BASIQ/360°

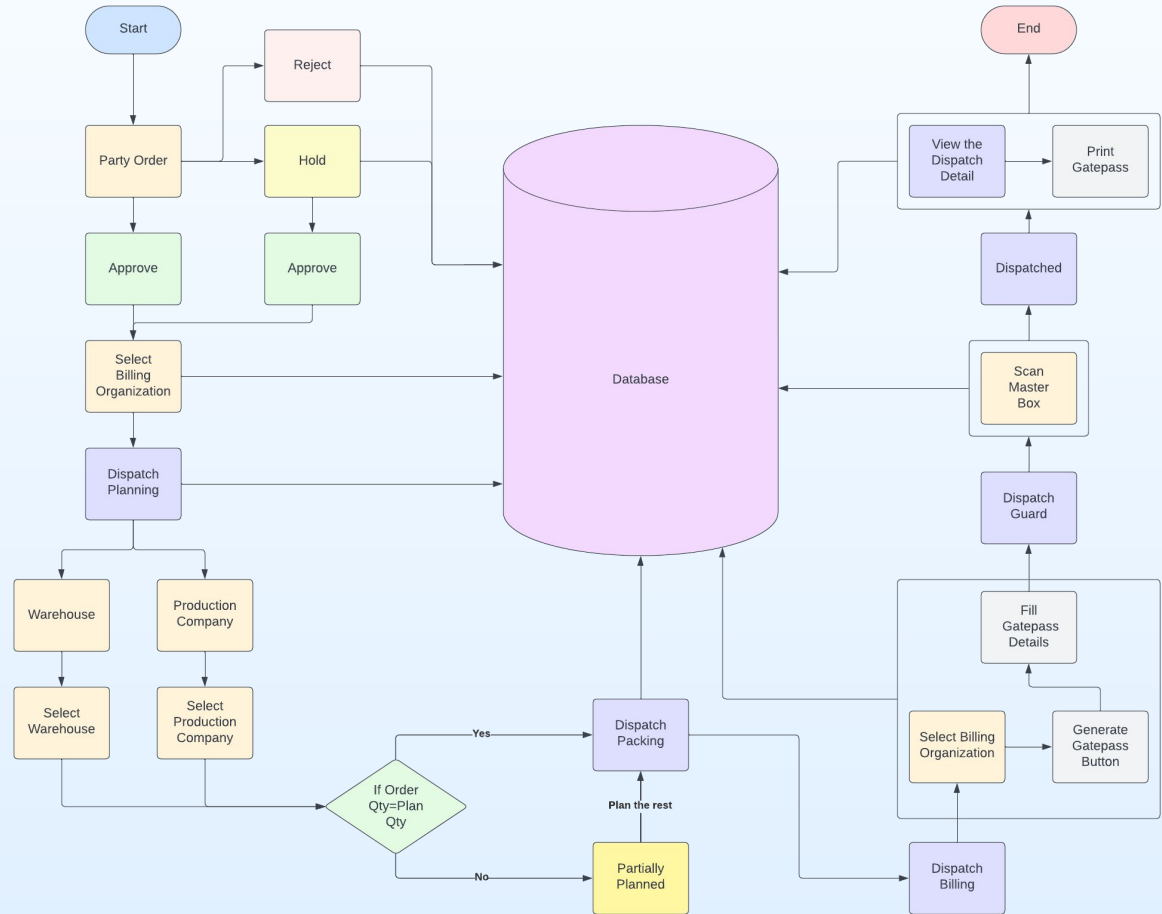# Warehouse & Dispatch

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Dispatch Flow

Basiq360's Warehouse & Dispatch System is comprised of several integral modules, each designed to address specific aspects of the dispatch and inventory management process. These modules work in concert to ensure a seamless, efficient, and accurate dispatch operation.

