

**WISE Logistics**

**WISE**

Royal 4 Systems



**An Inventory and Warehouse  
Management System (IWMS) for the Public Sector**

# COVID-19 is a crisis that will disrupt the public sector's supply chain, most notably in warehouse activities



Existing Inventory and Warehouse Management Systems (IWMS) will not be adequate for the current emergency brought about by the COVID-19 pandemic.

When the volumes or complexity of inventory handling increases rapidly, paper or spreadsheet based IMWS systems will be overwhelmed.

In this crisis, accuracy, control, best practices, and visibility to your inventory is no longer nice to have, it is a critical capability to meet and manage your agency's readiness.



# Poor Inventory and Warehouse Management System (IWMS) amplify deficiencies under stress



No clarity on damaged, excess, or shortages

Low customer service levels

Lack of return materials control

Lack of visibility to inventory

Difficulty in locating items

No real time updates

Slow reaction time to changing conditions

Lack of the ability to forecast demand for items

Hidden or hoarded inventory within departments



No reporting or query functions for inventory

Stock discrepancies

Inability to Allocate items in short supply

Low inventory accuracy

Too many staff, too much Administrative Overhead

Redundant wasteful processes

Manual or duplicate entry of data

Reliance upon spreadsheets or outdated systems

Lack of documented processes

# Agencies have new of demands on their Inventory and Warehouse Management System



It is more important than ever that you know in real time:

- Everything that you have in stock
- How many of each item you have
- Where items are located in detail and;
- What the condition the items are in

This is an ongoing requirement and will make the difference between success and failure in meeting the agency's obligations during the coming months or years.

You can no longer operate with limited or outdated information about your inventory in a dynamic, unpredictable environment subject to potential nationalizations of critical materials, rationing, or strict allocation policy.

# Royal 4 has an IWMS) that can meet all your current and potential conditions for inventory handling



- Royal 4 has products to meet the needs of public sector clients providing Inventory and Warehouse Management (IWMS) control software for over 30 years. Over 400 customers needed for a powerful, comprehensive, and capable system based on best practices that can be quickly and affordably deployed in a hosted environment.
- Since 1984, we have created systems and solutions to manage warehouses, local and/or remote storage facilities, vehicles, and sites with a state-of-the-art real time inventory application based on bar code and smart device technology across any number of departments or jurisdictions.



# 30 Years of IWMS Experience around the World



## Some Federal, State, and Local Public Sector Clients

US State Department  
US Department of Energy  
Harris County TX  
Los Angeles World Airports  
Montana Department of Corrections  
District of Columbia  
City of Long Beach, CA

## Inventory Types

Food  
Pharmaceuticals  
Materials  
Operational Supplies  
IT and Mobile Assets  
Equipment

## Commercial IWMS Clients

### Wide Ranging Experience

Four hundred customers - Six Continents



# The return on investment numbers for IWMS are well known and documented by our customers



1. Reduced Administrative Overhead  
48-percent decrease in resource overhead
2. Increased Accuracy and Quality of Information  
5.4 level sigma inventory accuracy (99.8%)
3. Reduced obsolescence  
50 percent less material loss or waste
4. Increased Fulfillment Accuracy  
98 percent first-time inventory fill rate
5. Reduced Direct and Indirect Costs  
42 percent decrease in operating costs

Resources may be reallocated to other areas or tasks with more direct benefits

# What WISE Logistics IWMS will do for your agency



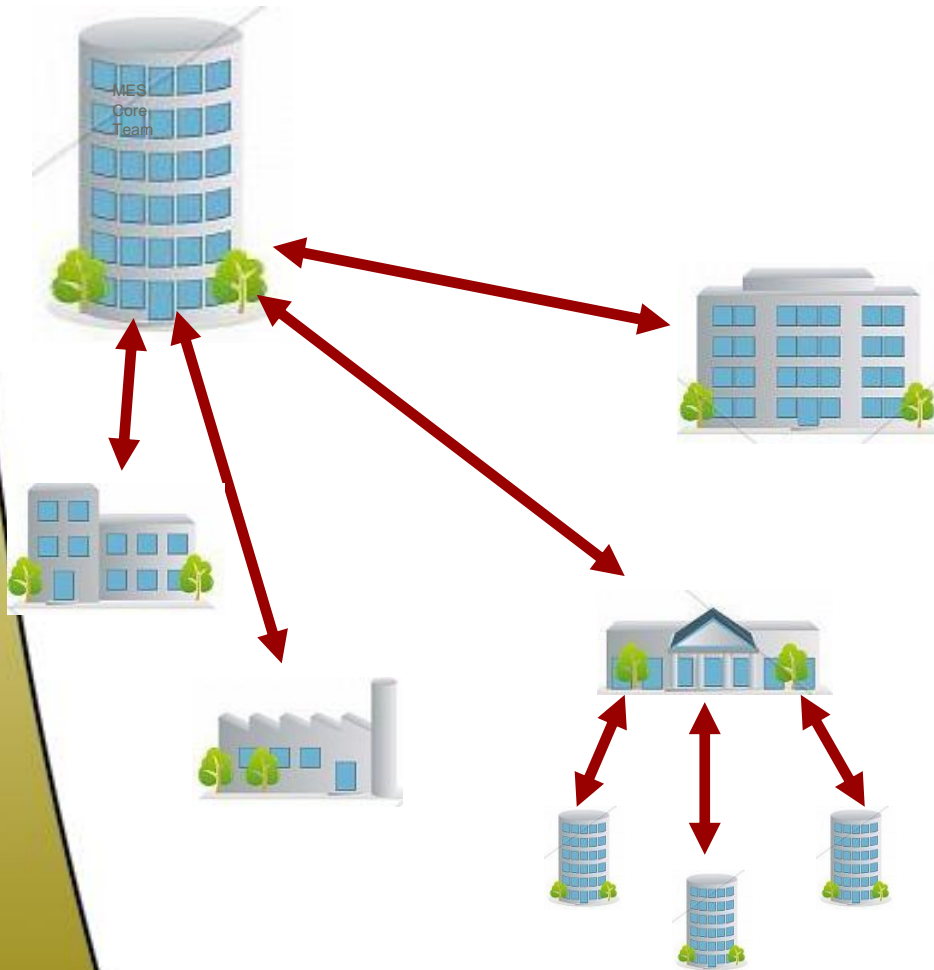
- **WISE Logistics** is offered as a Software As A Service (SAAS) so implementation is simple and fast. No local servers or complex infrastructure is required. Simple existing connection to the IWMS service via the internet from desktop PC"s, laptops, tablets, smart devices, or smart phones.
- Fast deployment, immediate visibility, control, accuracy, and governance for every inventory item moving or stored throughout your agency is available.
- You will know what you have, where it is, what quantities are available for use, and their condition and suitability. This critical knowledge will now be at your fingertips for decision making and planning.
- No set of processes offer a better opportunity for immediate cost reductions and improved efficiency than bringing automated, paperless logistics to the administration of physical materials, supplies, and assets. Lean logistics offers the ability to free up cash, reduce inventory carry costs, and eliminate significant indirect costs associated with materials, supplies, and assets logistics.



# WISE Logistics Creates a Uniform Approach Across Facilities where inventory is received or stored



## Centralized Administration – Departmental Participation



### Center of Excellence (COE)

**Roll Up Data – Federated Configuration**  
Each department functions separately and can stand alone

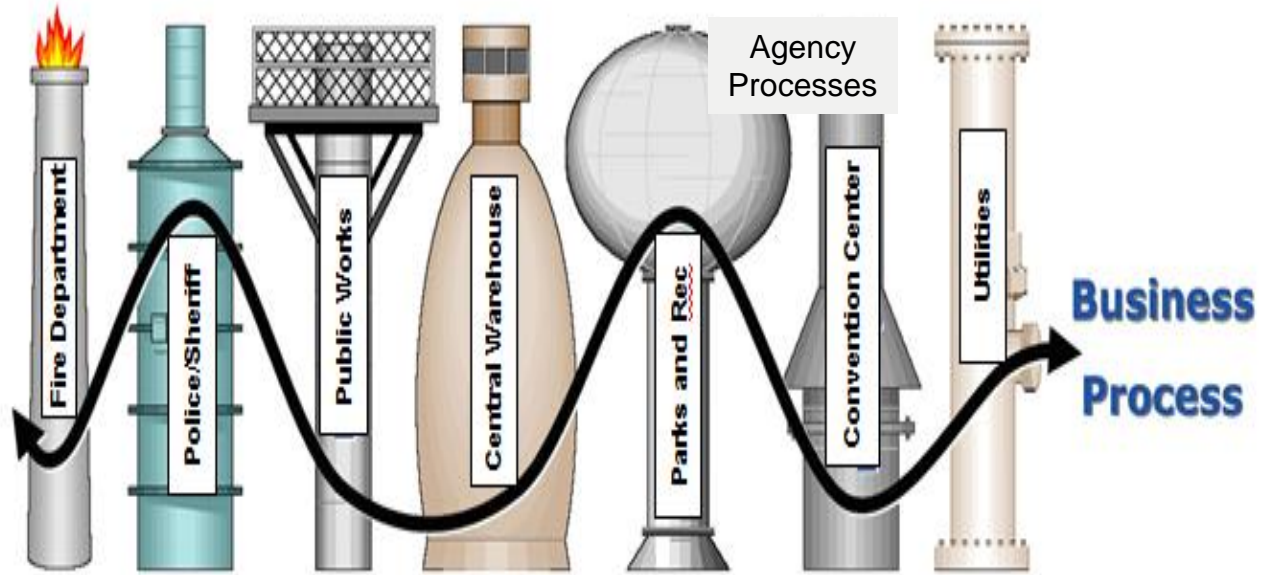
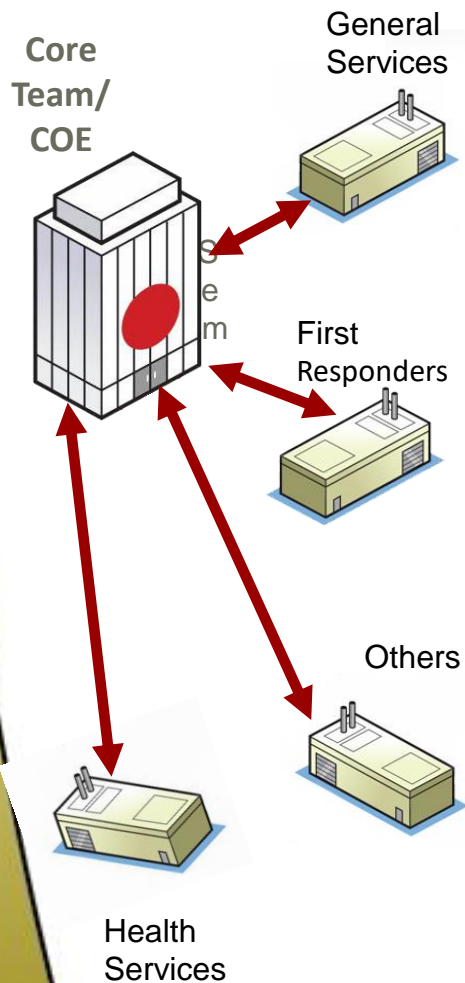
### 24/7/365 Operations

No down time  
High performance  
Scalability from 1 to 1,000's of users

### Implementation

Fast  
Simple  
Remote

# WISE Logistics provides for each department to have a separate inventory system with central roll up for reporting



Inventory Management May Be Standardized Across All Departments

# WISE Logistics – Feature Set



- **WISE Logistics provides an agency with:**
  - **One Integrated IWMS for Materials, Supplies, and Assets**
  - **Attributes for any unique Material, Supply, or Asset characteristic**
  - **Replenishment scenarios within or across departments**
  - **Built in, configurable, receiving, storage, and movement rules**
  - **Dynamic Cycle Counts eliminates the need for taking an Annual Inventory**
  - **Global Web Access allows access where no RF coverage may exist**
  - **Visibility - reports and queries with security controls at every level of operation**
  - **Real Time tracking and tracing of hazardous or toxic materials**
  - **Lot, Mfg Code, Date, and Serial Number Control by Item and Vendor**
  - **English based rules and operational characteristics**
  - **Material and Supply Synchronization from vendor to the departmental end user**
  - **Engineered Labor Standards for measuring performance**

