



# DBLBTECH

[www.dblbtech.com](http://www.dblbtech.com)

3PL Warehouse Management System For The Warehouse

ERP, WMS, OFS & CRM

**THE WAREHOUSE**  
INVENTORY & ORDER MANAGEMENT

# Meeting agenda

## Discussion Point

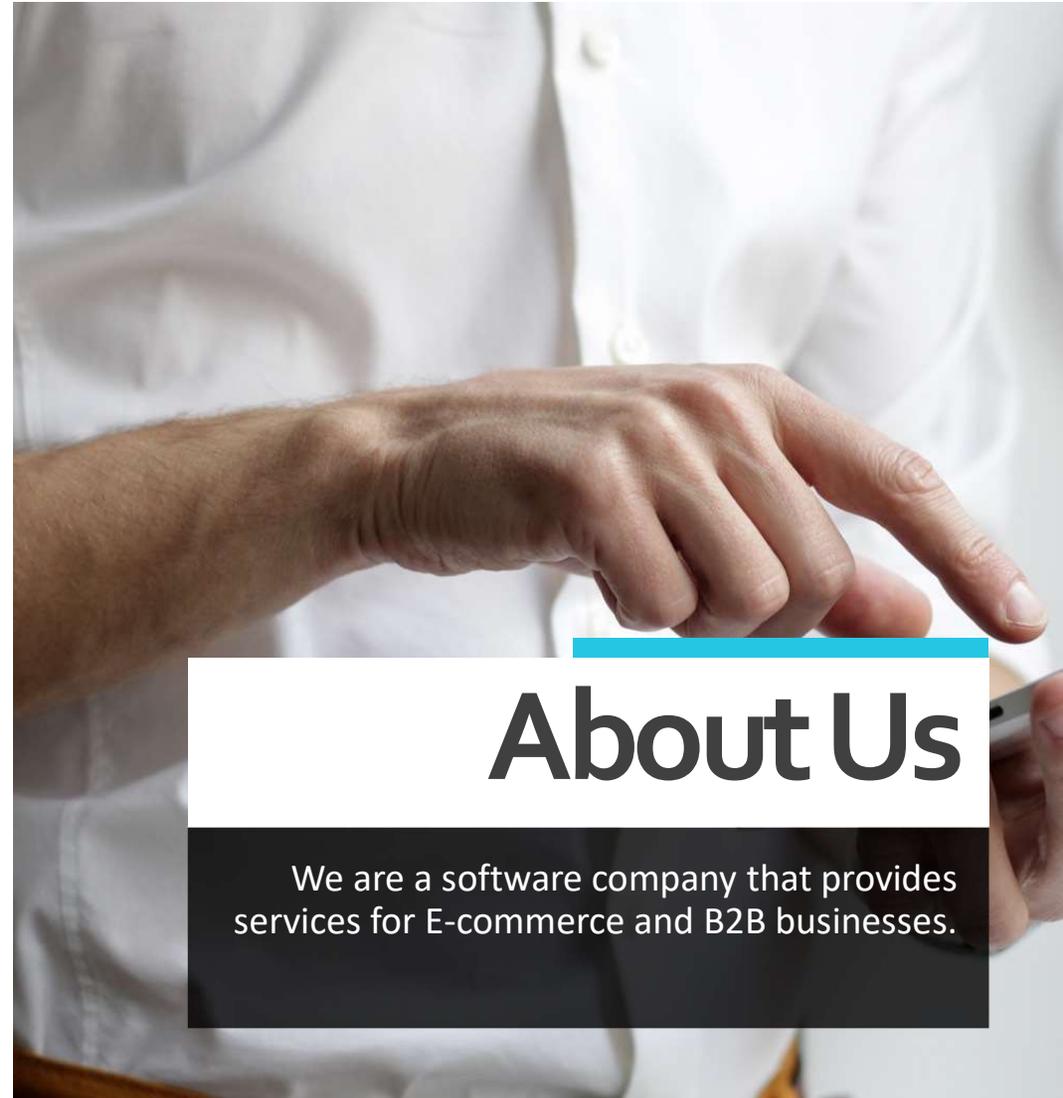
- Introduction Of DBLB TECH
- DBLB TECH Services
- DBLB TECH Promise
- DBLB TECH Portfolio
- The Warehouse Business Process
- System Design And Architecture
- User Access Permission and security
- Warehouse Design & Layout
- Picking and Put away Priority
- Inbound Process
- SKU Creation and Approval (3 Level)
- Inbound Document (PO) Creation
- Gate Entry
- Quality Check with Image and attribute
- GRN (Receipt Note)
- Put Away
- Inbound Return
- Outbound Process
- B2C , Order Receiving, Batch Creation, Picking, Packing, Manifest, Driver Assignment
- B2B , Order Creation, Picking, Shipment, Gate Out
- Out Bound Return
- Pendency Report and Dashboard

# DBLBTECH

DBLB TECH is a Delhi NCR based Technology firm that Offers Enterprise and Open-Source technology resource and take the full responsibility of development with Cost-savings, Standardization of processes, quick response time and timely delivery and quality of service.

