



SUPREME

CASE STUDY – SUPREME EDI WITH BSH-WMS



SUPREME

LOGISTIC SOLUTIONS PVT. LTD.

Your supply chain partner

1. Introduction

1.1 Document Purpose

The purpose of this document is the Case Study Documents.

1.2 Intended Audience

Supreme is American brand established in New York. Supreme produces skateboard Clothing, shoes and accessories. Supreme do have their big warehousing with 3PL.

2. Problem & Causes

- As Supreme is one of the largest Multinational company in the world it require EDI interface for their one of the client Bosch.
- They are facing problem for receiving data.
- BSH is facing problem to detect the coming orders and the material to transfer or transferred material.
- BSH found it difficult to track material coming and going outside, Location of material in warehouse, good or bad condition of material.
- Supreme needs to accept the order by electronic data interchange, approve it and make it ready to ship.
- Supreme needs Virtual Inventory for the sake of accepting Pre-Orders.

3. Solutions

We have provided EDI interface to SAP and WMS. EDI Scheduler Applications is the scheduler Application running on the interval as per BSH KPI, This Application checks for the FTP folder for new Messages, Upon receiving the message Application will format the message as SAP or WMS Format and communicate with SAP or WMS component as per the Message.

- SAP component write Output file to SUPREME folder
- SAP Component will read and move the file from BSH folder to Archive folder
- WMS COMPONENT write output file to BSH Folder
- WMS Component read and move file from SUPREME folder to Archive folder



3.0. EDI interface with WMS

3.1 Material Master: Material Master data changes are sent from BSH to the Supreme warehouse.

3.2 Supreme receives order by EDI. EDI is Electronic Data Interchange which is interfaced with Warehouse Management System. Instead of getting Purchase Order Supreme receives order by EDI. The facility to send text message is also enabled through EDI.

Supreme Warehouse receives order from Bosch through EDI. Then warehouse need to generate GRN against that order. In this way inbound process get started. Supreme don't need to create new information through master as it automatically receives order through Electronic Data Interchange to process further.

Inbound delivery means nothing but the transfer from virtual warehouse to Supreme warehouse. It is required because the client Bosch does not have their own warehouse so it is considered as virtual warehouse.

3.2.1 Delivery Note: Delivery Note has been generated from Supreme warehouse against the order received from Bosch.

3.2.2 GRN: When Supreme warehouse receives material from Bosch, Supreme need to give the notification of receiving that specific product to their client BSH. In this process they need to generate GRN (Goods Receipt note) which is first main part of inbound process.

3.2.3 Picking Confirmation: After picking the material inside the warehouse came from Bosch virtual warehouse, Supreme warehouse need to send the confirmation against the sales order or transfer of the material from virtual warehouse of BSH to Supreme warehouse.

- 3.2.4 **Shipment Confirmation:** Shipment confirmation notification has been sent to the client from warehouse. It is required for the warehouse to send client because Bosch need to confirm whether the product get shipped or not.
- 3.2.5 **Stock Availability:** In this process system checks the stock available in the virtual warehouse of Bosch and Supreme warehouse. Comparison of stock has been done by the system and this report regarding client stock and stock in warehouse has been sent to Bosch from Supreme.
- 3.2.6 **App Trace:** The application used for tracing location of product is called as app trace. In this application daily message has been sent regarding material against sales order which goes outside.
However KPI is used to send daily status of dispatched material which contains Order no, Warehouse no, Order name etc.
- 3.3 **Lottable :** Every product have unique serial code. With the help of that code internal transfer taken place. We have given the facility of master to the client so that they can enter additional data. There are three lottables in case of Supreme Serial No, Expiry Date, and grade.

4. Conclusion

BSH is satisfied from our EDI Interface with the Warehouse Management System. Their speed of operation got increased by using this interface. They don't need to generate sales order separately they receive it by EDI. Supreme found it easy to get orders from BSH.