

WHO ARE WE?

MS-Design
Great Solutions

MS-Design is a software development company offering a wide range of software development services and IT solutions

MS-Design can develop effective solutions to the most complex IT challenges

Year after year, **MS-Design** & its people shall be regarded as the best software development services company in the middle-east with adhering to the best business practices, top notch technologies & highest ethical values that reflect the highest standards of corporate and individual behaviour.

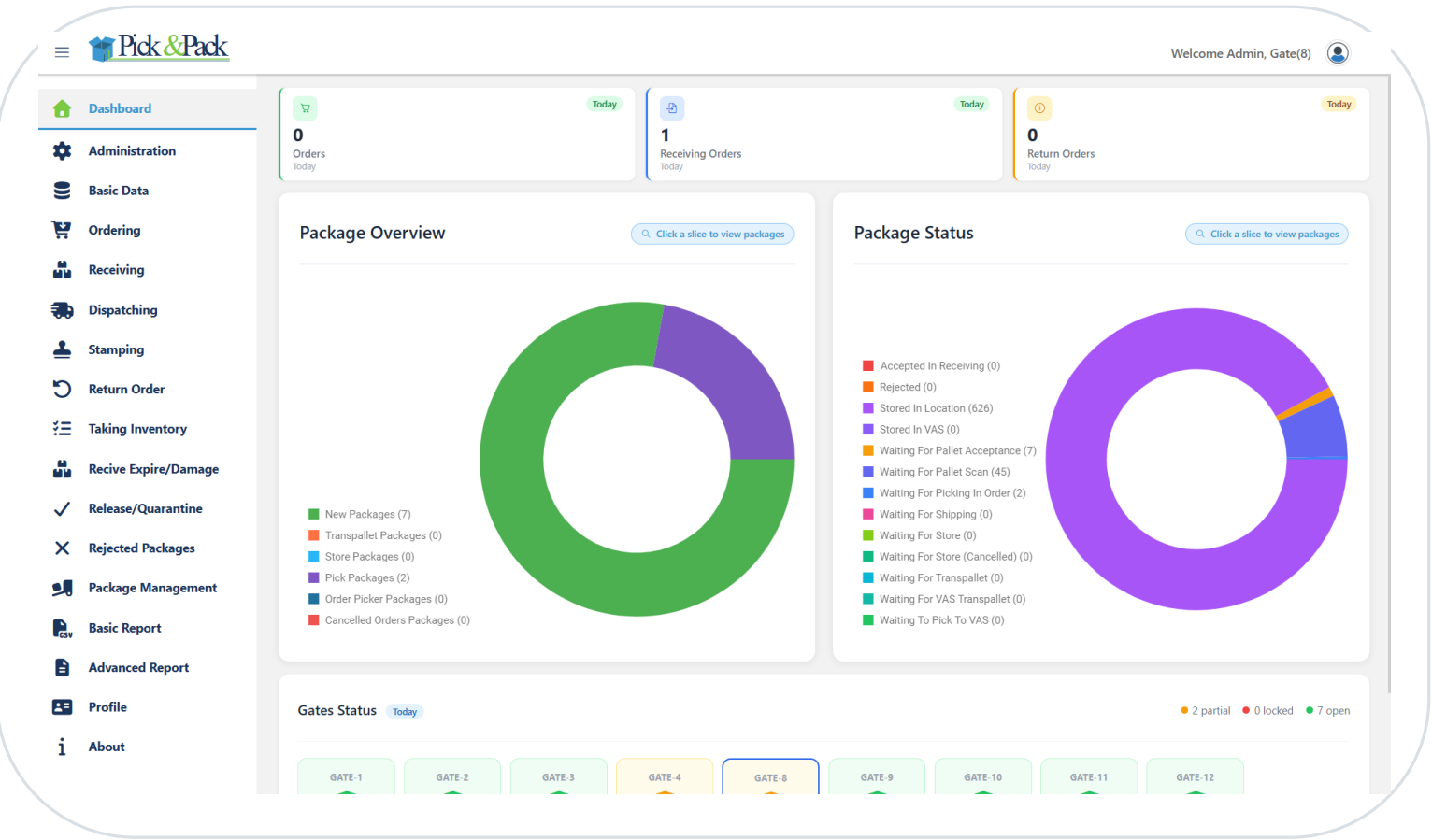
Having total commitment to these values, shaping the way we do business for our employees, our customers and our company.



TERMINOLOGY

Term	Definition
WMS	Warehouse Management System, which handles the products stock, products location, orders needed and all the other functionality needed to manage the warehouse (Infor, Oracle OR SAP).
WCS	Warehouse Control System, which handles the pick process, the sortation process and the packing process needed on the warehouse to prepare the downloaded orders from the WMS.
TRACK & TRACE	End-to-end recording of each package's barcode, status, location and movement history throughout the warehouse lifecycle.
3PL	Third-Party Logistics provider — an external partner given controlled, permissioned access to track and manage their own packages within the warehouse.

PICK & PACK SYSTEM



WAREHOUSE EXECUTION

Control every package.
Connect every process.

An end-to-end warehouse control platform for receiving, allocation, picking, dispatching, inventory, returns, quality operations and value-added services.

WEB • API • GATE • WORKSTATION • REPORTING

END-TO-END PROCESS COVERAGE

01 INBOUND

- Products Receiving
- Received Products Allocation

02 OUTBOUND

- Direct Order Picking
- Direct Order Dispatching
- Batch Picking for Waves
- Wave Orders Consolidation
- Wave Orders Packing
- Wave Orders Dispatching

03 INVENTORY

- Reallocation Optimization
- Products Movement
- Inventory Operation

04 QUALITY & VALUE-ADD

- Products Return
- Expiration / Damage
- Quarantine
- Sampling / Releasing
- Stamping

05 CONTROL

- Reports
- Track and Trace (Serialization)
- CPL – Owner Self-Service Ordering
- Audit Trail

PRODUCTS RECEIVING

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Pick & Pack Welcome Admin

Receiving Information

Owner: *
Select Owner

Reference number: *
Reference number

Release number:
Release number

Supplier invoice date:
Supplier invoice date

Supplier: *
Select Supplier

Driver name:
Select Driver

New Driver

Truck number:
Select Truck

New Truck

Receiving Line Information

Manufacturer: *
Select Manufacturer...