We provide our resources to a number of Microsoft partners for development , support and outsource development at a very reasonable cost, and we accept full responsibility for their development based on agreement. Our goal is to provide our customers with the best solution at a reasonable price. We created and deployed the following system for e-commerce, retail, and manufacturing companies.

- **1. ERP (Microsoft Dynamics NAV, Dynamics Business Central)**
- **2. OFS (Order Fulfilment System , Unlimited users, no licence fees, excellent for e-commerce businesses)**
- **3. WMS (Warehouse Management System, Unlimited users, no licence fees, excellent for e-commerce businesses & Big logistic company)**
- **4. CRM (Customer Care System , Unlimited users, no licence fees)**
- **5. OSC & Packaging centre (one shipping centre for multi warehouse)**
- **6. Logistics software**



## About Us

We are a software company that provides services for E-commerce and B2B businesses.



# Our Promise

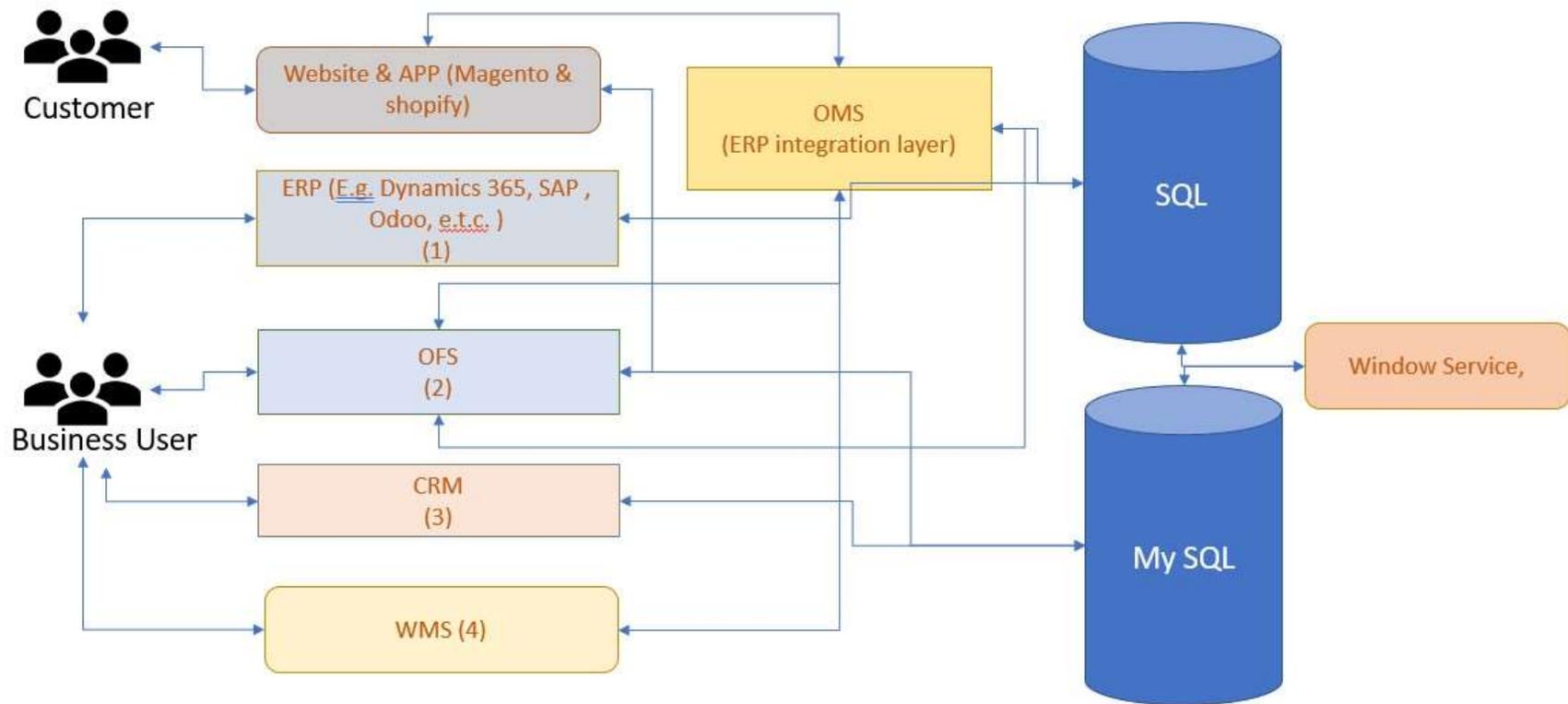
Object-oriented and punctual delivery

WhatsApp live chat support, phone support, email support with support ticket tracking, and dedicated account manager

- We develop our product based on industry needs, changes and most importantly, customer solicited feedback.
- Our support team has won a variety of awards based on our multi-tiered, multi-layered support structure. You can count on access to various support services

# System Design And Architecture

We can add a n number of servers and a load balancer for the application, as well as various slave servers for the database.



# SKU Creation

We are offering a web-portal to your client or your warehouse product creation staff. They can use this site to build mass skus by using a simple excel file.

This Web Portal has three levels of approval. The majority of clients use the first level for creation, the second level for verification, and the third level for 3PL business approval.

## Warehouse Design & Layout

We will construct a separate Location for each client with four-zone by default( Receive, Ship, Put-pick, and QC) within a warehouse.

Each location (Client) may have a number of mobile devices for warehouse operations (pick, put-away, movement, and cycle count).

