

# Warehouse Management System: The Art Of Streamline Operations



# What is Warehouse Management System

- In today's fast-paced business world, managing a warehouse can be a daunting task.
- With so many moving parts, it can be challenging to keep track of inventory, orders, and shipments.
- That's where WMS comes in.
- A warehouse management system (WMS) is a software solution designed to streamline and optimize the operations of a warehouse.
- It helps businesses manage inventory, track orders, and improve overall efficiency.
- With a WMS, businesses can reduce errors, save time, and increase productivity.



# Key Functions Of WMS



- Tracking Inventory
- Layout Planning
- Labour Management
- Order Processing
- Analytics
- Paperless Documentation
- Reliable Customer Service
- Increases Productivity

# Benefits Of WMS

- Optimised Warehouse Space
- Visibility In Inventory
- Productive Labour
- Traceable Inventory
- Billing Management
- Integrated Shipping Solutions
- Improved Auditing and Security
- Enabling Automation
- Security and Data Privacy



# How WMS Enhance Warehouse Operations

- **Receiving and Put-Away:**
  - Real-time visibility of incoming shipments.
  - Efficient cross-docking and routing.
  - Automated data entry and barcode scanning.
  - Optimized put-away tasks for organized storage
  - Identify and verify shipments in real-time by scanning barcodes, RFID tags.
  - Mobile processes empower receiving staff to be more productive and accurate.

- **Inventory Management:-**

- Real-time Visibility
- Automated Replenishment
- Pick and Pack Efficiency
- Inventory Accuracy
- Inventory Analytics



- **Order Picking and Packing:**

- Guided pick lists and batch picking.
- Order consolidation and accurate packing instructions.
- Enhanced order accuracy through barcode scanning.
- Labeling and Tracking



- **Shipping and Delivery:**

- Generated shipping labels and reduced paperwork.
- Cost-effective shipping method and carrier selection.
- Real-time shipment tracking for customers.
- Automated order status notifications.
- Enhance your loading operations by optimising caravan space to reduce the number of caravans required and maximise efficiency.



- **Returns Management:**

- Streamlined returns authorization process.
- Accurate documentation and inspection of returned items.
- Efficient restocking or disposal decisions.
- Reporting for trend analysis and process improvement.

# Implementation Of WMS

- Handheld Mobile Computers
- Wearable Computers
- Ultra-Rugged Scanners
- Desktop Printers
- Industrial Printers
- Mobile Printers
- Labels And Ribbons
- Software integration
- Enterprise-Level Support



# Barcode Printers

- Desktop Printer :-
  - Printing Method
    - Direct Thermal
    - Thermal Transfer



- Industrial Printer :-
  - Printing Method
    - Direct Thermal
    - Thermal Transfer



# Handheld Mobile Computers & Scanners

- Handheld Barcode Scanners
- Ultra-Rugged Scanners
- Omni Scanner
- Fixed Mount Scanner
- Handheld Mobile Computers



# Labels and Ribbons

- Barcode labels and ribbons are essential components of barcode technology, playing a crucial role in data capture, identification, and tracking.
- Choosing a right label and Ribbon is important for getting a better print to reduce errors
- Labels and ribbons are essential for encoding and decoding data in the form of barcodes. This data can include product information, serial numbers, prices, and more.
- Environmental factors, such as exposure to extreme temperatures or outdoor conditions, can impact label and ribbon performance .Label Should be choose according to environment to ensure durability of label.