Dispatch Flow

Dispatch Flow

Each module within the Warehouse & Dispatch System is meticulously designed to address specific operational needs, from product management and order processing to inventory tracking and user management. This modular approach allows for a high degree of customization and scalability, ensuring that businesses can adapt the system to their unique logistical and operational requirements.

Dispatch Used Module

Order Module
This module manages party orders, distinguishing between primary and secondary orders to streamline the dispatch process based on the source and type of order.

QR Code Module
Central to the system's operations, this module generates and manages QR codes for products, enabling accurate tracking and management of inventory.

Master Box Module
A QR-based system for pre-packing items into master boxes, facilitating easier order linkage and handling during dispatch.

Dispatch Module
Oversees the dispatch process from planning to execution, including the addition of master boxes, generation of gate passes, and final dispatch of orders.

Dispatch Used Module

Manual Dispatch Module
Offers a streamlined, order-independent dispatch process for direct inventory management and customer dispatch without the need for prior order approval or planning.

Sales Return Module
Manages the return process for items, allowing for systematic reintegration of returned items into inventory and re-dispatch where necessary.

Warehouse Transfer
Facilitates internal stock transfers between company warehouses or from company to warehouse, ensuring smooth supply chain management.
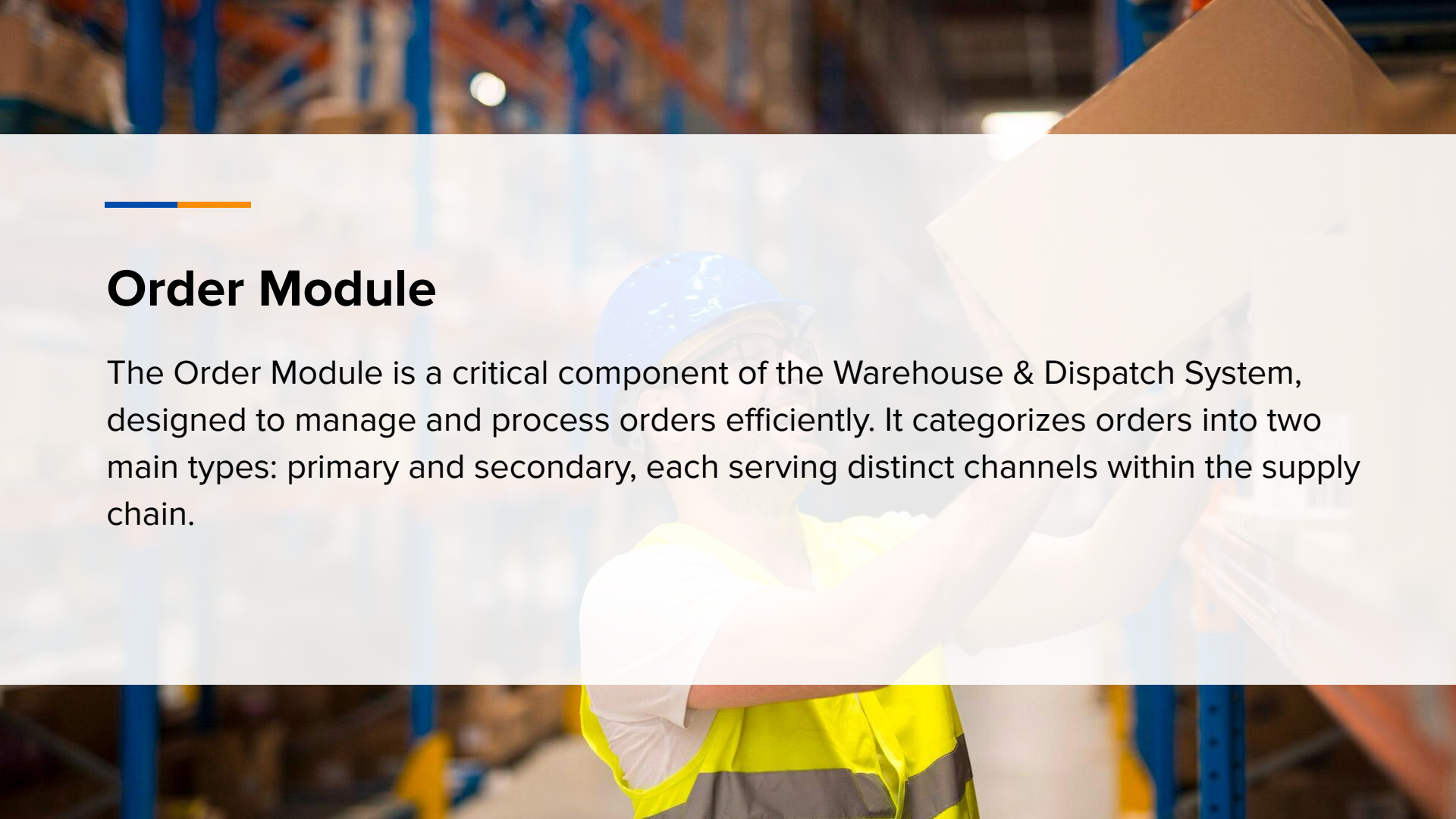
Stock Module
Provides a comprehensive overview of stock levels across different locations, including damage stock, company stock, and stock at distributor levels.