# Highlights of WISE Logistics IWMS



- **The Software Product – WISE Logistics**
  - Receiving, put away dynamic bin/shelf locations, inventory management, picking, packing, shipping, aging, alerts, allocations of short items, routing, physical /cycle counts, RF, Barcode, mobile devices, signature capture, planning, and demand forecasting.
  - Quick cloud-based installation in the GovCloud region at Amazon Web Services (AWS) for completely secured data, applications, and users.
  - Instantly provides value with full real-time operational capabilities, reporting, auditing, and query functions

# Installation/Implementation



- **WISE Logistics** is implemented remotely.
- No local servers or specialty infrastructure are required
- At the agency, just an internet connection and browser is needed
- Royal 4 Systems does Work-at-Home, Stay-at-Home implementations
- No onsite meetings or travel required to install, configure, or train staff
- Compliant with social distancing directives
- Low agency overhead to install, a single agency administrator
- Simple pricing, annual service with renewals
- Multiple agency departments supported
- 30-day implementation and training to bring the system live

# Where will your data be held?

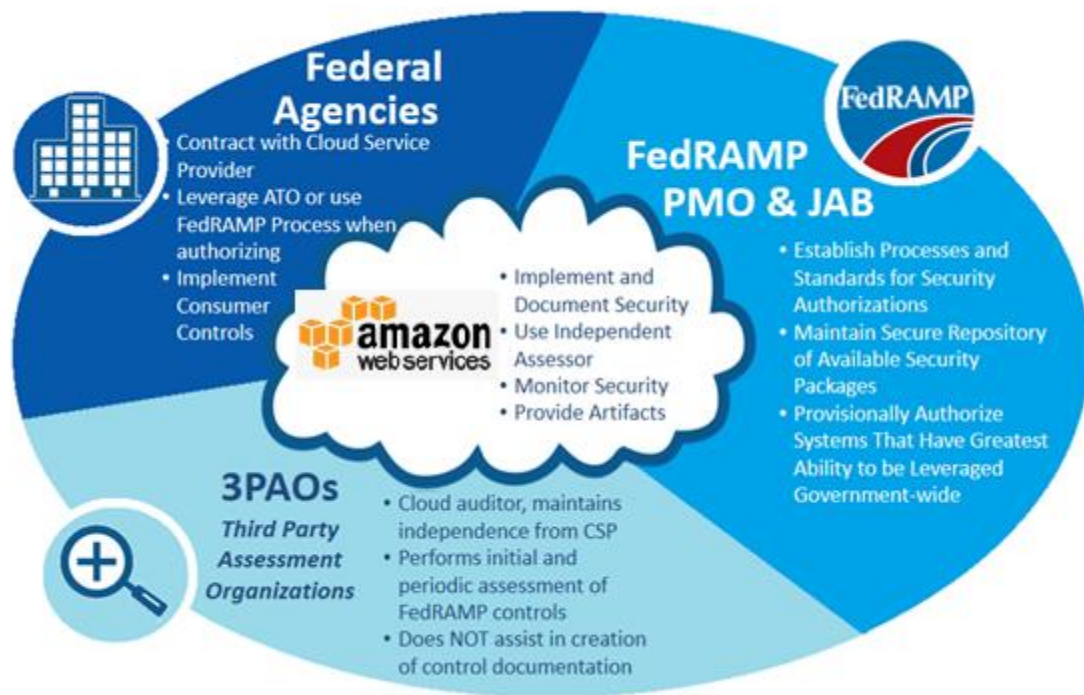
## Cloud Deployment - AWS GovCloud FedRAMP



**WISE Logistics** is deployed at Amazon Web Services (AWS) GovCloud region under Federal Risk and Authorization Management Program FedRAMP.

FedRAMP compliance virtually eliminates risk and provided the most secure environment that can be offered for hosted data.

FedRamp is the only place Federal agencies may place their data in the cloud. All data and code is held in the continental US and only US citizens have access to the hosted application.



# How much does the WISE Logistics IWMS Cost?



- **Special Pricing for the Public Sector**
  - **SAAS application and costs are based on:**
    - **Implementation, Configuration, and Training**
    - **Annual Subscription for the Hosted Software**
  - **Implementation**
    - **Standard Installation, configuration, and training**
    - **Usually less than \$10,000**
  - **Hosted Software**
    - **Based on Concurrent Licensing Model**
      - » **Small Agency – Approximately \$1,000 per month**
      - » **Medium Agency – Approximately \$1,500 per month**
      - » **Large Agency – Approximately \$2,000 per month**
  - **Hardware – Dependent upon the number of devices and infrastructure**
  - **Standard Contract –**
    - **Short Duration – Initial Year plus annual renewals**
    - **Fixed pricing for the life of the contract**
    - **Cancel contract at any time after initial year**
    - **Return of all agency records, data, and documentation upon cancellation**
    - **Complex implementation are quoted time and materials**

# WISE Logistics – Outcomes



1. Eliminate 90+% of the *Data Collection* and *Administrative Effort* in the receipt, movement, storage, retrieval, and shipping of materials and products
2. Reduce errors and establish a 99.9+% accuracy rate for materials and products that are handled
3. Track operations in real time for Good Decision Making
4. Unlimited Scalability
5. Reduced Operating Costs
6. Improved Customer Service
7. Structured Operations
8. Complete Flexibility Over Time
9. Keep it Simple to Use and Manage
10. ATM Model for the End User

## Target Benchmarks

- Supervisory 10-40% increase in productivity
- Material handling 10-25% increase in productivity
- Equipment productivity 10-30% increase
- Outbound productivity 16-30% increase
- Clerical 40-90% increase in productivity
- Outbound productivity 16-30% increase
- Equipment maintenance cost reduction 5-44%
- Storage space reductions 10-40%



# WISE Logistics SAAS means quick ramp to value



## Immediate benefits

- High-powered Inventory Management Capabilities at your fingertips
- Visibility: what you have, how much, where it is, and it's condition
- Speedy Implementation and Deployment
- Reduce resources required for their release to more productive work elsewhere
- Best practices imbedded in the system
- Low or No Impact to your overworked IT staff – Just an Internet Connection
- Hosted at a secure location (Amazon Web Services (AWS) GovCloud with FedRamp
- Support any number of mobile and remote users – Add or subtract users at will
- Substitutes Upfront Investment for Annualized Payments in times of budget impacts
- Short Term License Contracts Conform to Public Sector Needs
- Re-evaluate needs annually with no long-term commitment or price increases
- Meet the demand placed upon state and local government for compliance to evolving Federal Compliance requirements

## How to get started



- We invite you to learn more. Royal 4 Systems has over 30 years providing IWMS systems to the public and private sector clients. Our public sector clients span a wide variety of usage and our extensive experience in delivering successful systems can be validated by our extensive reference accounts.
- A small investment in time may provide you with a wealth of knowledge. Join us in an informative webinar to see how **WISE Logistics** will meet your needs and determine if this can provide the level of support to meet the new demands for management, visibility, control, and accuracy for you inventory data.
- To better understand how **WISE Logistics** provides best practices in inventory management, we invite you to visit our website for more information and to request a proposal:

**<https://www.royal4.com/government/>**

**WISE Logistics**

**WISE**



Royal 4 Systems



**Product Design Features**

# WISE Logistics Addresses Three Process Groups



## **1. Inbound Processes**

- Receiving Goods
- Advanced Shipping Notices (ASN) Expected Receipts
- Quality/RMA for Damaged Goods / Return Materials Tracking
- Quality Processing
- Put Away to Storage
- Bar Code Labeling

## **2. Holding, and Storage Processes**

- Physical and Cycle Counting
- Moves
- Repackaging
- Replenishment
- Allocations

## **3. Outbound Processes**

- Picking
- Allocations
- Pack/Delivery
- Check Out
- Loading
- Delivery

# Public Sector WISE Logistics



## WISE Logistics can:

1. Manage all processes, in a single automated, centralized system with segmented databases for individual departments or divisions
2. Provide complete management and control governance for all materials, supplies, mobile, and controlled assets in central or departmental locations
3. Builds 99%+ inventory accuracy for Financial Reporting Systems
4. Eliminates paper-based manual data entry for material management
4. Error-proofing the handling of hazardous, restricted, dangerous materials, or food products
5. Create a real-time inputs for receiving, storing, moving, and accounting for materials, supplies, mobile and controlled assets

# Royal 4 Customers Invest in Inventory and Warehouse Management System (IWMS) Software



**Royal 4 customers decided to automate because they were experiencing:**

- Additional Complexity
- Increased Lines Per Invoice
- Picking Errors – Order Errors
- Shipments were Late or Delayed
- Fill Rates are Low or Falling
- Order Volume was Rising
- Variety or Number of SKU's was Rising
- Customer Service was Low or Falling
- Inventory Accuracy was Low or Falling
- Compliance Cost was High or Rising
- Error Rates on Orders were High or Rising
- Allocations became Necessary or Mandatory
- Dock to Stock Cycle Times were Long

# Why is an IWMS important?



## **WISE Logistics is designed to:**

Deliver *tangible savings* in the logistics of materials, supplies, and assets

Provide *accurate data* for proper governance and financial reporting

Maintain *quality information* about the materials, supplies, and assets owned, their location, status, condition, and disposition in real time

*Manage and control* expenses and overhead costs

## **WISE Logistics does this by:**

Efficiently managing and tracking the flow of materials, supplies, and assets within an individual department or across the entire agency through automatic entry.

Eliminate manual data entry, forms, slips, and documents used to enter and update the status of Materials, Supplies, and Assets the agency uses in day to day operations.

Maintaining the accuracy and integrity of information for the production of financial reports and statements.

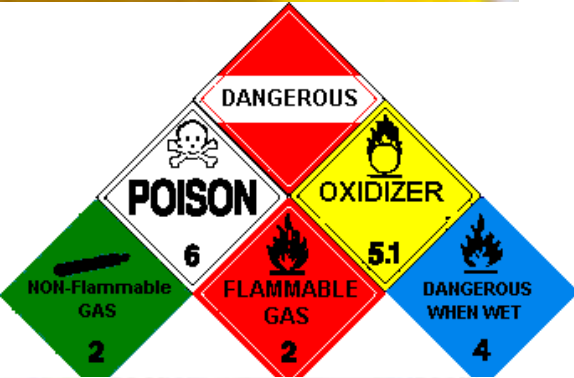
# Achieving Best Practices – Embedded in the Software License



Measure	Best Practice	What This Means
On Time Shipments	99.8%	Executing shipments on time means that less than 2 shipments per thousand are late. Create <b>confidence</b> that you are prepared, ready, and able to meet the demands of your constituents.
Order Picking Accuracy	99.9%	Only 1 pick per thousand has an error. Speed means nothing if you are not accurate. Errors increase workload ten-fold when extra resources are used to reconcile problems
Location Utilization	92%	Space is expensive.
Annual Workforce Turnover	2.8%	In a period of high demand, workers may leave taking their knowledge of operations with them.
On Time – Ready to Ship	99.9%	1 Order per thousand is not ready to ship on time and staging functions are automated
Peak Warehouse Capacity	>= 100%	At peak workload time, storage location may exceed the maximum capacity
Fill Rate – Line Item	99.8%	Orders may be immediately filled and when short of inventory, the systems allocates orders
Dock to Stock Cycle Time	<2.3 hours	Receiving takes less than 1/3 of the time when automated
Inventory Accuracy Location	>= 99.8%	2 items per thousand cannot be found on the first look
Fill Rate - Orders	99.83%	Less than 2 orders per thousand cannot be filled on the first pass