Show code ☐

Material: *
Select Material

Type: _

Fridge: _

Carton per pallet: _

Material per Carton: _

Change Qty Per Package

Quantity Received: *
1

Batch number: *
Batch number

Need Stamp ☐ Released ☒ Quarantine ☐

Select Quarantine Type

Expiration date: *
Expiration date

Preferred Area:
Select Area

Zone:
Select Zone

Level:
Select Level

+ Add

Import Receiving Data

Manufacture date:
Manufacture date

Note:
Note

Material	Manufacture Name	Fridge	Batch	Exp Date	Qty	R	Q	Stamp	Actions
No data									

+ Create

PROCESS 01

INBOUND

Create, validate and approve inbound orders before physical handling.

- ✓ Supplier, owner and order data in one controlled form
- ✓ Batch, expiry and quantity validation before acceptance
- ✓ Clear approval hand-off to the receiving team

RECEIVED PRODUCTS ALLOCATION

Pick & Pack

Dashboard

Administration

Basic Data

Ordering

Receiving

Dispatching

Stamping

Return Order

Taking Inventory

Recive Expire/Damage

Release/Quarantine

Rejected Packages

Package Management

Basic Report

Advanced Report

Welcome Admin, Gate(8)

+ Order Creation

Order Approve

Active Order Receiving (Gate 8)

Chlortetracycline HCL - ccw233

Tylosin Tartrate Granule - ferrew232

Lincomycin HCL - ndsod343

Receiver Line Information

Material: Chlortetracycline HCL Manufacturer Name: Harvest Pharma Fridge No: Drum Per Pallet: 12 Kilo Per Drum: 25 Quantity Received: 1021 Quantity Actual: 1021 Packages Count: 4

Batch Number: ccw233 Expiration Date: 05/09/2026 Need Stamp: Released Quarantine Type: Select... Edit

Receiver Line Packages

1



Pallet code: W-0000000789

Location: A-1-A-15

Drum: 12 Kilo: 0

Edit

2



waiting for pallet barcode...

Location: A-1-A-16

Drum: 12 Kilo: 0

Edit

3



Location: A-1-A-17

Drum: 12 Kilo: 0

Edit

4



Location: A-1-A-18

Drum: 4 Kilo: 21

Edit

New Package



Finish Receiving

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PROCESS 02

INBOUND

Assign received packages to the right pallets and warehouse locations.

- ✓ Live view of approved inbound orders
- ✓ Package and pallet handling supports traceable placement
- ✓ Location-aware allocation reduces misplacement risk

LIVE SYSTEM CAPTURE

MS-DESIGN SOFTWARE • PICK & PACK WCS • 06

RECEIVED PROCESS ON HANDHELD

The screenshots illustrate the 'RECEIVED PROCESS ON HANDHELD' workflow:

- HOME:** Main menu with options: New Package (7), Transpallet, Pick Package (2), Order Picker, Store Package, Cancelled Orders, Taking Inventory, Utilities, Expire Packages, and About.
- New Package:** Shows 'Scan Pallet' with barcode W-0000000951. Weight details: Drum 12.0, Kilo 0.0, Total Kilo 300.0. Package Info: Pallet: W-0000000951, Owner: Harverst Pharma, Product: Chlortetracycline HCL, Batch Number: ccw233, Expire Date: 2026-09-05, Status: WaitingForPalletAcceptance, Fridge Product: No, VAS Required: No. Destination: A-1-A-17. Buttons: Accept, Reject.
- Transpallet:** Shows 'Scan Pallet / Package Barcode' with barcode W-0000000951. Weight details: Drum 12.0, Kilo 0.0, Total Kilo 300.0. Package Info M-0000013303: Pallet: W-0000000951, Owner: Harverst Pharma, Product: Chlortetracycline HCL, Batch Number: ccw233, Expire Date: 2026-09-05, Status: WaitingForTranspallet, Fridge Product: No, VAS Required: No. Destination: Receiving (A-1-A-17). Button: SCAN AGAIN TO COMPLETE.
- Store Package:** Shows 'Scan Pallet / Package' with a barcode input field. A grid of destination buttons: A-1, A-10, A-11, A-12, A-13, A-14, A-15, A-2, A-3, A-4, A-5, A-6, A-7, A-8, A-9, EX-1, F1-1, F2-1.

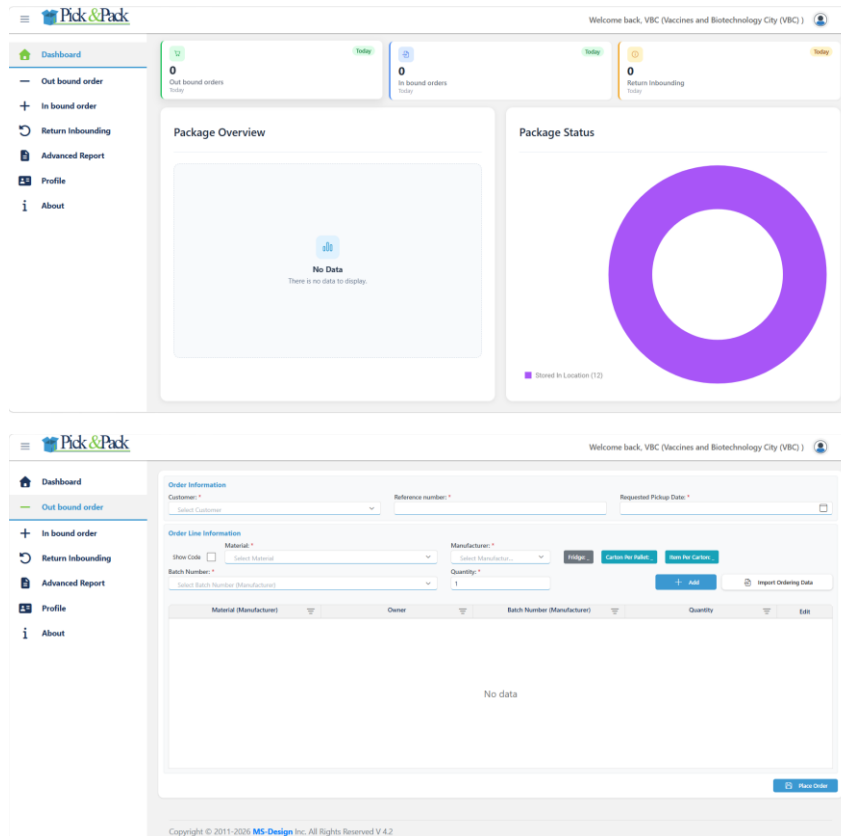
PROCESS 02

INBOUND

Handles every step of the process with barcode scanning.