Order Module

The Order Module is a critical component of the Warehouse & Dispatch System, designed to manage and process orders efficiently. It categorizes orders into two main types: primary and secondary, each serving distinct channels within the supply chain.

Primary Order

These are the backbone of the dispatch process, originating from distributors and direct dealers who place orders based on client demands. The system also accommodates orders from warehouses to the company and between warehouses, ensuring flexibility and responsiveness in the supply chain.

Order Processing Steps

Approved Order

The initial phase in the primary order process involves the approval of the order by the billing company. This step ensures that all orders are validated and authorized before proceeding. Orders can be approve held or rejected at this stage based on various criteria such as inventory availability or credit checks.

Dispatch Planning

This final stage in the order process involves selecting the specific organization unit (Production company or warehouses) from which the order will be dispatched. It entails a detailed planning of the order, including quantity and item specifics, ensuring that the order can be fully or partially planned to meet customer demands efficiently.

Order Module

The Order Module streamlines the entire process from order receipt to dispatch planning, ensuring that orders are processed efficiently, accurately, and in alignment with inventory and logistical capacities.

Master Box Module

The Master Box Module is an innovative solution designed to optimize the packing and dispatch process through QR code technology. This module significantly enhances the efficiency and accuracy of the packing process, enabling smoother operations and reducing the potential for errors.

Master Box Module

Benefits of Master Box

→ **QR-Based Prepacking**
Leveraging QR codes, items are virtually prepacked in master boxes. This digital prepacking process allows for a seamless link between packed items and their respective orders, ensuring that each order is fulfilled accurately and efficiently.

→ **Direct Order Linking**
Each master box is directly linked to a specific order through its QR code. This direct linkage ensures that the dispatch process is streamlined, with a clear and traceable connection between orders and their physical fulfillment.

→ **Reopening Master Boxes**
The system provides flexibility by allowing the reopening of master boxes if necessary. This feature is particularly useful for making adjustments to orders, such as adding or removing items before final dispatch. The ability to reopen and modify the contents of master boxes ensures that the packing process remains adaptable to changing demands and requirements.

Master Box Module

The Master Box Module, with its QR-based process, plays a pivotal role in modernizing and streamlining the packing and dispatch operations. By automating and digitizing the link between orders and their physical fulfillment, this module ensures higher levels of accuracy, efficiency, and customer satisfaction in the dispatch process.

QR Code Module

The QR Code Module is a cornerstone of the Warehouse & Dispatch System, employing QR code technology to enhance inventory management and streamline the dispatch process. This module enables the generation and management of QR codes for a precise tracking system that links physical items to digital information seamlessly.