# WISE Logistics Supports Unique Requirements



- **Management**
  - Tracks Department-Specific Materials and Supplies
  - Receives expected receipts from ERP
  - Communicates receipts, moves, transfers to ERP
- **Requisitioning/Catalog**
  - Order of materials and supplies based on actual and forecasted consumption,
  - Allocations and Cycle Management
- **Governance**
  - Complete Management, Visibility, and Control
  - Audit Support for Controlled Materials
  - Reduced Errors, Omissions, Liability
  - Expiration and Recall Management
- **Special Handling**
  - Hazardous Materials
  - Environmentally Sensitive

**WISE Logistics**

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**Product Overview**

# Process Flow

Vendor or other location

Receive

QC

Put Away

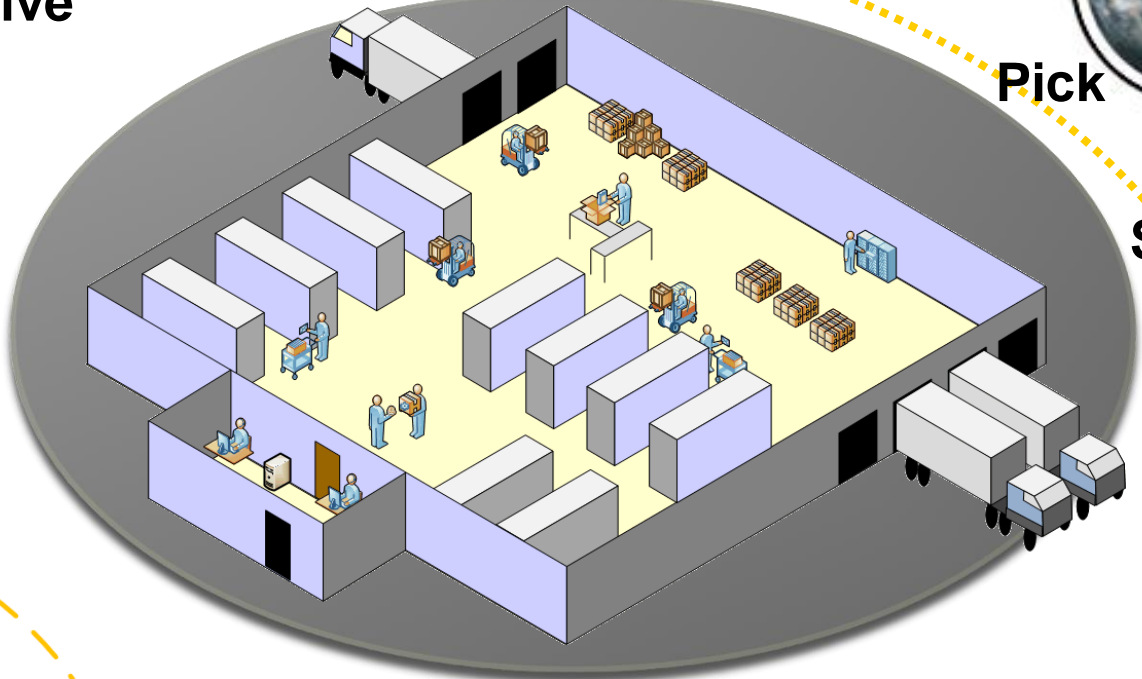
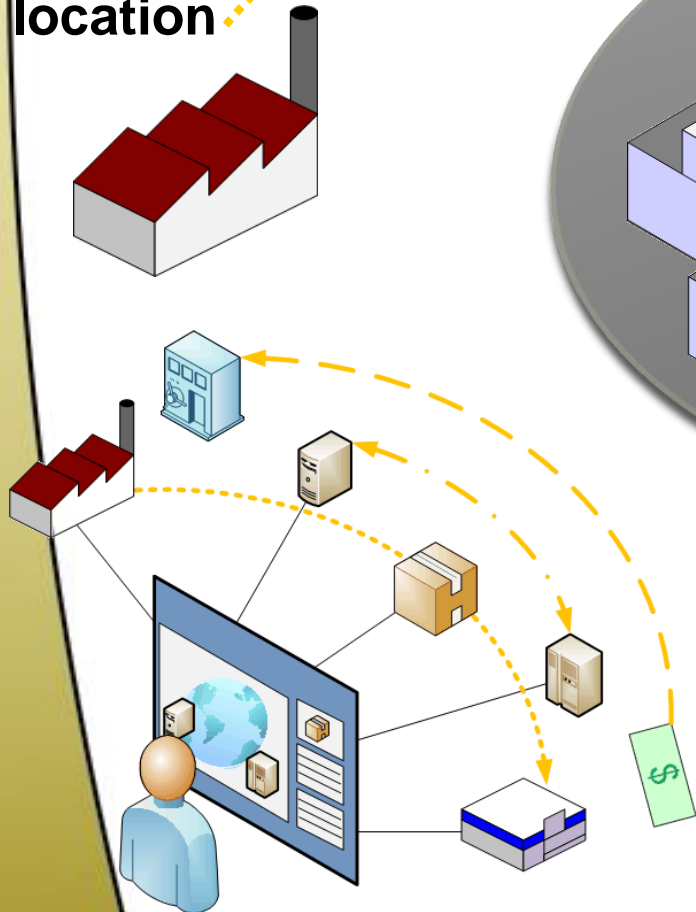
Pick

Stage

Ship

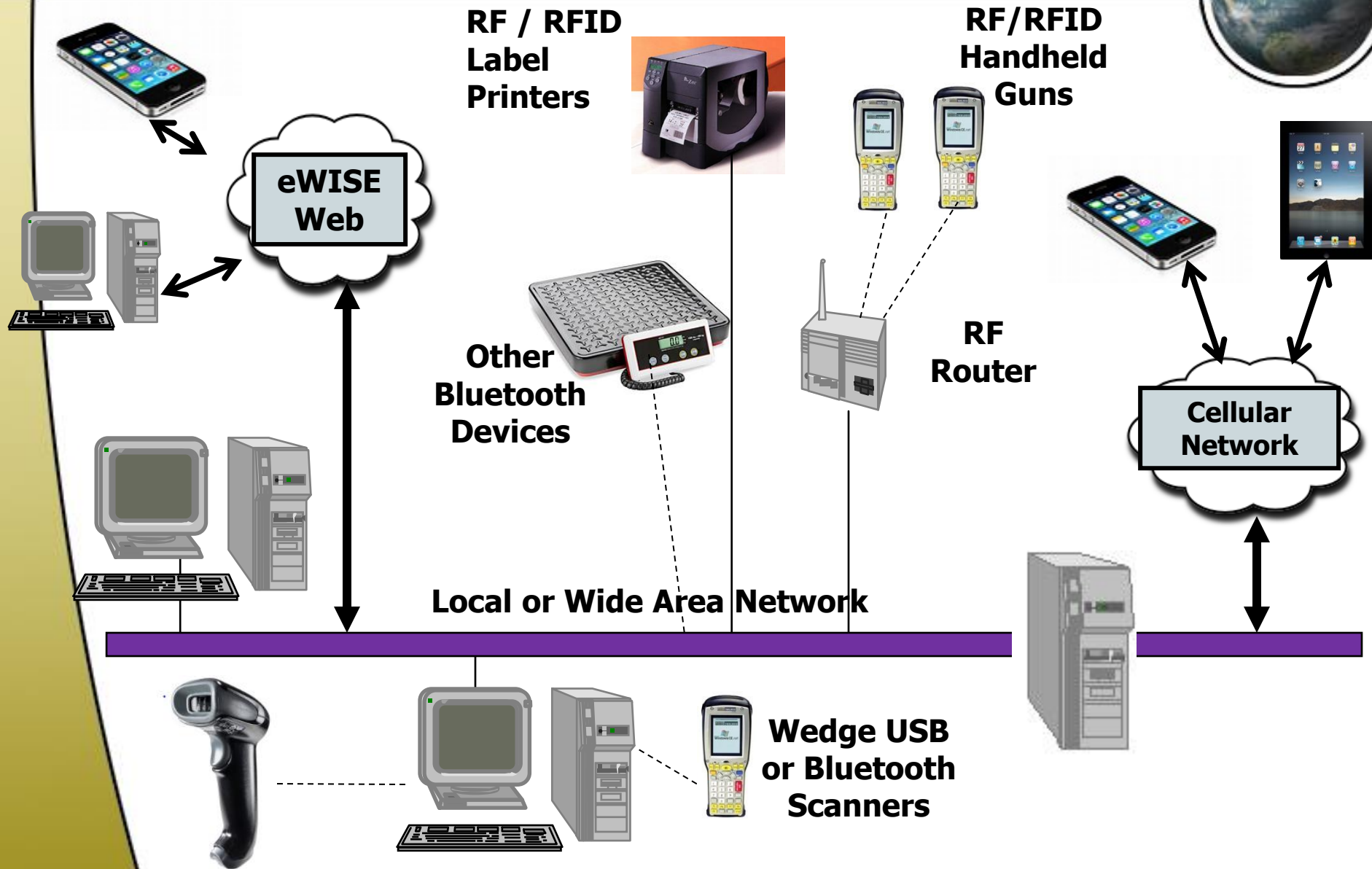
Return

End User Point of Distribution



Management, Visibility, and Control

# WISE Logistics Supports Every Kind of Automated Recording Device



# WISE Logistics Supports every Bar Code Label Type and Every Type of Bar Code Label Reader



**Any Handheld or Smart Device...  
Any RF or RFID Label Type**



**Example: *Bluetooth* 10 Meter  
Honeywell Voyager 1452g  
(1452g1D-1)**

Code 39-based barcode.



**Example: USB 2.0 1D/2D QR Code  
Barcode Reader Scanner (wedge)**

GS1-128 (formerly known as UCC/EAN-128)

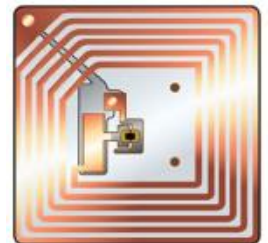


**Example: LXE MX7  
RF enabled**

Quick Response (QR Code)



RFID Tag



# WISE Logistics: Desktop and/or Web Access



Royal 4 Systems Default Profile

File System

Calculator Send Mail Dashboard Expected Receipts by Status Chart Expected Receipts by Status/Owner Chart Expected Receipts by Owner Chart Performance Dashboard Picking Workload Task/Qty Performance Dashboard Space Utilization Quit Show Favorites Run

System Tree

- WISE
  - Maintenance
  - Operations
    - Inbound
    - Outbound
    - Wise Paper
    - Yard Management
    - Slotting
    - Views
      - Expanded Views
      - Reports
      - Labels
      - Performance
  - Third Party Logistics
  - WISE Mobile
  - Vox Interface
  - General Ledger
  - Accounts Payable
  - Accounts Receivable
  - Fixed Assets
  - Payroll (U.S. Only)
  - Inventory Management
  - Order Processing
  - Purchase Orders
  - Return Material Authorization
  - Manufacturing Design
  - Production Activity Control
  - Product Configurator
  - Distribution Requirements Planning
  - Material Requirements Planning
  - Demand Forecasting
  - Capacity Management
  - Engineered Labor Standards
  - Job Costing
  - Web Administration
  - Tools

WISE

Function Name	R4 Function ID	Function Info
Maintenance	wms5.maint	Menu.
Operations	wms5.oper	Menu.
Views	wms5.view	Menu.
Expanded Views	wms5.net.view	Menu.
Reports	wms5.reports	Menu.
Labels	wms5.labelsmenu	Menu.
Performance	wms5.performance	Menu.