- ✓ Every process step runs directly from the handheld device
- ✓ Barcode verification and validation at each step ensures accuracy
- ✓ Clear, guided screens make the process simple for the worker

OWNER SELF-SERVICE ORDERING



PROCESS 03

OUTBOUND • OWNER PORTAL

Let owners log in, request pickups, and track their own package status.

- ✓ Owners log in with their own account and view live package status
- ✓ Outbound requests are placed directly from the owner portal
- ✓ Every request reaches the warehouse team to approve, edit, or delete

DIRECT ORDER PICKING

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The screenshot displays the 'Order Creation' interface of the MS-Design Pick & Pack software. The interface is divided into a left sidebar with navigation menus and a main content area for order details.

Navigation Menu (Left Sidebar):

- Dashboard
- Administration
- Basic Data
- Ordering
- Receiving
- Dispatching
- Stamping
- Return Order
- Taking Inventory
- Recive Expire/Damage
- Release/Quarantine
- Rejected Packages
- Package Management
- Basic Report
- Advanced Report

Main Content Area (Order Creation):

Order Information:

- Owner: * Harvest Pharma
- Reference Number: * #23082026
- Release Number:
- Notes:
- Customer: * Raa Pharma
- Driver Name: Select Driver (New Driver button)
- Truck Number: Select Truck (New Truck button)

Order Line Information:

- Show Code: ☐
- Material: * Select Material
- Manufacturer: * Select Manufactur...
- Fridge: _ Carton per pallet: _ Item per Carton: _
- Batch Number: * Select Batch Number (Manufacturer)
- Quantity: * 1
- + Add button
- Import Ordering Data button

Material (Manufacturer)	Owner	Batch Number (Manufacturer)	Quantity	Edit
Chlortetracycline HCL (Pucheng Chai Tai Biochemistry Co., Ltd (Henan Chia Tai Biochemistry Trading Co., Ltd).)	Harverst Pharma	52601009	950	
Amoxicillin Trihydrate Powder (North China Pharmaceutical Group Semisynth Co., Ltd.)	Harverst Pharma	624080883	400	

Buttons: Order Creation, Order Approve, Place Order

Footer: Copyright © 2011-2026 MS-Design Inc. All Rights Reserved V 4.2

PROCESS 04

OUTBOUND • BIG ORDERS

Handle large orders through a controlled, direct picking flow.

- ✓ Order creation with owner, customer and material context
- ✓ Requested quantities validated against available stock
- ✓ Readiness tracked from creation to gate execution

DIRECT ORDER DISPATCHING

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Dashboard
Administration
Basic Data
Ordering
Receiving
Dispatching
Stamping
Return Order
Taking Inventory
Recive Expire/Damage
Release/Quarantine
Rejected Packages
Package Management
Basic Report
Advanced Report

Welcome Admin, Gate(8)

Orders - Gate (8)

Order #	Order Date	Customer	Owner	Status
sasa	23/08/2026	بي اس ام للصناعات الدوائية	Deltachem	Pending

Welcome Admin, Gate(8)

Order Information - Gate (8)

ORDER NUMBER: sasa
ORDER DATE: 23/08/2026 11:47 AM
DISPATCH TIME: 23/08/2026 11:48 AM
CUSTOMER: بي اس ام للصناعات الدوائية
OWNER: Deltachem
ORDER PICKER: Not Assigned
PACKAGES: 0 of 2

Order Lines & Details

Scan Pallet barcode to start shipping

Material	Batch Number	Total Quantity
LINCOMYCIN HYDROCHLORIDE EP11.6	LCM2-202509519	480

Package Code	Pallet Code	Retail Location	Total Quantity	Quantity Drum	Quantity Kilo	Is Package	Status
M-0000007677	W-0000001161		240	12	0	✓	PENDING
M-0000007676	W-0000001160		240	12	0	✓	PENDING