How's QR Works

QR Code Generation for Inventory Management

The module facilitates the creation of QR codes that are essential for tracking inventory throughout the company's operations. Each item or box is assigned a unique QR code, which serves as a digital fingerprint, allowing for easy identification and tracking.

Dispatch Process Integration

During the dispatch process, items are scanned and their QR codes are linked to specific orders. This ensures that the right product is allocated to the correct order, minimizing errors and enhancing the accuracy of the dispatch process.

Types of QR

Box QR Code
These QR codes are assigned to boxes, enabling the tracking of entire packages rather than individual items, suitable for bulk shipments.

Item QR Code
Individual items are given their QR codes, allowing for item-level tracking throughout the dispatch process. This is particularly useful for high-value or critical inventory.

Types of QR

Box with Item QR Code

Combines the advantages of both box and item QR codes, providing a hierarchical tracking system where the box serves as the parent QR and each item inside as the child QR. This dual-level tracking is invaluable for complex orders requiring detailed inventory management.

No Scanning Product

This category is reserved for products that do not feature QR codes, either due to their nature or logistical considerations, highlighting the system's flexibility to accommodate various inventory types.

QR Code Module

Historical Data and Returns Management

The module allows for the historical tracking of dispatched items, linking QR codes to specific order numbers. This feature is crucial for analyzing dispatch efficiency, tracking product movement, and managing returns and manual dispatches with the same level of precision.

Dispatch Module

The Dispatch Module is a key component of the Warehouse & Dispatch System, facilitating the efficient and accurate dispatch of items based on planned orders. It integrates closely with the Master Box and QR Code Modules to ensure a smooth dispatch process.

Dispatch Module

Dispatch Module

The initial step involves adding a master box, which serves as the container for the items of a specific order. This step is crucial for organizing and preparing orders for dispatch.

Dispatch Process Steps

1

Pending Dispatch

At this stage, the packed materials are assigned to an order and linked with a master box. This ensures that each order is correctly packaged and ready for the next phase of the dispatch process.

2

Pending Gate Pass

The generation of a gate pass is the next critical step, acting as the authorization for the goods to leave the warehouse or company premises. The gate pass is generated against the billing company or warehouse, ensuring that the dispatch is documented and authorized.

3

Dispatched

Upon generating the gate pass, the items are officially dispatched. This marks the completion of the dispatch process, with the items moving from the company to the destination as outlined in the order.
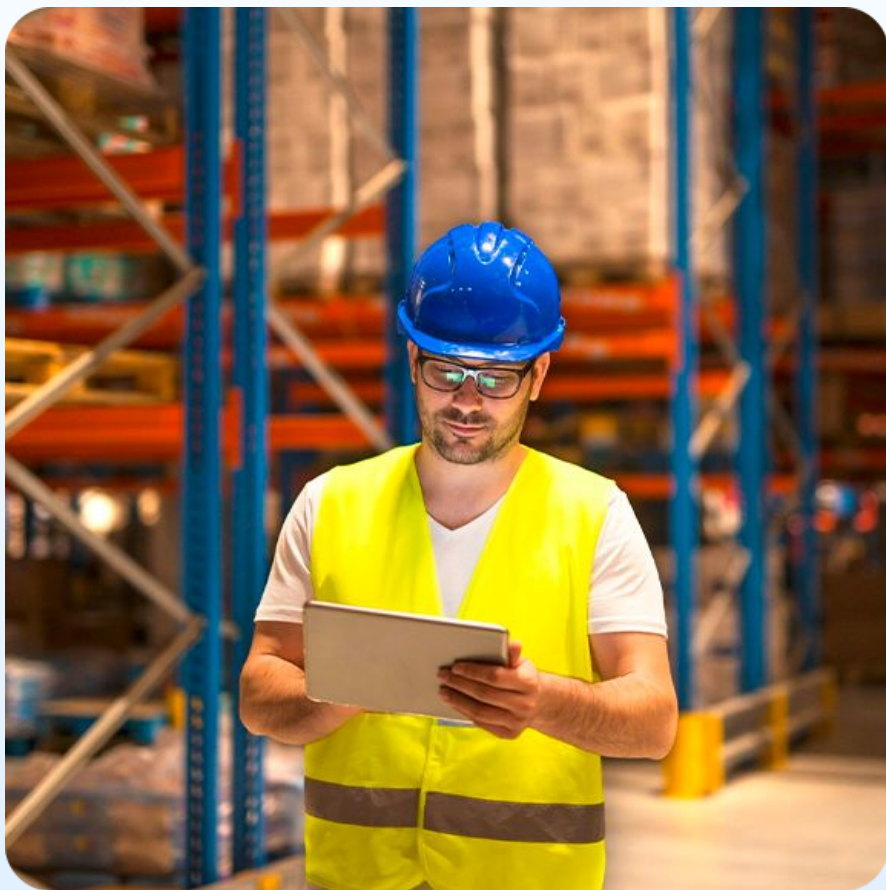
Dispatch Module

