

WMS

WAREHOUSE MANAGEMENT SYSTEM

Smarter Warehouse.
Stronger Supply Chain.



REAL-TIME
INVENTORY
VISIBILITY



STREAMLINED
OPERATIONS



IMPROVED
PRODUCTIVITY



INTELLIGENT
AUTOMATION



ACCURACY
YOU CAN TRUST



OPTIMIZE
EVERY MOVE



REDUCE
COSTS



MAXIMIZE
SPACE



DELIVER
EXCELLENCE

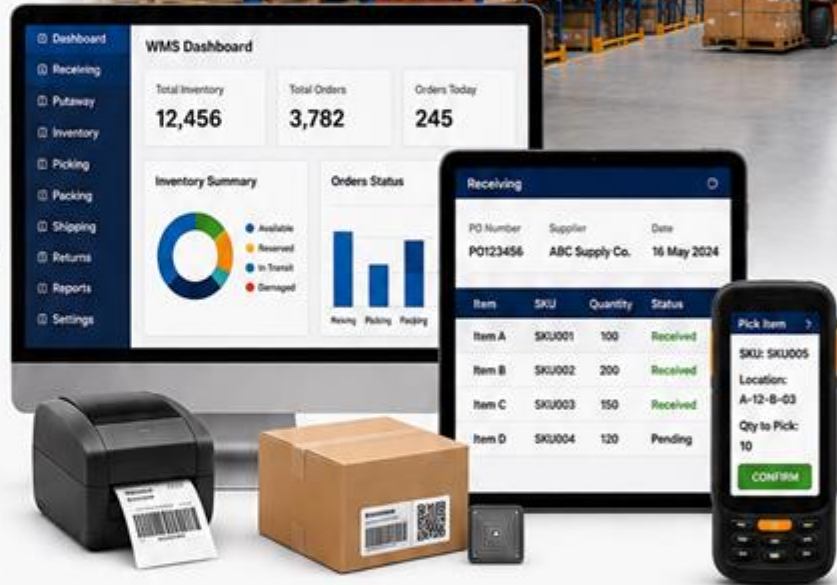
WAREHOUSE MANAGEMENT SYSTEM (WMS)



Brilliant WMS is an intelligent warehouse software designed to optimize inventory movement, warehouse operations, manpower productivity, and order fulfillment.



It provides complete visibility from **receiving to dispatch** while integrating with ERP, automation systems, barcode, RFID, and mobile devices.



KEY FUNCTIONS



RECEIVING



PUTAWAY



INVENTORY
MANAGEMENT



PICKING



PACKING



SHIPPING



CYCLE
COUNTING



REPLENISHMENT



RETURNS

BUSINESS CHALLENGES

TRADITIONAL WAREHOUSE PROBLEMS

Legacy processes and manual operations create bottlenecks, errors, and higher costs in warehouse management.



INVENTORY MISMATCH

Inaccurate inventory records lead to stockouts, overstocks, and dissatisfied customers.



MANUAL PAPERWORK

Time-consuming paperwork increases errors, delays and reduces productivity.



SLOW ORDER PROCESSING

Manual processes and lack of automation slow down order fulfillment and cycle time.



WRONG PICKING

Human errors in picking cause wrong shipments, returns and extra costs.



NO FIFO/FEFO

Not following FIFO or FEFO leads to expired goods, wastage and compliance risks.



LACK OF REAL-TIME VISIBILITY

No real-time insights into stock, orders and operations result in poor decision-making.



SPACE UTILIZATION ISSUES

Inefficient use of warehouse space leads to storage capacity constraints and increases costs.



HIGH MANPOWER DEPENDENCY

Heavy reliance on manual labor increases operational costs and reduces scalability.

WMS WORKFLOW



→ **SUPPLIER** • Supplier delivers goods to the warehouse.



→ **RECEIVING** • Goods received and recorded in the system.



→ **QUALITY CHECK** • Quality inspection ensures goods meet standards.



→ **PUTAWAY** • Goods are assigned a location and stored.



→ **INVENTORY STORAGE** • Products stored in designated locations.



→ **REPLENISHMENT** • Stock is replenished based on demand and inventory rules.



→ **ORDER ALLOCATION** • Orders are allocated based on availability and priority.