### **There are Two Type of BIN :- Storage Bin & Trolley Bin**

Storage Bin :- Each Zone can have a n number of bins depending on the amount of space required by the client.

Trolley Bin :- Trolley BIN refers to a Trolley that is used for picking or as a temporary or in-transit bin.

## Picking and Put away Priority

- Picking
  - Based on his operating strategy, the client can set picking priority and pick path.
  - Based on inventory availability, the system will suggest up to five bins for picking.
- Put-Away
  - Based on his operating strategy, the client can set Put-Away path.
  - Based on inventory availability, the system will suggest up to five bins for put-away

# Trolley Bin

Trolley BIN refers to a Trolley that is used for picking or as a temporary or in-transit bin.





# Inbound Process

Client Inventory Delivered to Our Warehouse

# User Access Permission and security

Customer Administrators can define numerous roles and permissions based on their corporate structure and user responsibilities.

## Inbound Document (PO) Creation

- There is one purchase order (inbound order) process with three level approval (same as SKU creation)
- Gate Entry: Based on the inbound document, gate entry will be performed and will only include invoice level details.
- Quality control will be undertaken on a gate-entry and item level basis. You can look at up to five photos for a single product.
- GRN: After passing through the gate, the warehouse executive can complete the GRN for the pass and fail quantities.
- Put-Away: A Put-Away document prepared automatically based on GRN.

## Inbound Return

- Same as B2B Sales Process

# Outbound Process

Client Inventory Delivered to Customer

# Out Bound Process

There are two type of outbound process (B2C and B2B)

## B2C Sales Order

**Batch Creation** :- Process of creating items or orders into group of different Picks based on certain criteria.

### Item Wise

Here the batch process is based on item level, the items are picked based on the order date, then operations are performed like picking , order allocation packing and then manifesting.

### Order Wise

Here the batch process is based on order level, the batch is created based on no. of orders, the user pick the item in moveable trolley with fixed bin, the user scans the item and bin during picking and then on packing screen it scans the bin for posting the package.