This module streamlines the dispatch process, ensuring that each step, from packaging to the generation of gate passes, is conducted systematically and efficiently.

Manual Dispatch Module

The Manual Dispatch Module offers a flexible approach to dispatching items without the need for a preceding order. This module is designed for situations where direct dispatch to customers or between company units is required without the standard order processing steps.

Manual Dispatch Module

Direct Dispatch to Users
Items can be directly dispatched to both existing and new users, allowing for immediate response to customer needs without the delay of order processing.

Inventory Management
Despite bypassing the standard order process, inventory is accurately managed within this module, ensuring that stock levels are updated in real-time.

No Order Requirement
This feature enables the dispatch of items without the need to add any specific order to the system, simplifying the process for urgent or ad-hoc dispatch requirements.

Sales Return Capability
Items dispatched through this module can also be returned, allowing for flexibility and customer satisfaction. The module supports the processing of returns, ensuring that items can be systematically reintegrated into the inventory.

Manual Dispatch Module

← **Add Manual Dispatch**

Coupon Number

Basic Information

| Distributor/Dealer * | Dispatch Type * | Invoice Number * |

Customer

Sr.No	Coupon Code	Coupon Type	Packing Size	Action
1				🗑
2				🗑

Save

Manual Dispatch Module

The Manual Dispatch Module enhances operational flexibility, enabling businesses to meet immediate or unique dispatch needs efficiently.

Manual Dispatch Module → Scan Barcode → Select Party → Dispatched

No order needed
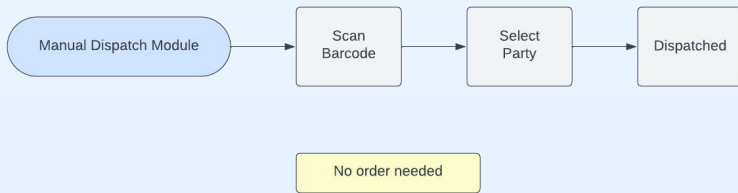
Stock Transfer Provision

The Warehouse Transfer Provision is a critical logistical operation within the Warehouse & Dispatch System, designed to facilitate the efficient movement of stock internally between the company and its various warehouses, as well as between different warehouses. This process ensures that inventory is optimally positioned to meet demand, improve delivery times, and reduce logistical costs.

Stock Transfer Provision

Production Company to Warehouse Transfers

This process involves the strategic movement of stock from the company's main inventory to its warehouses, enabling better distribution management and local stock availability.

How's It Works

Order Creation and Approval

The process begins with the company or warehouse creating an order specifically for the purpose of transferring stock to one of its warehouses. This order must be approved, signifying that the transfer has been planned and authorized at the company level.

Dispatch and Distribution

Following approval, the material is dispatched from the company to the designated warehouse. Upon receipt, the warehouse has the capability to further dispatch this material to customers, including distributors and direct dealers. This step is crucial for ensuring that inventory is closer to end customers, reducing delivery times and improving service levels.