→ **PICKING** • Items are picked as per order requirements.



→ **PACKING** • Products are packed securely for shipment.



→ **DISPATCH** • Orders are dispatched and shipped to the customer.



→ **CUSTOMER** • Goods delivered successfully to the customer.



END-TO-END VISIBILITY

Real-time visibility across all warehouse operations.



IMPROVED ACCURACY

Reduce errors and ensure accurate inventory.



HIGHER PRODUCTIVITY

Optimize processes and improve workforce efficiency.



FASTER ORDER FULFILLMENT

Streamline operations for faster order processing.



COST OPTIMIZATION

Reduce operational costs and maximize warehouse efficiency.

ERP INTEGRATION

Seamless Integration. Unified Operations.

LEADING ERP SYSTEMS



REAL-TIME INTEGRATION



KEY BENEFITS

-  **Seamless Data Flow**
Eliminate manual data entry and duplication
-  **Real-time Visibility**
Accurate and up-to-date information across systems
-  **Improved Efficiency**
Streamlined operations and faster decision making
-  **Better Collaboration**
Unified data ensures better planning and execution
-  **Data Accuracy**
Reduce errors and ensure data consistency

INTEGRATION LAYER



CONNECTED ECOSYSTEM

Connect with leading ERP platforms effortlessly



FLEXIBLE & SCALABLE

Adaptable integration to your business needs



SECURE & RELIABLE

Enterprise-grade security for your critical data



FASTER IMPLEMENTATION

Pre-built connectors for quicker deployment



EXPERT SUPPORT

Dedicated support for smooth integration and operations

MULTIPLE PUT-AWAY / PICKUP ALGORITHMS & STRATEGIES

Intelligent Strategies. Optimized Operations.

PUT-AWAY STRATEGIES



RANDOM PUT-AWAY

Store items in any available location.



FIXED LOCATION PUT-AWAY

Store each SKU in a dedicated fixed location.



CLOSEST LOCATION PUT-AWAY

Store items in the nearest available location.



ABC BASED PUT-AWAY

Store high turnover (A class) items in prime & easy-reach locations.



FIFO / FEFO PUT-AWAY

Store items based on First-in-First-Out or First-Expire-First-Out method.



PICKUP STRATEGIES



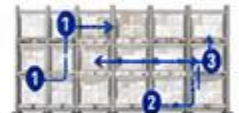
SINGLE ORDER PICKING

Pick one order at a time.



BATCH PICKING

Pick multiple orders at once for better productivity.



ZONE PICKING

Pick orders in specific zones to reduce travel time.



WAVE PICKING

Pick orders in waves based on time, priority or workload.



OPTIMIZED PICK PATH

System generates the most efficient route for picking.



KEY BENEFITS



Optimized
Space Utilization



Faster Operations
& Less Travel



Reduced Handling
Cost



Improved Accuracy
& Productivity



Better Customer
Satisfaction

YARD MANAGEMENT

OVERVIEW

Manage trucks from
Gate-In to Gate-Out.



WORKFLOW



FEATURES



RFID



ANPR



DRIVER
MANAGEMENT



DOCK
SCHEDULING



VEHICLE
TRACKING



APPOINTMENT
SCHEDULING

BENEFITS



**REDUCED
WAITING TIME**

Minimize truck
idle time and improve
yard efficiency.



**FASTER DOCK
UTILIZATION**

Optimize dock usage
and increase throughput
capacity.



**BETTER CARRIER
PERFORMANCE**

Improve communication,
transparency and overall
carrier satisfaction.



LAST MILE DELIVERY

OVERVIEW

Manage delivery planning and execution.



MODULES



ROUTE PLANNING

Optimize routes for efficiency and on-time delivery.



DELIVERY APP

Empower drivers with real-time updates and task management.



PROOF OF DELIVERY

Capture digital proof with signature, photo, and remarks.



GPS TRACKING

Track vehicles in real-time for better visibility and control.



CUSTOMER NOTIFICATION

Keep customers informed with real-time delivery updates.



REVERSE PICKUP

Seamlessly manage returns and reverse logistics.

PARCEL MANAGEMENT

PARCEL LIFECYCLE



FEATURES



BARCODE

Accurate scanning for seamless parcel handling.



RFID

Automated identification for faster processing.