## Item Wise Picking, Order Allocation & Sorting Bin Put-Away

### Picking

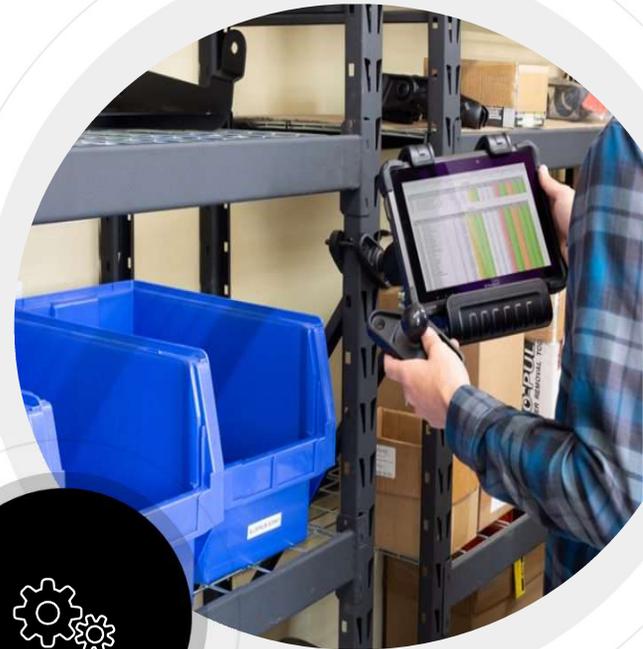
The process of Picking up the the item from bin, here the picker picks the items and put it in bin for Order Allocation.

### Order Allocation

The process of allocation the item to the weborder, the user scans the items based on batch or simple allocation.

### Sorting Bin Put-Away

One the order is allocated the items based on allocation stickers are put into sorting bin which further taken for packing.



## Order Wise Picking, Order Allocation & Sorting Bin Put-Away

### Picking & Order Allocation (Sorting Bin Put-Away )

System assign complete batch to a picker (normally batch size up to 20 order) and system suggest the trolley bin at time of picking item from the bin

This type of picking will be use full if customer are getting less than 3K order per day.



# Packing & Manifesting

## Packing

The Order is Packed with items, the user scans the Sorting bin or they have options to scan item.

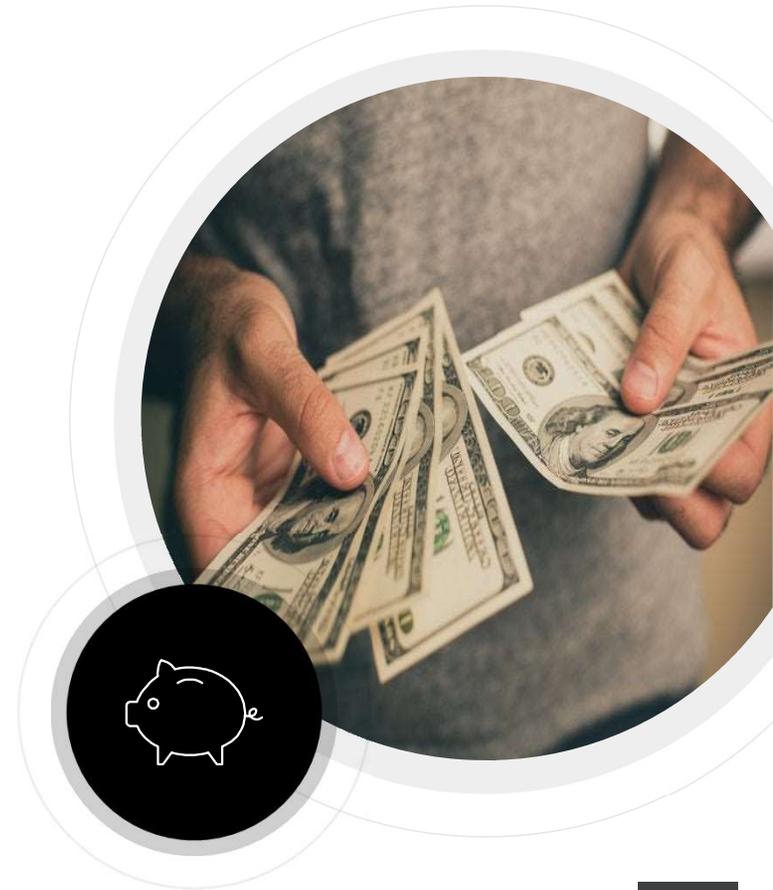
## Manifesting

Once the Order is packed the user create a document for DSP Handover. Either DSP Wise, Country wise or based on Danger or Fragile based.



## Driver Cash Collection

This process is used for local order when the drivers go out to driver and once, they delivered the orders on coming back to warehouse they handover cash to cashier for the collection.



# Outbound Process

Client Inventory Delivered to Client location from our Warehouse

# B2B Sales Order



Out Bound Document  
(Sales Order)



Picking



Shipment



Gate Out



# Warehousing

Inventory Management

A warehouse management system (WMS) is software and processes that allow organizations to control and administer warehouse operations from the time goods or materials enter a warehouse until they move out. Operations in a warehouse include inventory management, picking processes and auditing.