Stock Transfer Provision

Warehouse to Warehouse Transfers

This process involves the strategic movement of stock from the company's main inventory to its warehouses, enabling better distribution management and local stock availability.
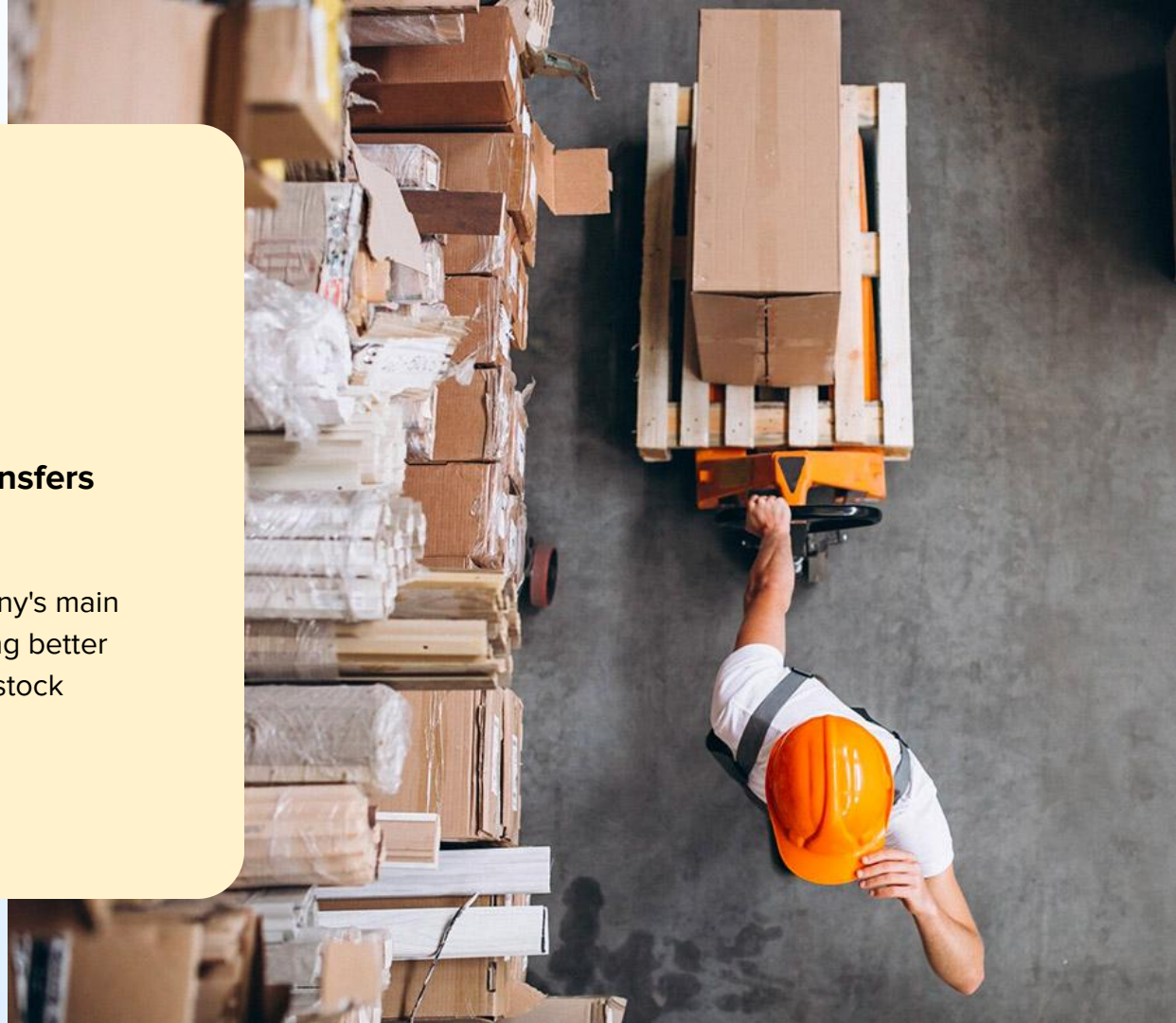
How's It Works

Order Creation for Transfer
The production company or warehouse initiates the process by creating an order for the transfer of stock. This order undergoes approval at the company level and approved from the selected sender warehouse, ensuring that the transfer is necessary and feasible.