Favorites

Function Name	R4 Function ID	Function Info
Main		
Order Management	wms5.orderman	Data Entry/Process Screen.
Inventory Locator by Location	wms5.net.involocbyloc	Data Entry/Process Screen.
Cycle/Physical Count	wms5.ccount	Data Entry/Process Screen.
Dashboard	wms5.dashboard	Launch External Program
Released Order Group Monitor By...	wms5.ordermon	Data Entry/Process Screen.
Pack Contents	wms5.packcontents	Data Entry/Process Screen.
Employee Performance Monitor	wms5.perfmonit	Data Entry/Process Screen.
Allocation Procedures	wms5.procedure	Data Entry/Process Screen.
Inventory Locator	wms5.involoc	Data Entry/Process Screen.
Inventory Locator by Location	wms5.involocbyloc	Data Entry/Process Screen.
Directed Inventory Transfer	wms5.invxfer	Data Entry/Process Screen.
Expected Receipts	wms5.exprec	Data Entry/Process Screen.
Employee Performance	wms5.empperf	Data Entry/Process Screen.
Item Definition	wms5.item	Data Entry/Process Screen.
Manual Order Packing	wms5.manpack	Data Entry/Process Screen.
All Task Management	wms5.taskman	Data Entry/Process Screen.
Development Tools		
Application Builder	AB	Launch External Program
WISE Interface Troubleshooter	wms5.interfacets	Data Entry/Process Screen.
Dashboard Gauge Maintenance	wms5.gaugemnt	Data Entry/Process Screen.
InfoPump Query Manager	wms5.ipquery	Data Entry/Process Screen.
InfoPump Schema	wms5.incschema	Data Entry/Process Screen.

English L1 Default Profile R4@WMS5:01/24/17 0000-00/

localhost/scripts/cgiip.exe

localhost/scripts/cgiip.exe/WService=ewise76/inqitem.htm

WISE

Logged in as: ACME DISTRIBUTION INC. (ACME) Customer # ACME Address: 300 Baker Ave, Suite 101 Concord, MA 01742 US Menu Logout

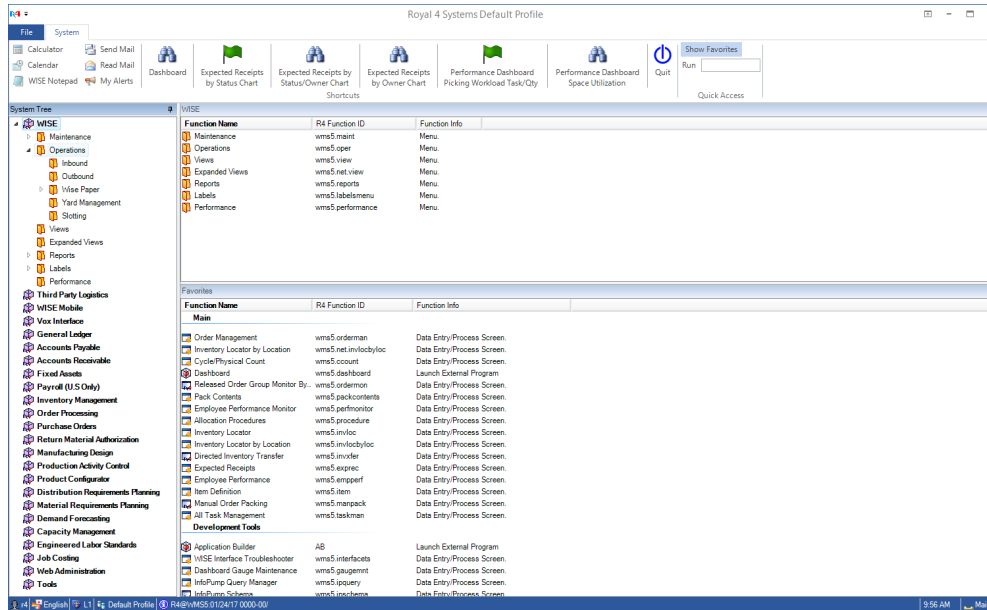
Stock Status

Back Excel Download Attachments Refresh

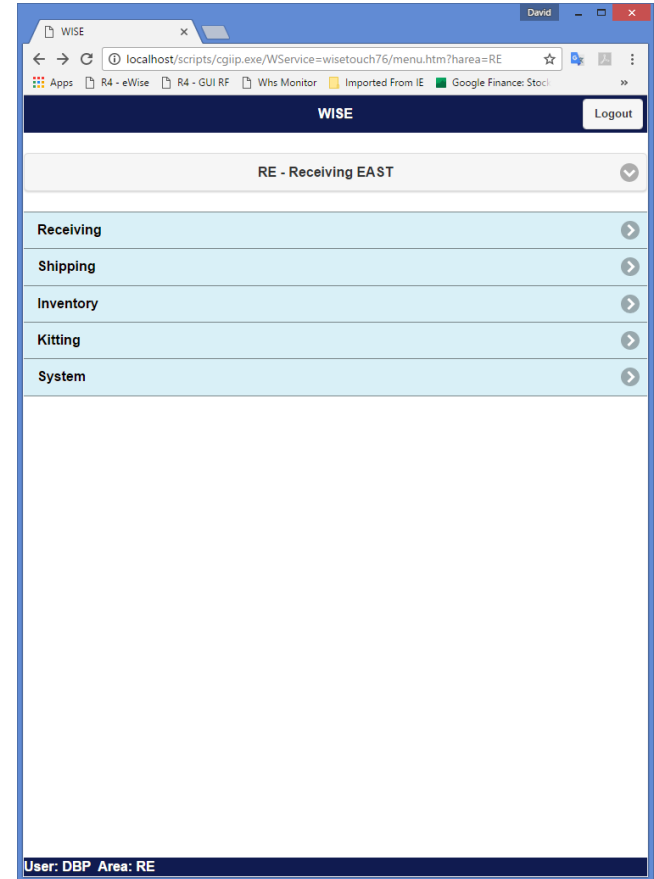
Lots	ItemID	Description	UOM	Qty On Hand	Qty Expected	Qty Allocated	Qty Available
				Stock Only			
	99999	ACME PRODUCT	EA	10	0	0	10
	741715	CHOC FEESTMIX CW 27/30 700KG BB	BAG	12	0	0	12
	40313	TALAPIA FILETS CW ITEM APPROX 4 LB 6X9	CS	10	5	0	10
	39941	DELL PRECISION CPU CLASS A-2 CW	EA	5	-5	0	5
	39940	DELL PRECISION CPU CLASS A-2	EA	10	0	0	10
	39685	Dell Manual FP 220	EA	100	0	2	98
	39684	Dell Quiet 104 USB Keyboard	EA	48	0	0	48
	39683	Dell USB 3 Button Optical Mouse FP 144	EA	100	0	4	96
	39682	Dell - 27" HD Monitor - Black	EA	50	0	8	42
	39681	DELL PRECISION CPU CLASS A-2 X 6 FP 48	EA	32	0	4	28
Lot No	Qty On Hand						
161003	12						
DP-16100701	20						
30906	120	120 V Unopense PMU, H American Uoro	LD	240	0	0	240
	39677	WELCH'S FOUR BERRY MIX 5 X 10 BOX 8 X 7 FP 56	CS	1,455	872	92	1,363
	39662	LIFESAVERS 5 FLAVORS VARIETY PACK 20 EA CNT 8 X 6 FP 48	CS	1,354	720	99	1,255
	39651	BOUNTY PAPER TOWELS 8 PACK 10x5	CS	1,802	671	334	1,468
	155402	BLUEFIRE PROPANE GAS Packing: 16oz/453.6gram/can, 12 cans/carton 1'20ft container loading	CS	2,291	934	134	2,157
	155401	BLUEFIRE MAPP GAS Packing: 16oz/453.6gram/can, 12 cans/carton 1'20ft container loading: 70 CS	CS	3,536	460	138	3,398
	10402	ROLL CARPET BEIGE APARTMENT 2 PER PALLET	EA	2	4	1	1
	10401	ROLL CARPET BLUE INDUSTRIAL 4 PER PALLET	EA	4	8	3	1

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# WISE RF and Smart Devices: GUI and/or Hand-Held



On your desktop



For your RF Gun, Tablet, Smart Device, or Smart Phone

# 1.0 Maintain accurate inventory item stock levels as items are received into inventory, back ordered, and shipped to locations.



Item Definition-L1

File View

Add Cancel Previous Next Filter Refresh Revert Excel Print Preview Print Printer PDF R4Menu WISE Links R4Menu Help Quit

Owner ID	Item ID	Group Code	Description	Type
31110	31110-01	DRYNA	RICE BAGGED PALLETIZED MULGRAIN 47 20X50S 50LB BAGS 72 BAGS = STANDARD PALLETS	Standard
31110	31110-02	DRY	REBAR NON-ASTM GR 100 STANDARD 19mm 24 x BUNDLE 3400 LBS	Standard
35067	JE150416673	DRYNA	MICROSWITCH NO LEVER	Standard
35067	JE150279733	DRYNA	INDUSTRIAL RJ45 MODULAR PLUG	Standard
ACME	10301	SER	DELL PRECISION CPU CLASS A-2 THi 10x6 FP 60	Standard
ACME	10401	RL	ROLL CARPET BLUE INDUSTRIAL 4 PER PALLET	Standard
ACME	10402	RL	ROLL CARPET BEIGE APARTMENT 2 PER PALLET	Standard
ACME	10302	DRYNA	MICROSWITCH NO LEVER THi 12x12 FP 144	Standard
ACME	39662	REFR	LIFESAVERS 5 FLAVORS VARIETY PACK 20 EA CNT 8 X 6 FP 48	Standard
ACME	39677	FROZEN	WELCH'S FOUR BERRY MIX 5 X 10 BOX 8 X 7 FP 56	Standard
ACME	39651	DRYNA	BOUNTY PAPER TOWELS 8 PACK 10x5	Standard
ACME	39678	DRYNA	120 V UniSpense PRO, N American Cord	Standard

General UOMs Substitute Attributes Aliases

Item ID: 39651 Type: Standard

Owner ID: ACME

Description: BOUNTY PAPER TOWELS 8 PACK 10x5 Creation Date: 08/07/2015 Shelf Life: 0

UOM: CS CycleCount Group: Last Count Date: 01/01/0001

Hazard ID: Var %: 0.00

Group Code: DRYNA

Commodity ID:

ABC Rank: C

Lot Control  
 Catch Weight  
 Serial Numbers  
 Roll  
 Hold

1. Key attributes
2. Workflows may communicate from one screen to another by the link
3. Excel icon to export data
4. Help Screens

Inventory Locator-L1

File View

Previous Next Filter Refresh Revert Excel Print Preview Print Printer PDF R4Menu WISE Links R4Menu Help Quit

Item ID	Owner ID	Description	Qty On Hand	Qty Allocated	Qty Available	Qty Expected	Lot	CatchWeight	Roll	Serial Type
10101	ACME	RICE BAGGED PALLETIZED MULGRAI	302	12	290	108	yes	no	no	Standard
10102	ACME	TALAPIA FILETS CW ITEM APPROX	78	3	75	58	yes	no	no	Standard
10232	WELCH01	BOUNTY PAPER TOWELS 8 PACK 10x	440	300	140	220	no	no	no	Standard
10301	ACME	DELL PRECISION CPU CLASS A-2 T	48	4	44	14	no	no	yes	Standard
10302	ACME	MICROSWITCH NO LEVER THi 12x1	236	38	198	420	yes	no	no	Standard
10302	Super01	WELCH'S GRAPE JUICE 6-PACK 12	134	4	130	0	yes	no	no	Standard
10401	ACME	ROLL CARPET BLUE INDUSTRIAL 4	4	3	1	8	yes	no	yes	Standard
10402	ACME	ROLL CARPET BEIGE APARTMENT 2	2	1	1	4	yes	no	yes	Standard
155401	ACME	BLUEFIRE MAPF GAS Packing:16oz	3536	138	3,398	460	yes	no	no	Standard
155402	ACME	BLUEFIRE PROPANE GAS Packing:1	2291	134	2,157	934	yes	no	no	Standard
20213	WELCH01	16OZ VERIETY PACK	0	0	0	0	no	no	no	OrderKit
23212	ACME	CHECI PRO FOOT AND NAIL FILE P	0	0	0	0	yes	no	no	Standard
31110-01	31110	RICE BAGGED PALLETIZED MULGRAI	422	0	422	72	yes	no	no	Standard
31110-02	31110	REBAR NON-ASTM GR 100 STANDARD	27	0	27	1	yes	no	no	Standard
31110-02	ACME	REBAR NON-ASTM GR 100 STANDARD	0	0	0	0	yes	no	no	Standard
39651	ACME	BOUNTY PAPER TOWELS 8 PACK 10x	1802	334	1,468	671	no	no	no	Standard
39662	ACME	LIFESAVERS 5 FLAVORS VARIETY P	1354	99	1,255	720	yes	no	no	Standard
39666	ACME	CHECI PRO FOOT AND NAIL FILE P	0	0	0	96	yes	no	no	Standard
39677	ACME	WELCH'S FOUR BERRY MIX 5 X 10	1455	92	1,363	872	yes	no	no	Standard
39678	ACME	120 V UniSpense PRO, N America	240	8	232	60	no	no	no	Standard