## Warehouse Movements

### Bin to Bin

In this Movement Items from one bin is move to other bin based on the requirement or replinshment

### Single Item

In this type of movement single item is move from one location of the warehouse to another based on the reuirment.



# Cycle Count

Calculation of physical stock with respect to system stock.

## Bin-wise

When the process is done based on bin wise. User checks the system qty manually and checks it with bin qty.

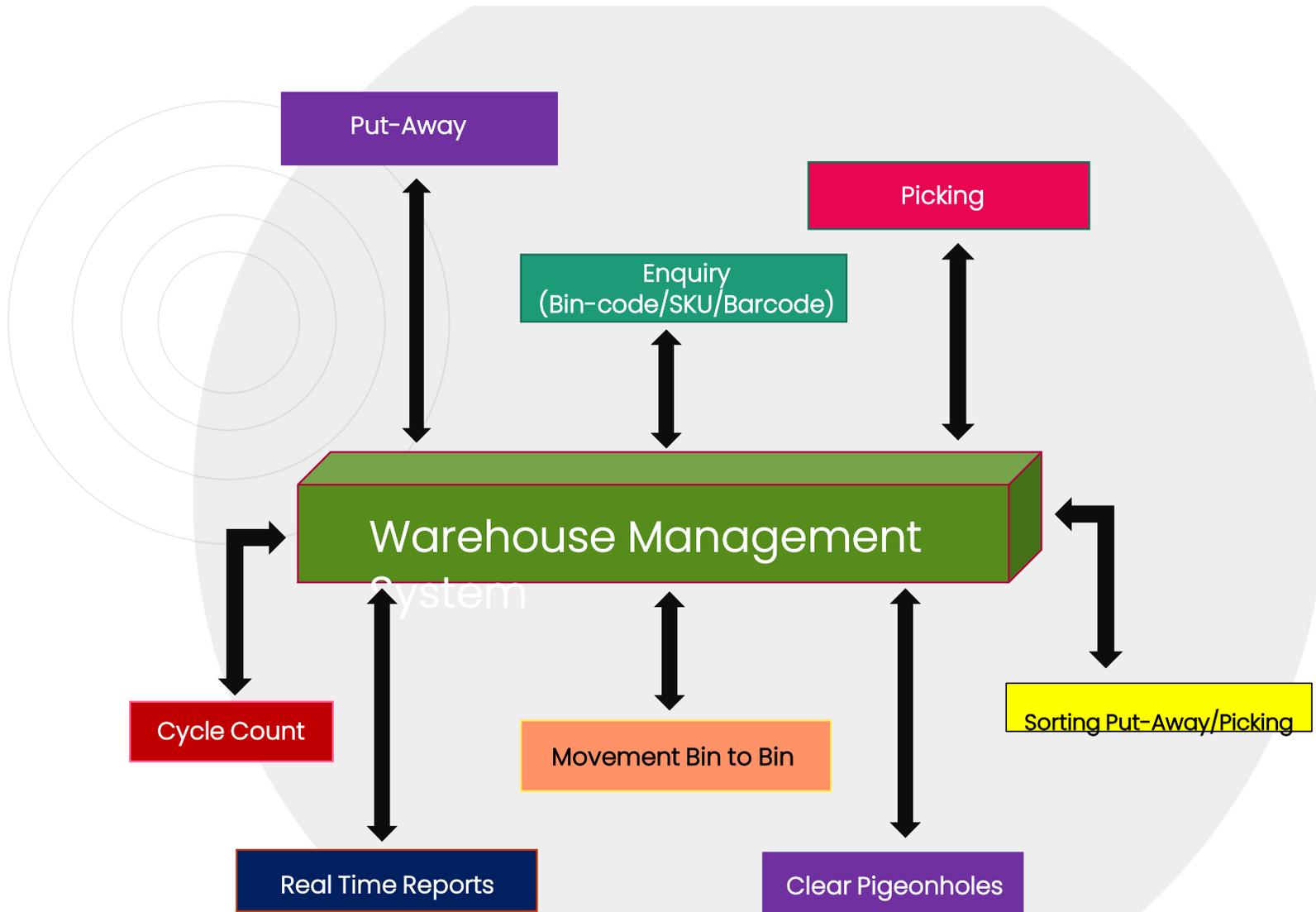
## Discrepancy

This process is automated process where the warehouse head can perform the cycle count using automatic report and convert it into document and assign them to the inventory users.

## Scheduled

This Cycle Count is done based on time interval can be done quarterly, half yearly or yearly based on the requirement.







# Thank You

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