WEIGHT CAPTURE

Capture accurate weight for every parcel.



DIMENSION CAPTURE

Measure dimensions for better space planning and pricing.



SORTATION

High-speed sorting for efficient and accurate distribution.



LABEL PRINTING

Generate and print labels quickly and accurately.



TRACKING

Real-time tracking for complete visibility and customer satisfaction.

LABOR MANAGEMENT

OVERVIEW

Optimize warehouse workforce.



FEATURES



TASK ALLOCATION

Assign tasks to the right people at the right time.



PERFORMANCE MONITORING

Track real-time performance and task progress.



ATTENDANCE

Track attendance with ease and accuracy.



PRODUCTIVITY

Measure productivity and identify improvement areas.



SHIFT PLANNING

Plan shifts efficiently to match demand and resources.

KPIs



UNITS PICKED

Total number of units picked by workers.



ORDERS COMPLETED

Total number of orders completed successfully.



IDLE TIME

Total time workers are idle or inactive.



TRAVEL TIME

Total time spent by workers in movement.



UTILIZATION

Percentage of productive time vs total available time.

3PL BILLING

OVERVIEW

Automated billing for logistics providers.



BILLING TYPES



**STORAGE
BILLING**



**HANDLING
CHARGES**



**PALLET
BILLING**



**SKU
BILLING**



**ORDER
BILLING**



**TRANSPORTATION
BILLING**



**VALUE ADDED
SERVICES**

BENEFITS



**AUTOMATIC
INVOICE**

Generate accurate invoices automatically based on actual operations.



**REDUCED
ERRORS**

Minimize manual errors and ensure billing accuracy.



**CUSTOMER-WISE
BILLING**

Generate and manage bills as per customer wise contracts and SLAs.



**REVENUE
VISIBILITY**

Get real-time insights into billing and revenue performance.

ORDER MANAGEMENT SYSTEM

ORDER LIFECYCLE



1. ORDER CREATION



2. ALLOCATION



3. INVENTORY CHECK



4. PICKING



6. DISPATCH



7. DELIVERY

FEATURES



MULTI-CHANNEL ORDERS

Capture orders from multiple sales channels seamlessly.



ERP INTEGRATION

Seamless integration with ERP for real-time data sync.



ORDER TRACKING

Track order status at every stage in real-time.



RETURNS

Easy return initiation and management process.

BENEFITS



FAST FULFILLMENT

Streamlined processes ensure quick order processing and on-time delivery.



INVENTORY VISIBILITY

Real-time visibility across locations helps in better planning and stock control.



REDUCED ERRORS

Automated workflows and validations minimize manual errors and improve accuracy.



CUSTOMER SATISFACTION

Accurate orders, timely delivery and transparent communication drive customer satisfaction.

INDUSTRIES WE SERVE

Empowering Every Industry with Smarter Warehouse Solutions



MANUFACTURING

Streamlining raw material, WIP and finished goods management.



RETAIL & E-COMMERCE

Faster order fulfillment and accurate inventory for enriched customer success.



3PL & LOGISTICS

End-to-end visibility and efficiency across complex supply chains.



PHARMACEUTICALS

Ensuring compliance, traceability and safety in storage and distribution.



FOOD & BEVERAGE

Managing perishable goods with FIFO/FEFO and batch traceability.



AUTOMOTIVE

Efficient parts management and just-in-time supply chain support.



ELECTRONICS

Accurate handling of high-value, sensitive components with full traceability.



FMCG

High-volume inventory management with speed and accuracy.



TEXTILE & APPAREL

Optimized inventory control across fabrics, garments and accessories.



CHEMICALS

Safe storage, handling and compliance with hazardous regulations.



STEEL & METALS

Managing bulky materials with location control and real-time tracking.



HEALTHCARE & MEDICAL DEVICES

Ensuring precision, compliance and availability of critical medical supplies.



One System. Every Industry.
Smarter Operations.
Better Results.



Tailored Solutions for
Every Business Need



Reliable. Scalable.
Future Ready.



Brilliant WMS

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Smarter Warehouse. Stronger Supply Chain.

SMARTER WAREHOUSE BETTER BUSINESS



REAL-TIME
INVENTORY VISIBILITY



STREAMLINED
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IMPROVED
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ACCURACY
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