Reuse Pallet ☒ Refresh

Complete Other Packages Cancel Other Packages

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PROCESS 05

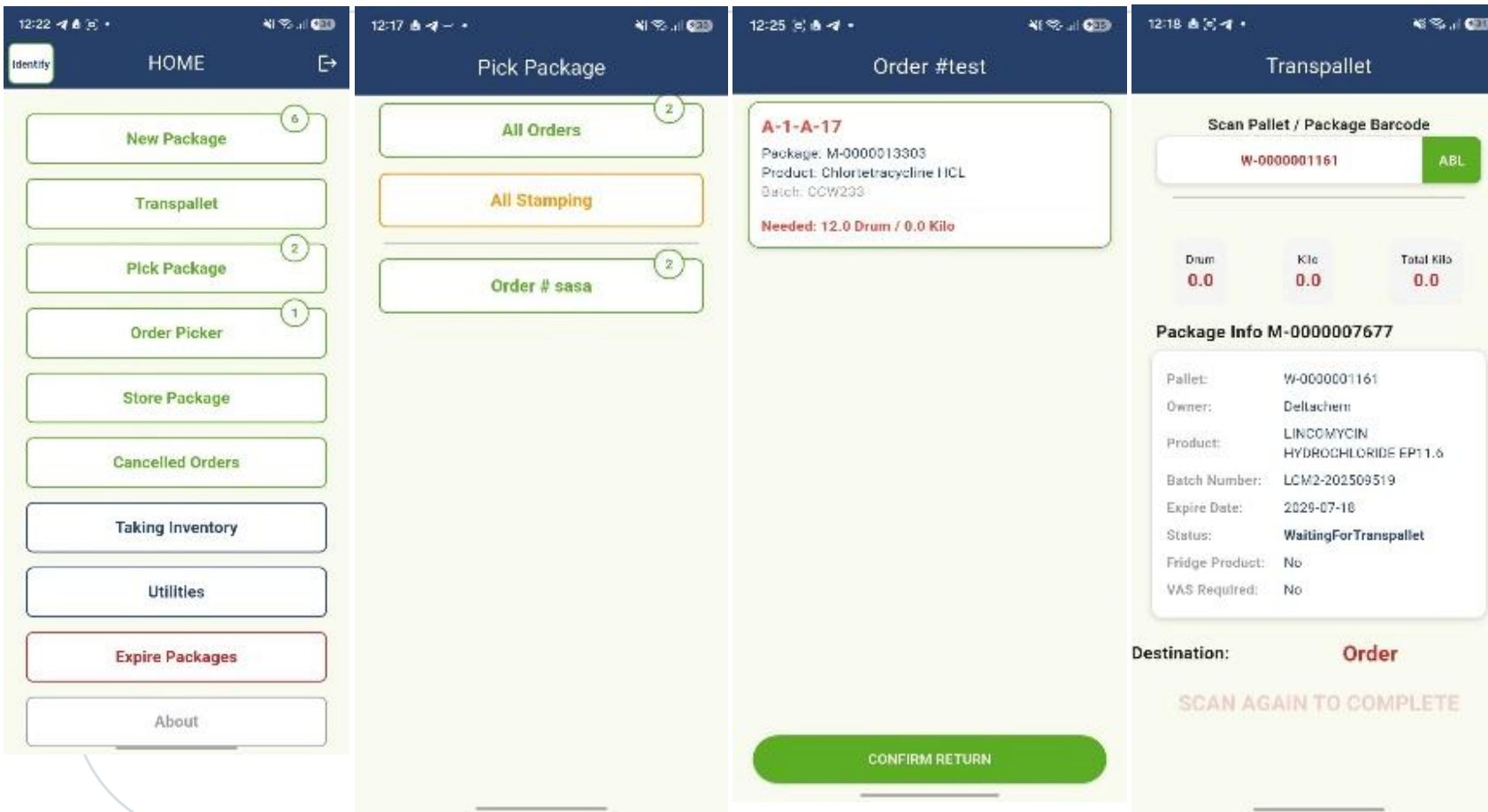
OUTBOUND • BIG ORDERS

Move completed direct orders through gate-controlled shipping.

- ✓ Central dispatch queue for outbound orders
- ✓ Gate assignment and operational status control
- ✓ Complete or partial shipping with traceability
- ✓ Wave orders are consolidated, packed, and released through this same gate-controlled flow

ORDER PROCESS ON HANDHELD

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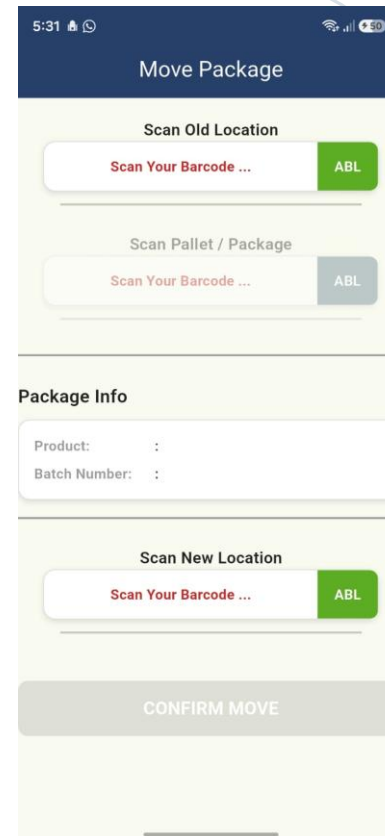
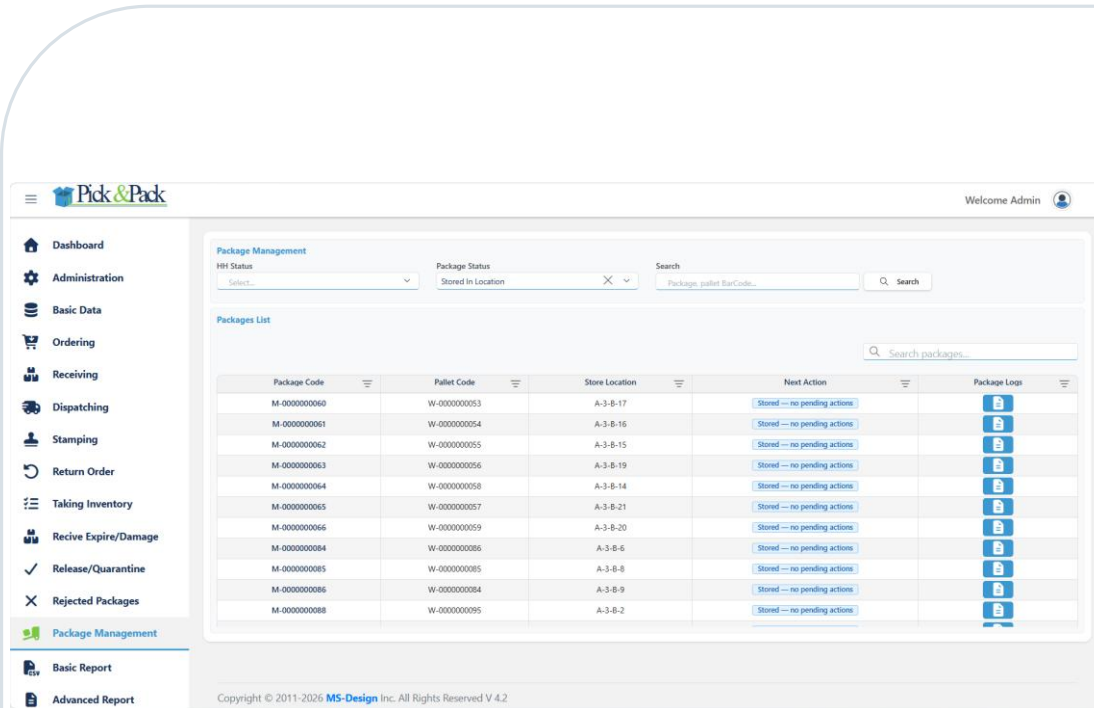
PROCESS 05

OUTBOUND • BIG ORDERS

Handles the full order picking process with barcode verification at every step.

