured directly from reputed steel manufacturers. They are leaders in its market segments because of their core values and hard work which is a basic tenet for driving Company.

They are into 5 Key Businesses Segments:

- Material Handling Crates, Containers and Bins.
- Molded Furniture such as Chairs, Tables and Cabinets.
- Custom Moldings & OEM supplies for specific customers.
- @home, the Mega Home Store Retail Chain
- Service Products for Hospitality Industry

Business Scenario

Client wanted to implement solution for operating Hanel Lean Lift in integration with ERP assuming lean lifts which are configured in HOST-WEB and HOST-DATA modes. They were looking for integrator which can seamlessly integrate these two applications.

Business Challenges

They are dealing into the sales of Hanel Lean Lift. Integration of Hanel Lean Lift with individual customer's ERP is the key pain area which triggered the need of this system. In this phase client wanted to integrate Hanel Lean Lift and SAP with the help of an application which can provide seamless integration and also can operate lean lift from remote machine

MP12NH Demo System Solution

After receiving requirement from our prospect, A.G.Technology deployed following MP12NH Demo solution for them:

Project Summary

Industry: Manufacturing

Client Profile:

Our client is listed on the National Stock Exchange and Bombay Stock Exchange since 1991 With a manufacturing facility located in north of India. They are equipped with the latest machinery imported from Europe. These components are made-up of prime quality steel conferring to DIN standards which are procured directly from reputed steel manufacturers. They are market leaders in its market segments because of their core values and hard work is a basic tenet for driving the Company.

Solution:

Client has approached AG Technologies to implement solution for operating Hanel Lean Lift in integration with SAP R3 assuming lean lifts are configured in HOST-WEB and HOST-DATA modes

Solution Benefit:

- Integrates Hanel Lean Lift and SAP R3 ERP for inventory handling operations.
- Allows operating inventory handling operation from Controller itself in Host-Web Mode.
- Inventory handling operation can be done from remote Computer as well.
- Helps to track User wise information with respect to Goods Issue as well as good Receipt done.
- Helps to use Hanel Lean Lift more efficiently by giving information about material placed at every location as

Some of the features are as mentioned below:

- “Goods Receipt” functionality allows loading of goods in lean lift against selected GRN. User can search the GRN base on “Posting Date “, “ Item Code “, “GRN No”. Specified quantity for particular location will be saved in system and same will be deducted from Balance Quantity in GRN and added in the Available Quantity in lean lift.
- “Goods Issue” functionality allows retrieval of goods from lean lift against selected GI. User can search on the basis of “Posting Date “, “ Item Code “, “GI No”. Specified quantity for particular location will be retrieved from the system and same will be deducted from Balance Quantity of GI and Available Quantity in lean lift.
- “Location Master” functionality helps user to allocate the Items to particular location in lean lift by specifying Lift No, Shelf No, Compartment No, Compartment Depth and container size.
- Solution has security features such as authentication and authorization.
- MIS Reports -
 1. Tray Location wise Stock Report
 2. Parts below Minimum Level Report
 3. Part wise Transaction Report

Technology Used

- DOT Net Framework 4.0 (64 Bit)
- LINQ
- JQuery,
- JavaScript
- XML Database

The Solution Benefit

- Integrates Hanel Lean Lift and SAP R3 ERP for inventory handling operations.
- Allows operating inventory handling operation from Controller itself in Host-Web Mode.
- Inventory handling operation can be done from remote Computer as well.
- Helps to track User wise information with respect to Goods issue as well as good Receipt done.
- Helps to use Hanel Lean Lift more efficiently by giving information about material placed at every location.
- A report facilitates better, more informed decisions.
- Smooth integration two different systems via single application.
- Security features such as authentication and authorization were provided to avoid unwanted access to the system.

MP12NH Demo System - Data Communication Diagram