Inventory Detail Item Picture Order Allocation Work Order Allocation Weights Serial Receipts Shipments

Zone ID	Location ID	Pack ID	UOM Code	Qty On Hand	Qty Allocated	Available Inv.	Status	MSC Code	Lot ID	Expiration Date	Receipt ID	Creation Date	AltQOH	AltQA ple
LEVEL-1	05A17	160212001	CS	50	0	50	AVL	AVL	NA		1170	02/12/2016	0.00	0.00
LEVEL-1	05A18	160205004	CS	50	0	50	AVL	AVL	NA		1164	02/05/2016	0.00	0.00
LEVEL-1	05A34	16072806	CS	50	0	50	AVL	AVL	NA	01/01/2000	1273	07/28/2016	0.00	0.00
LEVEL-3	05C02	1508040010	CS	9	9	0	AVL	AVL	NA		1117	08/07/2015	0.00	0.00
LEVEL-3	05C02	1508040011	CS	50	50	0	AVL	AVL	NA		1117	08/07/2015	0.00	0.00
LEVEL-4	05D06	160227001	CS	50	0	50	AVL	AVL	NA		1176	02/25/2016	0.00	0.00
LEVEL-5	05E07	16042501	CS	50	0	50	AVL	AVL	NA		1205	04/25/2016	0.00	0.00

Attr Code Description Attr Value Lot ID: NA



# 1a. Keep list of inventoried items and their attributes.



Inventory Locator-L1

**WISE**

Item ID	Owner ID	Description	Qty On Hand	Qty Allocated	Qty Available	Qty Expected	Lot	CatchWeight	Roll	Serial	Type
10101	ACME	RICE BAGGED PALLETIZED MULGRAI	302	12	290	108	yes	no	no	no	Standard
10102	ACME	TALAPIA FILETS CW ITEM APPROX	78	3	75	58	yes	no	no	no	Standard
10232	WELCH01	BOUNTY PAPER TOWELS 8 PACK 10x	440	300	140	220	no	no	no	no	Standard
10301	ACME	DELL PRECISION CPU CLASS A-2 T	48	4	44	14	no	no	no	yes	Standard
10302	ACME	MICROSWITCH NO LEVER T1H 12x1	236	38	198	420	yes	no	no	no	Standard
10302	Super01	WELCH'S GRAPE JUICE 6-PACK 12	134	4	130	0	yes	no	no	no	Standard
10401	ACME	ROLL CARPET BLUE INDUSTRIAL 4	4	3	1	8	yes	no	yes	no	Standard
10402	ACME	ROLL CARPET BEIGE APARTMENT 2	2	1	1	4	yes	no	yes	no	Standard
155401	ACME	BLUEFIRE MAPP GAS Packing:16oz	3536	138	3,398	460	yes	no	no	no	Standard
155402	ACME	BLUEFIRE PROPANE GAS Packing:1	2291	134	2,157	934	yes	no	no	no	Standard
20213	WELCH01	16OZ VARIETY PACK	0	0	0	0	no	no	no	no	OrderKit
23212	ACME	CHECI PRO FOOT AND NAIL FILE P	0	0	0	0	yes	no	no	no	Standard
31110-01	31110	RICE BAGGED PALLETIZED MULGRAI	422	0	422	72	yes	no	no	no	Standard
31110-02	31110	REBAR NON-ASTM GR 100 STANDARD	27	0	27	1	yes	no	no	no	Standard
31110-02	ACME	REBAR NON-ASTM GR 100 STANDARD	0	0	0	0	yes	no	no	no	Standard
39651	ACME	BOUNTY PAPER TOWELS 8 PACK 10x	1802	334	1,468	671	no	no	no	no	Standard
39662	ACME	LIFESAVERS 5 FLAVORS VARIETY P	1354	99	1,255	720	yes	no	no	no	Standard
39666	ACME	CHECI PRO FOOT AND NAIL FILE P	0	0	0	96	yes	no	no	no	Standard
39677	ACME	WELCH'S FOUR BERRY MIX 5 X 10	1455	92	1,363	872	yes	no	no	no	Standard
39678	ACME	120 V UniSpense PRO, N America	240	8	232	60	no	no	no	no	Standard

Many ways to see inventory  
By Item Number  
By location

Location Detail  
Tabs for granularity

Special Item Attributes  
Overall  
By Location

Inventory Detail | Item Picture | Order Allocation | Work Order Allocation | Weights | Serial | Receipts | Shipments

Zone ID	Location ID	Item Picture	Order Allocation	Work Order Allocation	Weights	Serial	Receipts	Shipments
LEVEL-1	05A15	160205003	CS	48	0	48 AVL	AVL	160205
LEVEL-1	05A19	160227002	CS	48	0	48 AVL	AVL	160227
LEVEL-1	05A20	160308009	CS	48	0	48 AVL	AVL	RW01
LEVEL-1	05A21	160309004	CS	96	0	96 HLD	HLD	535435
LEVEL-1	05A21	16042502	CS	48	0	48 AVL	AVL	160425
LEVEL-1	05A26	16122202	CS	24	0	24 AVL	AVL	161222
LEVEL-2	05B31	16071403	CS	48	0	48 AVL	AVL	160714

Attr Code Description      Attr Value  
 STATUS    STATUS                      GOOD  
 SUBLOT    SUB LOT ID                      160205RE01  
 VELOCITY PICK VELOCITY

Lot ID: 160205

**WISE**

Zone ID	Location ID	Item Picture	Order Allocation	Work Order Allocation	Weights	Serial	Receipts	Shipments
LEVEL-1	05A15	160205003	CS	48	0	48 AVL	AVL	160205
LEVEL-1	05A19	160227002	CS	48	0	48 AVL	AVL	160227
LEVEL-1	05A20	160308009	CS	48	0	48 AVL	AVL	RW01
LEVEL-1	05A21	160309004	CS	96	0	96 HLD	HLD	535435
LEVEL-1	05A21	16042502	CS	48	0	48 AVL	AVL	160425
LEVEL-1	05A26	16122202	CS	24	0	24 AVL	AVL	161222
LEVEL-2	05B31	16071403	CS	48	0	48 AVL	AVL	160714

05A10	EAST	S10	LEVEL-1	186,624.00	0.00	yes	yes	no	no
05A11	EAST	S11	LEVEL-1	186,624.00	0.00	yes	yes	no	no
05A12	W1	0	LEVEL-1	186,624.00	0.00	yes	yes	no	no
05A12	EAST	S,012	LEVEL-1	186,624.00	0.00	yes	yes	no	no
05A13	EAST	S13	LEVEL-1	186,624.00	0.00	yes	yes	no	no
05A14	EAST	S14	LEVEL-1	186,624.00	0.00	yes	yes	no	no
05A15	EAST	S15	LEVEL-1	186,624.00	0.00	yes	yes	no	no
05A16	EAST	S16	LEVEL-1	186,624.00	0.00	yes	yes	no	no

Packs

Pack ID	Item ID	Owner ID	Description	UOM Code	Lot ID	Qty On Hand	Qty Allocated	Available	Inv. Status
160205003	39662	ACME	LIFESAVERS 5 FLAVORS VARIET	CS	160205	48	0	48	AVL

Attr Code Description      Attr Value  
 STATUS    STATUS                      GOOD  
 SUBLOT    SUB LOT ID                      160205RE01  
 VELOCITY PICK VELOCITY

1.a

# 1b. Manage the receipt of items for inventory



Expected Receipts  
Direct Order for Items

Expected Receipts-L1

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**WISE**

Set Inventory Status: Hold Release Split CreateOrder ReOpenDR

Exp Receipt	Owner ID	Expected Date	Sender ID	Source Document	Container ID	Type	ASN	Receipt Status
1346	ACME	01/24/2017	ACME	PO17011807		PLT	no	New
1345	ACME	01/17/2017	ACME	PO17011806		PLT	no	New
1344	ACME	01/13/2017	ACME	PO17011302		PLT	no	New
1343	ACME	01/10/2017	BAYWF01	PO17011106		PLT	no	Close
1342	Super01	01/09/2017	Super01	PO17011001		PLT	no	New
1340	Super01	01/09/2017	Super01	PO17011001		PLT	no	New
1339	ACME	01/05/2017	ACME	PO17010601		PLT	no	New
1338	ACME	01/05/2017	CSD	PO17010501		PLT	no	Close
1337	ACME	12/29/2016	BAYWF01	PO1612291		PLT	no	Close
1336	ACME	12/22/2016	Barbera	PO23848948		PLT	no	New
1335	ACME	12/29/2016	ACME	43534535		PLT	no	NEW
1333	ACME	12/21/2016	Super01	PO16122201		PLT	no	Close
1331	ACME	12/14/2016	GJ BV	PO16121406	TT21324466	LL	yes	Open
1330	ACME	12/14/2016	GJ BV	PO16121405	TT21773832	PLT	no	Close
1329	ACME	12/14/2016	ACME	16121403	TT2165255	LL	yes	New

Header Details Line Items ASN Details Line Attributes Tasks Catch Weight Serial Numbers P/L Charges

Line No	Item ID	Description	UOM	Qty Expected	Qty Received	MS Code	Labels
1	39662	LIFESAVERS 5 FLAVORS VARIETY PACK 20 EA CNT 8 X 6 FP 48	CS	48	0		0
2	39677	WELCH'S FOUR BERRY MIX 5 X 10 BOX 8 X 7 FP 56	CS	56	0		0
3	39651	BOUNTY PAPER TOWELS 8 PACK 10x5	CS	24	0		0

Line No Item ID Qty Expected MS Code Labels

1 39662 48 0

Description: LIFESAVERS 5 FLAVORS VARIETY PACK 20 EA

UOM: CS

Print Labels

All Pending Labels  Selected Line Only

Print

Calculate Number of labels

1.b

# 1c. Received inventory items sent to warehouse or other storage locations, yards, areas, or vehicles.



Expected Receipts-L1

**WISE**

Exp Receipt	Owner ID	Expected Date	Sender ID	Source Document	Container ID	Type	ASN Receipt Status
1346	ACME	01/24/2017	ACME	PO17011807		PLT	no New
1345	ACME	01/17/2017	ACME	PO17011806		PLT	no New
1344	ACME	01/13/2017	ACME	PO17011302		PLT	no New
1343	ACME	01/10/2017	BAYVF01	PO17011106		PLT	no Close
1342	Super01	01/09/2017	Super01	PO17011001		PLT	no New
1340	Super01	01/09/2017	Super01	PO17011001		PLT	no New
1339	ACME	01/05/2017	ACME	PO17010601		PLT	no New
1338	ACME	01/05/2017	CSD	PO17010501		PLT	no Close
1337	ACME	12/29/2016	BAYVF01	PO1612291		PLT	no Close
1336	ACME	12/22/2016	Barbera	PO23848948		PLT	no New
1335	ACME	12/29/2016	ACME	43534535		PLT	no NEW
1333	ACME	12/21/2016	Super01	PO16122201		PLT	no Close
1331	ACME	12/14/2016	GJ BV	PO16121406	TT21324466	LL	yes Open
1330	ACME	12/14/2016	GJ BV	PO16121405	TT21773832	PLT	no Close
1329	ACME	12/14/2016	ACME	16121403	TT2165255	LL	yes New

Links to Pending Receipts  
Inbound Orders  
Source Document for Orders

Inventory Locator-L1

**WISE**

Line No	Item ID	Description	UOM	Qty Expected
1	39662	LIFESAVERS 5 FLAVORS VARIETY PACK 20 EA CNT 8 X 6 FP 48	CS	48
2	39677	WELCH'S FOUR BERRY MIX 5 X 10 BOX 8 X 7 FP 56	CS	
3	39651	BOUNTY PAPER TOWELS 8 PACK 10x5	CS	