- ✓ Order and pallet scanning confirm the correct pick every time
- ✓ Barcode verification and validation ensures accuracy before dispatch
- ✓ Simple, guided screens make picking fast and error-free for the worker

PACKAGE MANAGEMENT



PROCESS 06

INVENTORY CONTROL

Locate any package instantly, and move it with a full audit trail.

- ✓ Search any package or pallet by barcode to find its exact location
- ✓ Handheld move flow scans the old and new location to relocate stock
- ✓ Every move is logged for full identify-and-track traceability

INVENTORY OPERATION

Dashboard

Administration

Basic Data

Ordering

Receiving

Dispatching

Stamping

Return Order

Taking Inventory

Recive Expire/Damage

Release/Quarantine

Rejected Packages

Package Management

Basic Report

Advanced Report

MS-Design

Pick & Pack

Welcome Admin, Gate(8)

Taking Inventory

Search Inventories

Inventory Criteria

Inventory Name: *
Test Inventory

Inventory Comment:

Owner: *
Harverst Pharma

Material:
Select Material

Manufacturer:
Select Manufacturer

Search

Clear

Select All

Deselect All

Material Batches

	Batch No	Material	Manufacturer	Number of Packages	Expiration Date	Owner	Is Valid
☒	124022981	Amoxicillin Trihydrate Compacted	Liaoning Pharmaceutical Foreign Trade Corporation	1	01/01/2028	Harverst Pharma	✓
	Package Code	Zone Location	Is Package	Quantity Drum	Quantity Kilo	Quantity In Order	Used In Inventory
	M-0000000302	A-2-B-11	✓	2	0	0	✗
☒	124022981	Amoxicillin Trihydrate Powder	North China Pharmaceutical Group Semisynth Co., Ltd.	1	01/01/2028	Harverst Pharma	✓
☒	624080883	Amoxicillin Trihydrate Powder	North China Pharmaceutical Group Semisynth Co., Ltd.	2	01/07/2028	Harverst Pharma	✓
☐	624080981	Amoxicillin Trihydrate Powder	Infoark International Co. Limitd.	1	01/07/2028	Harverst Pharma	✓
☐	AP20260203	Apramycin Sulphate	Puyang Hotway Pharmaceuticals Co., Ltd.	1	15/02/2028	Harverst Pharma	✓
☐	AP20260204	Apramycin Sulphate	Puyang Hotway Pharmaceuticals Co., Ltd.	2	17/02/2028	Harverst Pharma	✓
☐	ccw233	Chlortetracycline HCL	Harverst Pharma	4	05/09/2026	Harverst Pharma	✗
	Package Code	Zone Location	Is Package	Quantity Drum	Quantity Kilo	Quantity In Order	Used In Inventory
		A-1-A-15	✓	12	0	0	✗

Start Inventory

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PROCESS 08

INVENTORY CONTROL

Plan and execute inventory counts without losing operational control.

- ✓ Count by area, zone, material or batch
- ✓ Compare system quantities with physical counts
- ✓ Searchable inventory history and reporting

PRODUCTS RETURN

⋮
Welcome Admin

- Dashboard
- Administration
- Basic Data
- Ordering
- Receiving
- Dispatching
- Stamping
- Return Order
- Taking Inventory
- Recive Expire/Damage
- Release/Quarantine
- Rejected Packages
- Package Management
- Basic Report
- Advanced Report

+ Return Order Creation
↻ Return Order Approve
📦 Active Return Order Receiving

Order Information

Order Reference: 🔍 Search

Receiving Information

Owner: *	Reference number: *	Release number:	Supplier invoice date:
Deltachem	weee		
Supplier: *	Driver name:	Truck number:	
Deltachem	Select Driver New Driver	Select Truck New Truck	

Receiving Line Information

Show code ☐	Material: *	Manufacturer: *	Type: ..	Fridge: No	Drum per pallet: 12	Kilo per Drum: 25	Change Qty Per Package
	Sulfachloropyrazine Sodium(Sulfaclozine Sodium)	Infoark International Co. Li...					
Quantity Received: *	Batch number: *	Need Stamp ☐ Released ☒	Quarantine ☐	Select Quarantine Type			
500	20250811						
Expiration date: *	Preferred Area:	Zone:	Level:				
02/08/2029	Select Area	Select Zone	Select Level				
Manufacture date:	Note:						
03/08/2025							

+ Add

Material	Manufacturer Name	Fridge	Batch	Exp Date	Qty	R	Q	Stamp	Actions
LINCOMYCIN HYDROCHLORIDE EP11.6	Infoark International Co. Limitd.	☐	202410502	29/09/2028	360	☒	☐	☐	✎ ✖
LINCOMYCIN HYDROCHLORIDE EP11.6	Infoark International Co. Limitd.	☐	202411545	22/11/2028	340	☒	☐	☐	✎ ✖

+ Create

PROCESS 09

REVERSE LOGISTICS

Manage returned products with or without an original invoice.

- ✓ Dedicated return-order workflow
- ✓ Batch, expiry, quantity and package details captured
- ✓ The same approval and receiving controls as inbound stock

EXPIRATION / DAMAGE ZONE

Pick&Pack

Dashboard

Administration

Basic Data

Ordering

Receiving

Dispatching

Stamping

Return Order

Taking Inventory

Recive Expire/Damage

Release/Quarantine

Rejected Packages

Package Management

Basic Report

Advanced Report

Welcome Admin

Receiving Information

Owner: *
Harverst Pharma

Reference number: *
test expire resiving

Release number:

Supplier invoice date:

Supplier: *
Harverst Pharma

Driver name:
Select Driver

New Driver

Truck number:
Select Truck

New Truck

Receiving Line Information

Manufacturer: *
Harverst Pharma

Show code ☐

Material: *
Select Material

Fridge: _

Drum per pallet: _

Kilo per Drum: _

Quantity Received: *

Batch number: *

Released ☒ Quarantine ☐

Select Quarantine Type

Expiration date: *

Manufacture date:

Note:

+ Add

Material	Manufacturer Name	Fridge	Batch	Exp Date	Qty	R	Q	Actions
Chlortetracycline HCL	Harverst Pharma	☐	ASASS	26/07/2026	1122	☒	☐	
Tylosin Base	Harverst Pharma	☐	12	04/07/2026	122	☒	☐	

+ Create

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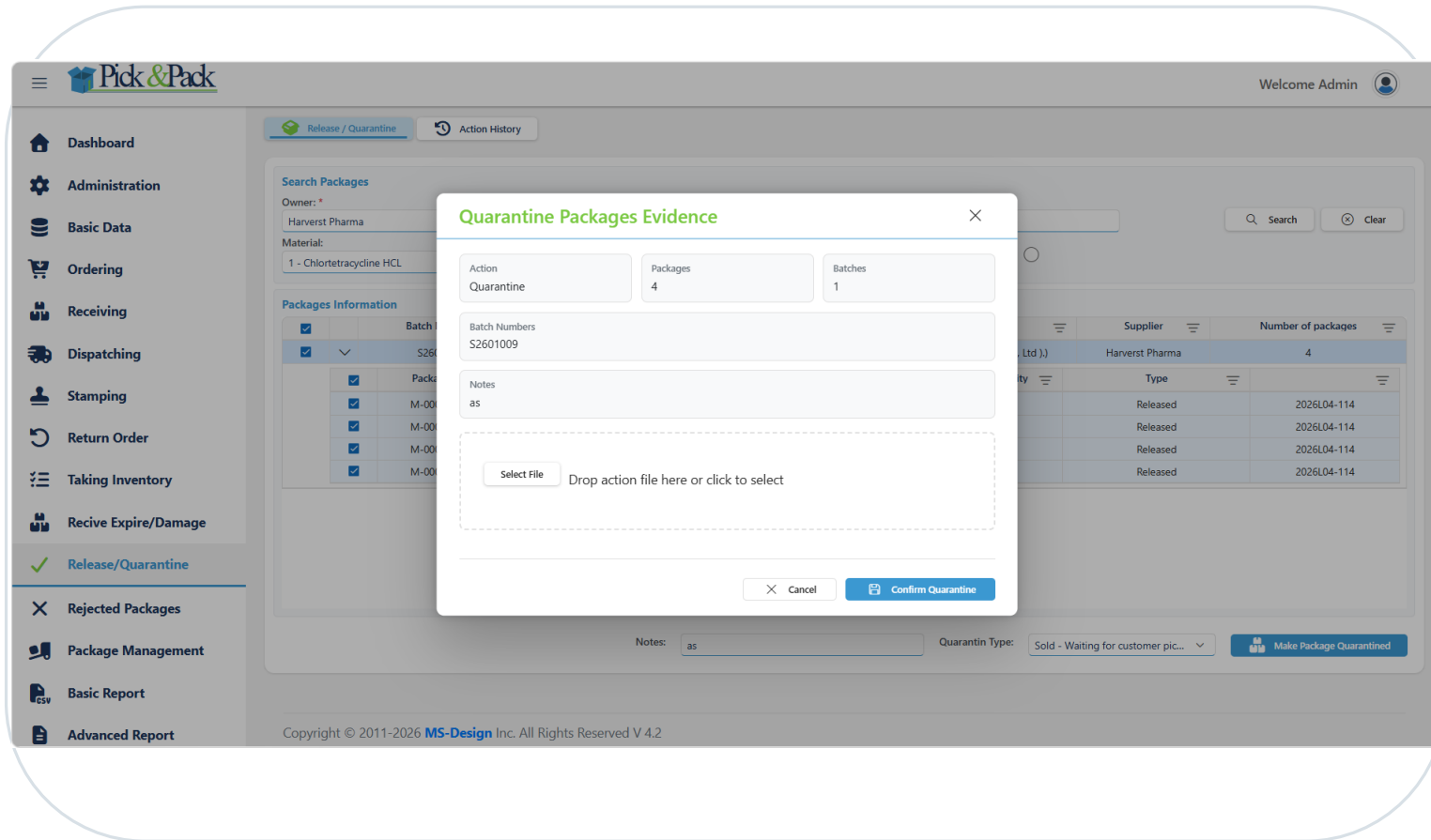
PROCESS 10

QUALITY CONTROL

Keep non-saleable stock separated from available inventory.

- ✓ Dedicated expiry and damage receiving workflow
- ✓ Reason and package details captured at entry
- ✓ Reduces the risk of accidental reuse

QUARANTINE ZONE



PROCESS 11

QUALITY CONTROL

Place suspect stock on hold with documented reasons and ownership.

- ✓ Search and select affected packages
- ✓ Quarantine type and notes captured with the action
- ✓ Immediate status control protects downstream operations

SAMPLING / RELEASING



4:50



Sample

Select Sample Reason

Ministry Of Health

comments

Scan Location

A-1-A-17

ABL

Scan Pallet / Package

Scan Your Barcode ...

ABL

☒ Add

☐ Take

-

1

+

CONFIRM

The screenshot displays the MS-Design Pick & Pack software interface. On the left is a sidebar with navigation icons and labels: Dashboard, Administration, Basic Data, Ordering, Receiving, Dispatching, Stamping, Return Order, Taking Inventory, Recive Expire/Damage, Release/Quarantine (highlighted in green), Rejected Packages, Package Management, Basic Report, and Advanced Report. The main window has a top bar with 'Release / Quarantine' and 'Action History' tabs. Below this is a 'Search Packages' section with fields for 'Owner' (DeltaChem) and 'Material' (Select Material). The 'Packages Information' table shows a list of packages with columns for Batch numbers, Packages, and Batches. A modal dialog titled 'Release Packages Evidence' is open in the center. It contains fields for 'Action' (Release), 'Packages' (4), and 'Batches' (1). Below these is a 'Batch numbers' field with the value 'ETH4-202605509'. There are 'Notes' and 'Notess' sections. A large dashed blue box contains a 'Select file' button and the text 'Drop action file here or click to select'. At the bottom of the dialog are 'Cancel' and 'Confirm Release' buttons. In the background, a table shows package details with columns for Supplier (DeltaChem), Type (Quarantined (Hold)), and Number of packages (4). The table lists several packages with their respective IDs and quantities.