Selection and Dispatch
As the sender warehouse is selected, the material is dispatched to the receiver warehouse. This step requires careful planning and coordination to ensure that the transfer meets the inventory needs of the receiving warehouse without disrupting the operational efficiency of the sender warehouse.

Stock Transfer

Distribution to Customers
Once the receiver warehouse has received the material, it is then in a position to dispatch this stock to its customers, such as distributors and direct dealers. This flexibility in stock movement allows the Warehouse & Dispatch System to adapt to changing demand patterns, ensuring that inventory is always positioned where it is needed most.

The Warehouse Transfer Provision embodies the system's adaptability and responsiveness, enabling a dynamic approach to inventory management and distribution. By facilitating efficient internal stock transfers, this provision supports the overarching goal of the Warehouse & Dispatch System to maintain optimal inventory levels, reduce logistics costs, and ensure timely delivery to customers. Through strategic warehouse transfers, the system enhances the company's ability to meet customer demand effectively and efficiently.

Sales Return Module

The Sales Return Module manages the return of items from clients, ensuring that the process is handled systematically and efficiently. It integrates with the QR Code Module to track returned items accurately.

Benefits of Sales Return

QR Code Scanning of Returned Items

Similar to the dispatch process, returned items are scanned using their QR codes. This allows for the accurate identification and processing of returns.

Stock Management Post-Return

Upon scanning and saving the details of the returned product, the stock levels are automatically updated to reflect the return. This ensures that inventory records are accurate and up-to-date.
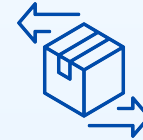
Re-Dispatch Capability

The module supports the re-dispatch of returned items. Once a returned item is processed and ready for dispatch again, it can be linked to another order, maximizing inventory utilization and reducing waste.

Sales Return

← Add Sales Return

Coupon Number

Sr.No	Coupon Code	Coupon Type	Packing Size	Dispatch Date	Dispatch Type	Invoice Number	Distributor/Dealer Detail	Scanning Status	Action
1									🗑
2									🗑

Save

Sales Return

The Sales Return Module ensures that returns are processed in a manner that maintains inventory accuracy, supports customer service, and allows for the efficient re-utilization of returned items.

Sales Return Module → Scan Barcode → Save

Stock Module

The Stock Module plays a pivotal role in the Warehouse & Dispatch System by providing real-time visibility and management of inventory levels. This module is designed to ensure that stock is accurately tracked, allocated, and replenished across various stages of the supply chain.

How's Stock Works

Real-Time Stock Level Monitoring

Users can monitor stock levels in real-time, including damaged items, at the company, warehouse, and distributor levels. This comprehensive visibility is crucial for effective inventory management, enabling prompt responses to stock shortages or surpluses.

QR Code Integration for Stock Generation

When a QR code is created for a product, the corresponding stock is automatically updated in the system. This feature ensures that stock levels are always synchronized with actual inventory, enhancing the accuracy of stock records.

Automated Stock Movement during Dispatch

As items are dispatched, the system automatically updates stock levels, transferring inventory from the company to the dealer or distributor's stock. This automated process eliminates manual stock adjustments, reducing errors and saving time.

How's Stock Works

The QR Code and Stock Modules together form an integrated approach to inventory and dispatch management. By leveraging QR code technology, the system provides a robust framework for tracking, managing, and optimizing inventory levels and dispatch operations. This integrated solution ensures that businesses can maintain high levels of accuracy, efficiency, and customer satisfaction in their supply chain processes.

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