Line No 1 Item ID 39662 Qty Expected 48 MS Code CS

Description: LIFESAVERS 5 FLAVORS VARIETY PACK 20 EA

UOM: CS

Print Labels

All Pending Labels

Selected Line Only

Calculate Number of labels

Inventory Detail

**WISE**

Item ID	Owner ID	Description	Qty On Hand	Qty Allocated	Qty Available	Qty Expected Lot	CatchWeight	Roll	Serial Type
39662	ACME	LIFESAVERS 5 FLAVORS VARIETY P	1354	99	1,255	720	yes	no	no

Source Document	Sender ID	Name	Exp Receipt Line No	UOM Code	Qty Expected	Qty Received
PO1603155	BAYVF01	Bay Valley Foods	1200	2 CS	48	0
6099615551	ACME	ACME DISTRIBUTION INC.	1175	1 CS	48	0
	CSD	CONSOLIDATED SERVICE DISTRIBUTORS	1182	2 CS	48	0
PO1602054	ACME	ACME DISTRIBUTION INC.	1166	2 CS	48	0
PO1602056	ACME	ACME DISTRIBUTION INC.	1168	2 CS	48	0
PO1602052	ACME	ACME DISTRIBUTION INC.	1165	2 CS	48	0
PO1602051	ACME	ACME DISTRIBUTION INC.	1164	2 CS	48	0
PO1602021	CSD	CONSOLIDATED SERVICE DISTRIBUTORS	1156	2 CS	48	0
PO16012605	ACME	ACME DISTRIBUTION INC.	1153	2 CS	48	0
PO16011501	CSD	CONSOLIDATED SERVICE DISTRIBUTORS	1151	1 EA	10	10
PO1512301	CSD	CONSOLIDATED SERVICE DISTRIBUTORS	1144	2 CS	96	96

1.c

# 1d. Notate inspection of inventory items for damage and completeness



Product Groups-L1

File View

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Group Code Description

BULK	BULK
DRY	DRY
DRYCPW	DRYCPW
DRYNA	Dry No Attributes
FROZEN	FROZEN
REFR	REFR
RL	ROLLS
SER	SERIALIZED
SODA	SODA

General Attributes

Attr Code	Description	Key Attribute
CO	Country of Origin	no
SUBLOT	SUB LOT ID	no
VELOCITY	PICK VELOCITY	yes

Group Code: FROZEN

Attr Code: CO

Consolidation: Not Allowed

Inbound Stage:

Outbound Stage:

Key Attribute

Must Match On Allocation

Must Match Location

Attributes-L1

File View

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Attr Code	Description	Attr Type	Number Format
ATA	ATA Code	Character	
BEST BY	BEST BY DATE	Date	
CLR	COLOR	Character	
CO	Country of Origin	Character	
EU	EU Exportable	Character	
FSMA	FOOD SAFETY MODERNIZATION ACT	Character	
STATUS	STATUS	Character	
SUBLOT	SUB LOT ID	Character	
VELOCITY	PICK VELOCITY	Character	

General Values

Attr Code	Attr Value
CO	Canada
CO	China
CO	Mexico
CO	USA

localhost/scripts/cgrip.exe

localhost/scripts/cgrip.exe/WService=wisetouch76/receive2.r

Home

Exp Rec# 1346

Item ID:

39677

WELCH'S FOUR BERRY MIX 5 X 10 BOX 8 X 7 FP 56

UOM

CASES

Pack ID

17012401

Quantity

36

Quantity Left: 56

Lot

170124

Attributes for item 39677

SUB LOT ID

323407898898

Country of Origin

Canada

Back Next

Identify for special attributes  
Capture information upon receipt

Note what kind of attribute  
Key  
Order Allocation  
Extract dates for rotation

Special Handling Items  
Tracked and Maintained  
No limit on item attributes **1.d**

# 1e. Update information about received items.



Expected Receipts-L1

File View

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**WISE**

Set Inventory Status: Hold Release Split CreateOrder ReOpenDR

Exp Receipt	Owner ID	Expected Date	Sender ID	Source Document	Container ID	Type	ASN	Receipt Status
1346	ACME	01/24/2017	ACME	PO17011807		PLT	no	OPEN
1345	ACME	01/17/2017	ACME	PO17011806		PLT	no	New
1344	ACME	01/13/2017	ACME	PO17011302		PLT	no	New
1343	ACME	01/10/2017	BAYWF01	PO17011106		PLT	no	Close
1342	Super01	01/09/2017	Super01	PO17011001		PLT	no	New
1340	Super01	01/09/2017	Super01	PO17011001		PLT	no	New
1339	ACME	01/05/2017	ACME	PO17010601		PLT	no	New
1338	ACME	01/05/2017	CSD	PO17010501		PLT	no	Close
1337	ACME	12/29/2016	BAYWF01	PO1612291		PLT	no	Close
1336	ACME	12/22/2016	Barbera	PO23848948		PLT	no	New
1335	ACME	12/29/2016	ACME	43534535		PLT	no	NEW
1333	ACME	12/21/2016	Super01	PO16122201		PLT	no	Close
1331	ACME	12/14/2016	GJ BV	PO16121406	TT21324466	LL	yes	Open
1330	ACME	12/14/2016	GJ BV	PO16121405	TT21773832	PLT	no	Close
1329	ACME	12/14/2016	ACME	16121403	TT2165255	LL	yes	New

Header Details | Line Items | ASN Details | Line Attributes | Tasks | Catch Weight | Serial Numbers | 3PL Charges

Line No	Item ID	Description	UOM	Qty Expected	Qty Received	MS Code	Labels
1	39662	LIFESAVERS 5 FLAVORS VARIETY PACK 20 EA CNT 8 X 6 FP 48	CS	48	0		0
2	39677	WELCH'S FOUR BERRY MIX 5 X 10 BOX 8 X 7 FP 56	CS	56	36		0
3	39651	BOUNTY PAPER TOWELS 8 PACK 10x5	CS	24	0		0

Line No: 2, Item ID: 39677, Qty Expected: 56, MS Code: 6, Labels: 0

Description: WELCH'S FOUR BERRY MIX 5 X 10 BOX 8 X 7 F

UOM: CS

Print Labels:  All Pending Labels,  Selected Line Only

Calculate Number of Labels

Expected Receipts-L1

Print Preview Printer PDF Export

Links R4Menu System

**WISE**

Type ASN Receipt Status

PLT	no	OPEN
PLT	no	New
PLT	no	New
PLT	no	Close
PLT	no	New
PLT	no	New
PLT	no	New
PLT	no	Close
PLT	no	Close
PLT	no	New
PLT	no	NEW
PLT	no	Close
LL	yes	Open
PLT	no	Close
LL	yes	New

Serial Numbers | 3PL Charges

Pack ID	Task	Qty	Com.	Qty	Status	Lot ID	Pack ID	Drop	Locato	User	Comp. Date	Time
12401	36	0	AWL	170124			17012401	RE01	DBP		01/24/2017	10:20
12401	56	36	GPS	170124			17012401	RE01	DBP		01/24/2017	10:20

Receiving Updated in Real Time  
 All entries at the gun are audit tracked.

Automatic creation of tasks

Cross Docking for items needed for orders

1.e

# 1f. Annotate results of physical inventory of items in the warehouse and all storage locations.



Cycle/Physical Count-L1

File View

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**WISE**

Count Group	Group Type	Creation Date	PostedBy	Total Tasks	Tasks Generated	Updated	Date Updated
333	Physical	08/08/2016		15	yes	no	01/01/0001
331	Cycle	08/08/2016		15	yes	no	01/01/0001
327	Cycle	02/25/2016		1,262	yes	no	01/01/0001
325	Cycle	10/26/2015		8	yes	no	01/01/0001
324	Cycle	08/08/2015		0	no	no	01/01/0001
321	Physical	08/08/2015		5	yes	no	01/01/0001
320	Physical	07/15/2015		181	yes	no	01/01/0001

Generate Tasks  
Update Inventory  
Auto Generate Count

Group Parameters | Selected Items | Tasks

Count Group: 333 Group Type: Physical

Group Parameters

From Area ID: To Area ID: ZZZZZZZZZZZZ  
 From Zone ID: To Zone ID: ZZZZZZZZ  
 From Location: To Location: ZZZZZZZZZZZZZZ  
 From Group Code: To Group Code: ZZZZZZZZ  
 From Item: 40310 To Item: 40310  
 From Owner: Super01 To Owner: ZZZZZZZZ  
 From Receipt Date: 01/01/0001 To Receipt Date: 01/01/0001  
 Max. Tasks: 99,99

Two types of inventory tracking  
Physical  
Cycle Count

Specify areas for inventory actions  
Counts are held separately until validated

Counts may be done on RF direct entry

Count

Group: 333

Location

Pack ID

Owner

Item ID

UOM

Lot

Quantity

Back Next

Cycle/Physical Count-L1

File View

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**WISE**

Count Group	Group Type	Creation Date	PostedBy	Total Tasks	Tasks Generated	Updated	Date Updated
333	Physical	08/08/2016		15	yes	no	01/01/0001
331	Cycle	08/08/2016		15	yes	no	01/01/0001
327	Cycle	02/25/2016		1,262	yes	no	01/01/0001
325	Cycle	10/26/2015		8	yes	no	01/01/0001
324	Cycle	08/08/2015		0	no	no	01/01/0001
321	Physical	08/08/2015		5	yes	no	01/01/0001
320	Physical	07/15/2015		181	yes	no	01/01/0001

Generate Tasks  
Update Inventory  
Auto Generate Count

Group Parameters | Selected Items | Tasks

Task No	Location	Pack ID	Item ID	Owner ID	Lot	UOM	System Qty	Count Qty	Variance	Status
133296	05A28	16052502	40310	Super01	160525-2	CS	50	50	0	CPS
133297	05A29	16061103	40310	Super01	160611	CS	56	0	?	AVL
133298	05A31	16062110	40310	Super01	160621	CS	56	54	-2	CPS
133299	05C31	16062406	40310	Super01	1606240	CS	11	0	?	AVL
133293	05E22	16050301	40310	Super01	160503	CS	56	0	?	AVL
133289	05F14	160203002	40310	Super01	160203	CS	12	0	?	AVL
133292	05F20	16042703	40310	Super01	160427	CS	56	0	?	AVL
133295	05F26	16052401	40310	Super01	160524	CS	56	0	?	AVL
133301	RED1	16062705	40310	Super01	160627	CS	56	0	?	AVL
133303	re01	16080402	40310	Super01	160804	CS	56	0	?	AVL
133291	S39	160203007	40310	Super01	160203	CS	2	0	?	AVL

Tasks Completed: 0  
Tasks Available: 0

<- Calculate

1.f

# 2.0 Process requisitions for inventoried items in the warehouse or storage locations



Order Management-L1

File View

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## WISE

Order No	Cust ID	Owner ID	Document	Priority	Req Date	Create Date	Cancel Date	Status	Group	Order Date	Shipment
2914	ACME	ACME	SO17011802	0	01/24/2017	01/17/2017	01/17/2017	ROU	2386	01/17/2017	0
2913	S10003	ACME	SO17011304	0	01/13/2017	01/13/2017	01/13/2017	ROU	2385	01/13/2017	0
2911	S10016	Super01	SO17011002	0	01/09/2017	01/09/2017	01/09/2017	REL	2383	01/09/2017	2826
2910	S10001	ACME	SO17010602	0	01/05/2017	01/05/2017	01/05/2017	ROU	2382	01/05/2017	0
2909	S10036	ACME	SO17010502	0	01/05/2017	01/05/2017	01/05/2017	REL	2381	01/05/2017	2817
2907	S10003	ACME	SO16122202	0	12/21/2016	12/21/2016	12/21/2016	REL	2379	12/21/2016	2809
2906	S10014	ACME	SO16121402	0	12/14/2016	12/14/2016	12/14/2016	REL	2378	12/14/2016	2807
2905	S10014	ACME	SO16121401	0	12/14/2016	12/14/2016	12/14/2016	REL	2377	12/14/2016	2805
2904	S10000	ACME	SO16112302	0	12/12/2016	12/12/2016	12/12/2016	REL	2376	12/12/2016	2804
2903	S10001	ACME	SO16120101	0	12/01/2016	12/01/2016	12/01/2016	REL	2375	12/01/2016	2797
2900	S10005	ACME	SO16101708	0	11/10/2016	11/10/2016	11/10/2016	REL	2374	11/10/2016	2795
2899	S10017	Super01	SO16111102	0	11/11/2016	11/10/2016	11/10/2016	REL	2372	11/10/2016	2791

Assign Group  
Clear Group  
Cancel Selected  
Cancel By Query  
View Shortage  
Add to Group  
0  
Remove Grp.