PROCESS 12

QUALITY CONTROL

**Document inspection
outcomes and release
approved stock safely.**

- ✓ Release and quarantine actions from one workflow
- ✓ Searchable decision history
- ✓ Evidence-ready audit trail for compliance

STAMPING OPERATIONS

PROCESS 13

VALUE-ADDED SERVICES

Coordinate package transfer to value-added stamping operations.

- ✓ Identify eligible packages before processing
- ✓ Attach packages to the workstation workflow
- ✓ Track hand-offs before return to inventory or dispatch

The screenshot displays the MS-Design Pick & Pack WCS interface. The top navigation bar includes the 'Pick & Pack' logo and a user welcome message: 'Welcome Admin, WorkStation(Work Station #1)'. The left sidebar lists various system functions: Dashboard, Administration, Basic Data, Ordering, Receiving, Dispatching, Stamping (highlighted), Return Order, Taking Inventory, Recive Expire/Damage, Release/Quarantine, Rejected Packages, Package Management, Basic Report, and Advanced Report.

The main content area is divided into two sections. The top section, 'Stamping Search', contains search criteria: Owner (Harvest Pharma), Material (1 - Chlortetracycline HCL), Reference number, Manufacturer (Select Manufacturer...), and Batch Number. It includes 'Send to Stamping' and 'Start / Finish Stamping' buttons. The bottom section, 'Stamping Information', displays a table of stamping data.

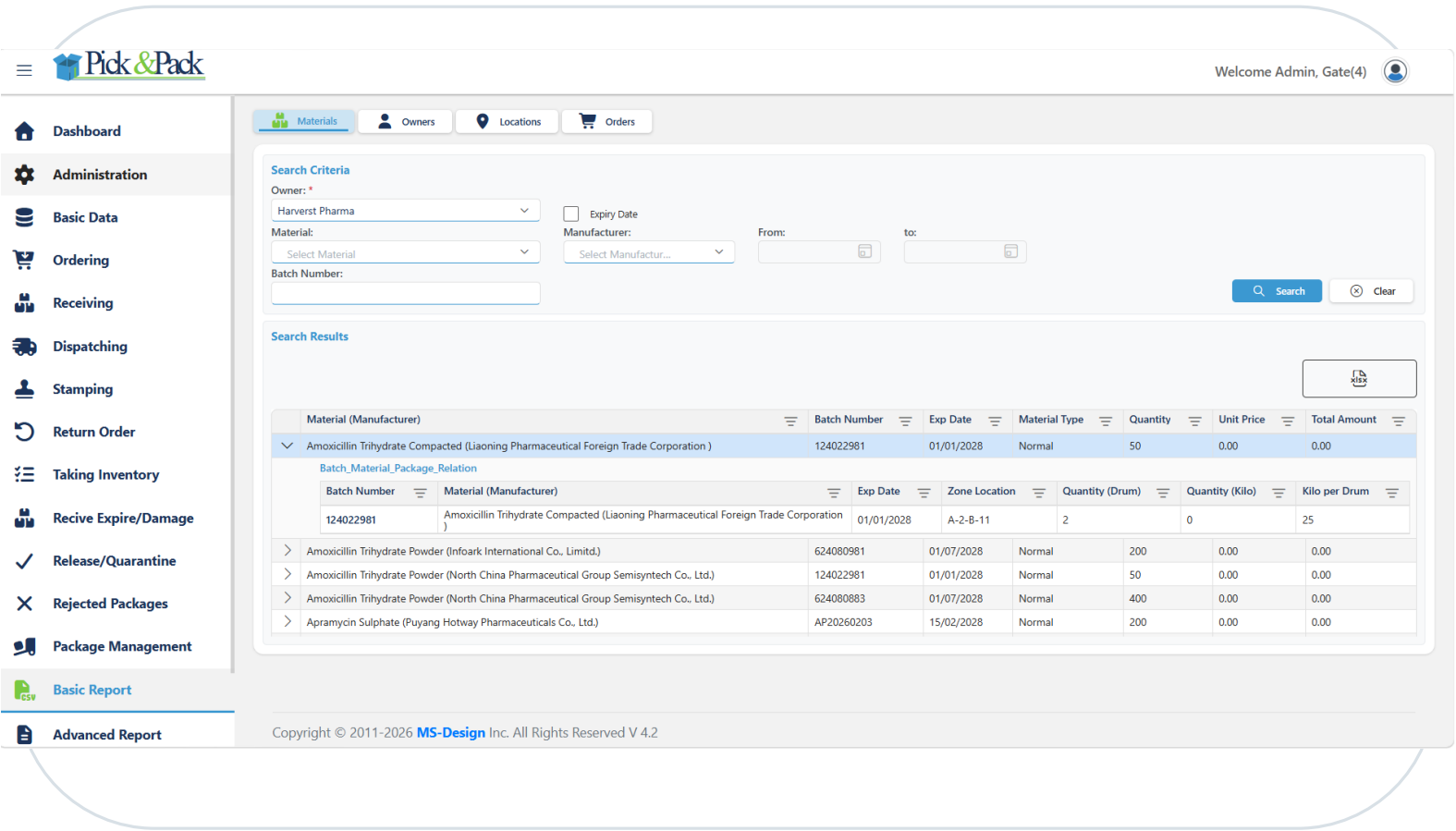
Batch Number	Material (Manufacturer)	Supplier	Number of packages
S2601009	Chlortetracycline HCL (Pucheng Chai Tai Biochemistry Co., Ltd (Henan Chia Tai Biochemistry Trading Co., Ltd.))	Harvest Pharma	4

Below this, a detailed table lists individual packages:

Package Code	Pallet Code	Zone Location	Quantity (Drum)	Quantity (Kilo)	Reference Number
M-0000010735	W-0000001324	A-2-B-34	10	0	2026L04-114
M-0000010736	W-0000001325	A-2-B-36	12	0	2026L04-114

The bottom section, 'Scan', prompts the user to 'Please scan the package / pallet barcode to assign it to the workstation...'. It contains two tables: 'Attached Packages' and 'Available Packages', both currently showing 'No data'. The 'Available Packages' table has columns for Batch Number, Material, Supplier, and Number of packages. The interface also includes a 'Start Stamping' button at the bottom right.