General Shipping Info Line Items Item Attributes Line Packs Allocation Groups 3PL Charges Allocation Info Tasks

Ship ID: ACME Shipment: 0  
Name: ACME DISTRIBUTION, INC. BO Carrier ID:  
Attention To: Route ID:  
Address 1: 28240 FIRST ST Carrier ID: HEIL  
Address 2: LOT 28 Load ID:  
Address 3: Load Seq: 0  
City: ST LOUIS State: MO  Allow Auto Routing  
Zip Code: 63115  Expedite  
Country: USA  Ship Complete  
Phone: 805 965-2232  
E-Mail:

David

http://localhost:9090/ Google Maps Google Your Leads | Sales N... Google

## WISE

cord, MA 01742 US Menu Logout

Shipping Info

Name: ACME DISTRIBUTION, INC. #2  
Attention To:  
Address: 4848 Main St.  
LOT 28  
City: ST LOUIS State: MO Zip Code: 63115  
Country: USA  
Phone: 805 965-2232  
Email:  Save new address

	UOM	LOT ID	Qty Ordered	Qty Shipped
50 BAGS/CASES = STANDARD P...	CS		7	0
THI 8X6 FP 48	CS		20	0

Requisitions may be placed by direct orders or by attached files.

Either over the web or from remote devices.

2.0

# 2a. Receive orders or requisitions for processing from internal or external sources



Order Management-L1

**WISE**

Order No	Cust ID	Owner ID	Document	Priority	Req Date	Create Date	Cancel Date	Status	Group	Order Date	Shipment	Ship ID
2914	ACME	ACME	SO17011802	0	01/24/2017	01/17/2017	01/17/2017	ROU	2386	01/17/2017	0	ACME
2913	S10003	ACME	SO17011304	0	01/13/2017	01/13/2017	01/13/2017	ROU	2385	01/13/2017	0	S10003
2911	S10016	Super01	SO17011002	0	01/09/2017	01/09/2017	01/09/2017	REL	2383	01/09/2017	2826	S10016
2910	S10001	ACME	SO17010602	0	01/05/2017	01/05/2017	01/05/2017	ROU	2382	01/05/2017	0	S10001
2909	S10036	ACME	SO17010502	0	01/05/2017	01/05/2017	01/05/2017	REL	2381	01/05/2017	2817	S10036
2907	S10003	ACME	SO16122202	0	12/21/2016	12/21/2016	12/21/2016	REL	2379	12/21/2016	2809	S10003
2906	S10014	ACME	SO16121402	0	12/14/2016	12/14/2016	12/14/2016	REL	2378	12/14/2016	2807	S10014
2905	S10014	ACME	SO16121401	0	12/14/2016	12/14/2016	12/14/2016	REL	2377	12/14/2016	2805	S10014
2904	S10000	ACME	SO16112302	0	12/12/2016	12/12/2016	12/12/2016	REL	2376	12/12/2016	2804	S10000
2903	S10001	ACME	SO16120101	0	12/01/2016	12/01/2016	12/01/2016	REL	2375	12/01/2016	2797	S10001
2900	S10005	ACME	SO16101708	0	11/10/2016	11/10/2016	11/10/2016	REL	2374	11/10/2016	2795	S10005
2899	S10017	Super01	SO16111002	0	11/11/2016	11/10/2016	11/10/2016	REL	2372	11/10/2016	2791	S10017
2898	S10017	Super01	SO16111001	0	11/10/2016	11/10/2016	11/10/2016	ROU	2371	11/10/2016	0	S10017
2897	S10010	35067	SO16110802	0	11/06/2016	11/06/2016	11/06/2016	ROU	2370	11/06/2016	0	S10010
2894	S10005	ACME	SO16101707	0	10/19/2016	10/19/2016	10/19/2016	ROU	2369	10/19/2016	0	S10005
2892	S10123	ACME	SO16101306	0	10/13/2016	10/13/2016	10/13/2016	ROU	2367	10/13/2016	0	S10123

Order Management-L1

**WISE**

General | Shipping Info | Line Items | Item Attributes | Line Packs | Allocation Groups | 3PL Charges | Allocation Info | Tasks

Item No	Item ID	CustomerSKU	UOM	Qty Order	Qty Shipped	Qty Open	Master	Inner	Alt UOM	Qty	CP	Code
1	39677		CS	56	0	56	0	0		0	0.00	
2	39651		CS	10	0	10	0	0		0	0.00	
3	39662		CS	48	0	48	0	0		0	0.00	

Order No: 2914 Plan ID: 0

Line No: 1

Item ID: 39677

UOM Code: CS

WELCH'S FOUR BERRY MIX 5 X 10 BOX 8 X 7 FP 56 Qty Order: 56 Alt UOM Qty: 0.00

CustomerSKU: Qty Case Pack: 0 Var %: 0.00

Lot ID: Common Pack Code:

Method ID: Qty Inner Pack: 0

Order Management-L1

**WISE**

Order No	Cust ID	Owner ID	Document	Priority	Req Date	Create Date	Cancel Date	Status	Group	Order Date	Shipment	Ship ID
2914	ACME	ACME	SO17011802	0	01/24/2017	01/17/2017	01/17/2017	ROU	2386	01/17/2017	0	ACME
2913	S10003	ACME	SO17011304	0	01/13/2017	01/13/2017	01/13/2017	ROU	2385	01/13/2017	0	S10003
2911	S10016	Super01	SO17011002	0	01/09/2017	01/09/2017	01/09/2017	REL	2383	01/09/2017	2826	S10016
2910	S10001	ACME	SO17010602	0	01/05/2017	01/05/2017	01/05/2017	ROU	2382	01/05/2017	0	S10001
2909	S10036	ACME	SO17010502	0	01/05/2017	01/05/2017	01/05/2017	REL	2381	01/05/2017	2817	S10036
2907	S10003	ACME	SO16122202	0	12/21/2016	12/21/2016	12/21/2016	REL	2379	12/21/2016	2809	S10003
2906	S10014	ACME	SO16121402	0	12/14/2016	12/14/2016	12/14/2016	REL	2378	12/14/2016	2807	S10014
2905	S10014	ACME	SO16121401	0	12/14/2016	12/14/2016	12/14/2016	REL	2377	12/14/2016	2805	S10014
2904	S10000	ACME	SO16112302	0	12/12/2016	12/12/2016	12/12/2016	REL	2376	12/12/2016	2804	S10000
2903	S10001	ACME	SO16120101	0	12/01/2016	12/01/2016	12/01/2016	REL	2375	12/01/2016	2797	S10001
2900	S10005	ACME	SO16101708	0	11/10/2016	11/10/2016	11/10/2016	REL	2374	11/10/2016	2795	S10005
2899	S10017	Super01	SO16111002	0	11/11/2016	11/10/2016	11/10/2016	REL	2372	11/10/2016	2791	S10017
2898	S10017	Super01	SO16111001	0	11/10/2016	11/10/2016	11/10/2016	ROU	2371	11/10/2016	0	S10017
2897	S10010	35067	SO16110802	0	11/06/2016	11/06/2016	11/06/2016	ROU	2370	11/06/2016	0	S10010
2894	S10005	ACME	SO16101707	0	10/19/2016	10/19/2016	10/19/2016	ROU	2369	10/19/2016	0	S10005
2892	S10123	ACME	SO16101306	0	10/13/2016	10/13/2016	10/13/2016	ROU	2367	10/13/2016	0	S10123

General | Shipping Info | Line Items | Item Attributes | Line Packs | Allocation Groups | 3PL Charges | Allocation Info | Tasks

Group: 2386 Status: ROU

Creation Date: 01/17/2017

Description: Order 2914 Customer ACME

Expedite

Area ID:

Plan ID:

Locations:

Release Forward Pick

Route Allocate

Manual Alloc. DeAllocate

Hold Tasks

Priority: 20 Apply

Repack

Requisitions received  
They appear in the order management console

Orders may process automatically or through a workflow or manually

Support for "lights out" processing

2.a



## 2b. Allow modification of orders or requisitions before items are shipped.



The screenshot displays the WISE web portal interface. At the top, the 'WISE' logo is prominently featured in red. Below the logo, the user is logged in as 'ACME DISTRIBUTION INC.' with customer details: 'Customer# ACME', 'Address: 300 Baker Ave, Suite 101 Concord, MA 01742 US'. A navigation bar includes 'Menu' and 'Logout' options. The main content area shows an 'Order No. 2902' with a form for editing line items. The form includes fields for 'Line No: 1', 'Item No: 10101', 'UOM: CASES', 'Quantity: 7', and 'Lot ID'. Below the form is a table with the following data:

Line	Item ID	Description	UOM	Lot ID	Qty Ordered	Qty Shipped
1	10101	RICE BAGGED PALLETIZED MULGRAIN 47 20X50S 50LB BAGS 50 BAGS/CASES = STANDARD	CS		7	0
2	23212	CHECI PRO FOOT AND NAIL FILE PROFESSIONAL SALON KIT TIHI 8X6 FP 48	CS		20	0

At the bottom of the page, a copyright notice reads 'Copyright© 2017 Royal 4 Systems'.

Web portal adjustments by permission  
Set up the rules for your facility  
Automatic enforcement

Changes accepted will show up in all the other workflows

# 2.b

# 2c. Create pick tickets to facilitate inventory item picking, staging, and packing.



Browser window showing a 'Pick' application interface. The address bar shows 'localhost/scripts/cgiip.exe/WService=wisetouch76/pick1.r?trans'. The page title is 'Pick'. Below the title, there is a 'Home' button and a 'Pick' button. The main content area displays 'Order: 2914' and a list of 'Pick Locations' with three entries: 05F12, 05C33, and 05F37. At the bottom, there is a 'Location' input field and 'Back' and 'Next' buttons.