BASIC REPORTING



REPORTING 01

OPERATIONAL REPORTS

Search live warehouse data and turn results into export-ready operational views.

- ✓ Materials by batch, expiry, quantity, manufacturer and stock value
- ✓ Owner, order and location views expose fulfillment status and capacity
- ✓ Filter operational data and export detailed grids to Excel

ADVANCED REPORTING

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The screenshot displays the 'Pick & Pack' software interface. The top navigation bar includes a sidebar with icons for Dashboard, Administration, Basic Data, Ordering, Receiving, Dispatching, Stamping, Return Order, Taking Inventory, Recive Expire/Damage, Release/Quarantine, Rejected Packages, Package Management, and Basic Report. The main content area is titled 'Welcome Admin, Gate(4)' and features a 'Package Logs' report. The report parameters section includes filters for Owner (Harvest Pharma), Material (Select Material), Batch Number, and a checkbox for 'Include old package'. The report table shows columns for Batch Number, Material (Manufacturer), Owner Name, and Number of packages. The table lists several entries for Amoxicillin Trihydrate Powder and Apramycin Sulphate, with details on Package Code, Location, Quantity (Drum), and Quantity (Kilo). A 'Package Logs' button with a PDF icon is visible next to each entry. The footer of the interface shows the copyright notice: 'Copyright © 2011-2026 MS-Design Inc. All Rights Reserved V 4.2'.

Report Parameters

Owner: Harvest Pharma ☐ Include old package

Material: Select Material Manufacturer: Select Manufacturer...

Batch Number:

Package Logs

Batch Number	Material (Manufacturer)	Owner Name	Number of packages
124022981	Amoxicillin Trihydrate Compacted (Liaoning Pharmaceutical Foreign Trade Corporation)	Harvest Pharma	1
Package Logs			
M-000000302	A-2-B-11	2	0
124022981	Amoxicillin Trihydrate Powder (North China Pharmaceutical Group Semisynth Co., Ltd.)	Harvest Pharma	1
624080883	Amoxicillin Trihydrate Powder (North China Pharmaceutical Group Semisynth Co., Ltd.)	Harvest Pharma	2
624080981	Amoxicillin Trihydrate Powder (Infoark International Co., Limitd.)	Harvest Pharma	1
Package Logs			
M-000000287	A-2-C-20	8	0
AP20260203	Apramycin Sulphate (Puyang Hotway Pharmaceuticals Co., Ltd.)	Harvest Pharma	1
AP20260204	Apramycin Sulphate (Puyang Hotway Pharmaceuticals Co., Ltd.)	Harvest Pharma	2

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REPORTING 02

AUDIT & ANALYTICS

Investigate movement, stock value and accountability across the package lifecycle.

- ✓ Package logs drill into barcode, location, quantity and movement history
- ✓ Transactions, receiving history, store value, invoices and suppliers
- ✓ User activity, expiry and owner views support audit and compliance

WHAT MAKES PICK & PACK DIFFERENT



01

END-TO-END COVERAGE

One workflow from inbound receipt to outbound dispatch and reverse logistics.

02

PACKAGE-LEVEL CONTROL

Status, location and movement history remain connected to the package lifecycle.

03

ROLE-BASED EXECUTION

Admin, owner, gate and workstation experiences are separated by responsibility.

04

INTEGRATION-READY

Designed for system-to-system connections and hardware-agnostic integration — not locked to a specific hardware vendor, with built-in serialization support.

05 TRACEABILITY BY DESIGN

06 CONFIGURABLE OPERATIONS

ONE OPERATIONAL BACKBONE

**Less fragmentation.
More operational
confidence.**

The platform connects warehouse processes, people and package data in one consistent execution layer.

**BUILT FOR DAILY OPERATIONS — NOT JUST
REPORTING**

GENERAL FEATURES

01

SYSTEM-TO-SYSTEM

Connect WMS, ERP or partner platforms through the application layer.

02

HARDWARE CONTROLLERS

Integration model supports PLC and warehouse equipment scenarios.

03

DYNAMIC ACCESS LEVELS

Permissions and operational roles are configurable by responsibility.

04

POWERFUL REPORTS

Operational, inventory, package and user-activity reporting is built in.

05

3PL CUSTOMER ACCESS

Owner-specific workflows provide controlled external visibility.

06

AUDIT & VALIDATION

Audit trail and validation documentation support governed operations.

CONNECTED BY DESIGN

Software, people and equipment working as one system.

Flexible integration and access controls allow the solution to fit different warehouse models without losing governance.

WHY CHOOSE OUR APPLICATION



01 FASTER EXECUTION

Guided workflows reduce repeated hand-offs and manual coordination.

02 FEWER ERRORS

Validation and status controls reduce avoidable receiving, picking and dispatch mistakes.

03 BETTER INVENTORY CONFIDENCE

Package, batch, expiry and location context remain available across the lifecycle.

04 STRONGER GOVERNANCE

Permissions, action history and reports support accountable operations.

05 SCALABLE OPERATIONS

Multi-store, owner and configurable location structures support growth.

06 ONE PARTNER

Product engineering, integration, implementation and support from the same team.

WHY MS-DESIGN

Warehouse control expertise backed by real product delivery.

- ✓ 14+ years of WCS development and consultation experience
- ✓ Real web, API, reporting and workstation capabilities
- ✓ Local implementation context with enterprise engineering practices
- ✓ Support across discovery, integration, rollout and continuous improvement

A PRACTICAL PATH TO GO-LIVE

MS-Design
Great Solutions

01



02



03



04

DISCOVER

Map current warehouse processes, roles, interfaces and success criteria.

CONFIGURE

Set stores, locations, users, permissions, workflows and master data.

INTEGRATE & VALIDATE

Connect business systems and equipment; test priority scenarios and exceptions.

GO LIVE & IMPROVE

Train users, launch by process or site and improve from operational data.

START WITH THE HIGHEST-VALUE PROCESS — THEN SCALE ON THE SAME PLATFORM