ABC Company - LM 01/24/2017 10:33 am

**R4 ROYAL4 SYSTEMS** PICKING LIST 2,914

CUSTOMER: ACME DISTRIBUTION, INC. SHIP TO: ACME DISTRIBUTION, INC.  
 SALES ORDER: SO17011802 28240FIRST STLOT28  
 PO Number: ST LOUIS, MO 63115  
 SHIP VIA: HEIL HEIL TRANSPORTATION USA

Line No	Item ID	Owner	Quantity Order	UOM	
1	39677	ACME	56	CS	WFI
WELCH'S FOUR BERRY MIX 5 X 10 BOX 6					
Source Location	Source Pack	Source Loc	Task Qty	Picked Qty	New Pack
05C33	16081713	160817	56		
2	39651	ACME	10	CS	WFI
BOUNTY PAPER TOWELS 8 PACK 10x5					
Source Location	Source Pack	Source Loc	Task Qty	Picked Qty	New Pack
05F37	16101702	NA	10		
3	39662	ACME	48	CS	WFI
LIFE SAVERS 5 FLAVORS VARIETY PACK					
Source Location	Source Pack	Source Loc	Task Qty	Picked Qty	New Pack
05F12	151230002	151230	48		

Printed by: R4 User Page 1 of 1

\*\*\*\*\* This order is short \*\*\*\*\*

Picking

One step or two step  
Conditional

Support for pick, stage, load processes

Full support for product shorts

2.c

# 2d. Manage inventory items pulled from their locations in the warehouse and packed for delivery



Order Management-L1

**WISE**

Order No	Cust ID	Owner ID	Document	Priority	Req Date	Create Date	Cancel Date	Status	Group Order Date	Shipment	Ship ID	
2914	ACME	ACME	SO17011802	0	01/24/2017	01/17/2017	01/17/2017	REL	2386	01/17/2017	2835	ACME
2913	S10003	ACME	SO17011304	0	01/13/2017	01/13/2017	01/13/2017	ROU	2385	01/13/2017	0	S10003
2912	S10036	ACME	SO17011103	0	01/10/2017	01/10/2017	01/10/2017	SHI	1	01/10/2017	2828	S10036
2911	S10016	Super01	SO17011002	0	01/09/2017	01/09/2017	01/09/2017	REL	2383	01/09/2017	2826	S10016
2910	S10001	ACME	SO17010602	0	01/05/2017	01/05/2017	01/05/2017	ROU	2382	01/05/2017	0	S10001
2909	S10036	ACME	SO17010502	0	01/05/2017	01/05/2017	01/05/2017	REL	2381	01/05/2017	2817	S10036
2908	S10003	ACME	SO1612291	0	12/29/2016	12/29/2016	12/29/2016	SHI	1	12/29/2016	2812	S10003
2907	S10003	ACME	SO16122202	0	12/21/2016	12/21/2016	12/21/2016	REL	2379	12/21/2016	2809	S10003
2906	S10014	ACME	SO16121402	0	12/14/2016	12/14/2016	12/14/2016	REL	2378	12/14/2016	2807	S10014
2905	S10014	ACME	SO16121401	0	12/14/2016	12/14/2016	12/14/2016	REL	2377	12/14/2016	2805	S10014
2904	S10000	ACME	SO16112302	0	12/12/2016	12/12/2016	12/12/2016	REL	2376	12/12/2016	2804	S10000
2903	S10001	ACME	SO16120101	0	12/01/2016	12/01/2016	12/01/2016	REL	2375	12/01/2016	2797	S10001
2902	ACME	ACME	SO12445	0	12/07/2016	11/30/2016	11/29/2021	NEW	3	11/30/2016	0	ACME
2901	S10005	Super01	SO16112301	0	12/07/2016	11/22/2016	11/22/2016	SHI	1	11/22/2016	2802	S10005
2900	S10005	ACME	SO16101708	0	11/10/2016	11/10/2016	11/10/2016	REL	2374	11/10/2016	2795	S10005
2899	S10017	Super01	SO16111002	0	11/11/2016	11/10/2016	11/10/2016	REL	2372	11/10/2016	2791	S10017

General | Shipping Info | Line Items | Item Attributes | Line Backs | Allocation Groups | P/L Charges | Allocation Info | Tasks

Task No	Type	Status	Order No	Line Item ID	Owner ID	Source Loc	Src Loc	Src Pack ID	Task Qty	Com.	UOM	Drop Location	User	Comp. Date	Time	Plan ID	Area ID	
134049	PIC	CPS	2914	139677	ACME	160817	05C33	16081713	56	56	CS	16081713	S39	DEP	01/24/2017	10:37	200	EAST
134050	PIC	CPS	2914	239651	ACME	NA	05F37	16101702	10	10	CS	16101702	S39	DEP	01/24/2017	10:37	200	EAST
134051	PIC	CPS	2914	339662	ACME	151230	05F12	151230002	48	48	CS	151230002	S39	DEP	01/24/2017	10:37	200	EAST
134052	SHI	CPS	2914	339662	ACME	151230	S39	151230002	48	0	CS	151230002	S39	DEP	01/24/2017	10:39	200	SE
134053	SHI	CPS	2914	139677	ACME	160817	S39	16081713	56	0	CS	16081713	S39	DEP	01/24/2017	10:39	200	SE
134054	SHI	CPS	2914	239651	ACME	NA	S39	16101702	10	0	CS	16101702	S39	DEP	01/24/2017	10:39	200	SE

Cancel Pick

Shipment Scheduling-L1

**WISE**

Find

Shipped Date	Carrier	Appt Date	Manifest No	Volume	Cubic Ft	Weight Status
01/11/2017	HEIL	2835	75,656.00	44	1,585.00	LOA
	LPSG	2828	53,508.00	31	900.00	SHI
	ROADWA	2826	0.00	0	2,011.85	NEW
	GARDEW	2817	24,426.50	14	227.50	LOA
12/29/2016	HEIL	2812	0.00	0	0.00	SHI
	LTL	2809	14,087.50	8	280.00	LOA
	ROADWA	2807	0.00	0	768.00	LOA
	ROADWA	2805	0.00	0	768.00	LOA
	HEIL	2804	18,154.50	11	255.00	NEW
	HEIL	2802	0.00	0	0.00	SHI
	LPS	2797	0.00	0	98.00	NEW
	ROADWA	2795	0.00	0	0.00	NEW
	ROADWA	2791	0.00	0	1,172.40	LOA

Shipping Info | Shipment Details | Cartons | Attributes | Tasks | Catch Weight | Serial

Shipped Date: 12/07/2016

Carrier ID: HEIL

StopID: ACME

Name: ACME DISTRIBUTION, INC.

Address 1: 28240 FIRST ST

Address 2: LOT 28

Address 3:

City: ST LOUIS

State: MO

Zip Code: 63115

Country: USA

Called By:

Date Called:

Appointment:

Appointment Date:

Est Ship Date:

Bill Of Lading: 456

Manifest No: 2835

Seal No:

Pro No:

Driver ID:

Truck ID:

Available Tasks

Weight: 1,585.00

Volume: 76,656.00

Freight: 0.00

Dock: S39

Yard Loc:

Form Status:

Pick: 0

Pack: 0

Pallet: 0

Ship: 0

Process

Release Short

Ship Complete

Close Shipment

Split

Temperature

Refrigeration Equipment:

Trailer

Rear: 0.00

Center: 0.00

Front: 0.00

Product

Rear: 0.00

Center: 0.00

Front: 0.00

Shows all allocation

Soft allocation reserves in bulk

Hard allocation for specific items

By location, by item

Shipping system managed by dock door or exit process

# 2e. Document shipment of ordered or requisitioned stock items.



Date 1/24/2017 **BILL OF LADING** Page 1 of 1

<b>SHIP FROM</b>		Bill of Lading Number: 0000000000000456 LOAD#	
Name: Address: City/State/Zip: SID#:		CARRIER: HEIL HEIL TRANSPORTATION Trailer number: Seal number(s):	
<b>SHIP TO</b>		SCACHEIL Pro number:	
Name: ACME DISTRIBUTION, INC. Location: N/A Address: 28240 FIRST ST LOT 28 City/State/Zip: ST LOUIS, MO 63115 CID#:			
<b>THIRD PARTY FREIGHT CHARGES BILL TO</b>		<b>Freight Charge Terms</b>	
Name: Address: City/State/Zip:		Prepaid Collect 3rd Party:	
<b>SPECIAL INSTRUCTIONS</b>		Master Bill of Lading with attached underlying Bill of Lading	
<b>CUSTOMER ORDER INFORMATION</b>			
Customer Order Number	#PKGS	WEIGHT	PALLETS/SLIP
See Annexed Manifest	6	1,585.00	(Y) (N)
			Y (N)
			Y (N)
			Y (N)
			Y (N)
			Y (N)
<b>GRAND TOTAL</b>	6	1,585.00	
<b>CARRIER INFORMATION</b>			
<b>HANDLING UNIT</b>		<b>PACKAGE</b>	
QTY	TYPE	QTY	TYPE
	PALLET	10	CTNS
	PALLET	48	CTNS
	PALLET	56	CTNS
0.00		114.00	
		0.00	
		<b>GRAND TOTAL</b>	
Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: The agreed or declared value of the property is specially stated by the shipper to be not exceeding _____ per _____.		COD Amount \$ _____ Fee terms: Collect <input type="checkbox"/> Prepaid <input type="checkbox"/> Customer check acceptable <input type="checkbox"/>	
<b>NOTE Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. * 1470(c)(1)(A) and (B)</b>			
RECEIVED: Shippers to immediately determine rates of collection that are effective upon filing between the carrier and shipper. If applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request, and to all applicable state and federal regulations.		The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges	
<b>SHIPPER SIGNATURE DATE</b> This is to certify that the above named materials are properly classified, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the DOT		<b>CARRIER SIGNATURE/PICKUP DATE</b> Carrier to certify that the above named materials are properly classified, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the DOT	

ABC Company - LM **BILL OF LADING** 01/24/2017 10:45 am

**SHIPMENT # 2835**

<b>SHIP FROM:</b>		<b>SHIP TO:</b>	
		ACME DISTRIBUTION, INC. 28240 FIRST ST LOT 28 ST LOUIS, MO 63115 USA	
Tel: Fax:			
<b>BILL FREIGHT TO:</b>		<b>SOLD TO:</b>	
ACME DISTRIBUTION, INC. 28240 FIRST ST ST LOUIS, MO 63115 USA		ACME DISTRIBUTION, INC. 28240 FIRST ST LOT 28 ST LOUIS MO 63115 USA	

Remarks:

Order Date	Req Ship Date	Customer No.	Reference #	Carrier
1/17/17	1/24/17	ACME	SO17011802	HEIL HEIL TRANSPORTATION

OrderNo	PO NO.	Line	ItemID	Description	Owner	Net Weight	Gross Weight	QTY Shipped	QTY Order
2914		1	39677	WELCH'S FOUR BERRY ACME		840.00	840.00	56	56
2914		2	39651	BOUNTY PAPER TOWEL ACME		25.00	25.00	10	10
2914		3	39662	LIFESAVERS 5 FLAVORS ACME		720.00	720.00	48	48
<b>TOTAL PIECES</b>		<b>TOTAL CARTONS</b>		<b>TOTAL NET WEIGHT</b>		<b>TOTAL GROSS WEIGHT</b>			
114		6		1,585.00		1,585.00			

Refrigeration equipment Operational  Yes  No

Pre-Cooled Trailer Temperature	Rear	0.00	Center	0.00	Front	0.00
Product Temperature	Rear	0.00	Center	0.00	Front	0.00

Received, subject to the negotiated terms and conditions, goods described herein. The carrier agrees to deliver packages marked, labeled and in proper condition for transportation according to applicable transport regulations to consigned destination if on its route, otherwise deliver to another carrier on the route to said destinations.

CUSTOMER SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_ CARRIER SIGNATURE \_\_\_\_\_ DATE/ACM \_\_\_\_\_

Printed by: R4 User Page 1 of 1

**All the necessary paperwork  
VIC Bill of Lading**

**Works off RF devices if necessary**

**Not generated until all data is correct**

**2.e**

## 2f. Capture the information about the shipment of inventory, including shipping method, who is to receive shipment, and shipping tracking numbers.



The screenshot shows the WISE web application interface. At the top, the 'WISE' logo is displayed in large red letters. Below the logo, the user is logged in as 'ACME DISTRIBUTION INC. (ACME)' with the address '300 Baker Ave. Suite 101, Concord, MA 01742 US'. The main content area is a table of orders with columns for Order No., Source Document, Ship To, Status, Order Date, Shipping Method, and Shipped Date. The table contains 28 rows of order data.

Order No.	Source Document	Ship To	Status	Order Date	Shipping Method	Shipped Date
2914	SO17011802	ACME DISTRIBUTION, INC.	In Process	01/17/17	HEIL TRANSPORTATION	01/01/0001
2913	SO17011304	Ondo WA BROADWAY	In Process	01/13/17	ROADWAY TRANSPORTATION	01/01/0001
2912	SO17011103	Wordwire TX	Shipped	01/10/17	UPS GROUND	01/11/2017
2910	SO17010602	Kwidoo GA EUCLID	In Process	01/05/17	LTL LIMITED	01/01/0001
2909	SO17010502	Wordwire TX	In Process	01/05/17	GARDEMMIE TRANSPORTATION	01/01/0001
2908	SO1612291	Ondo WA BROADWAY	Shipped	12/29/16	HEIL TRANSPORTATION	12/29/2016
2907	SO16122202	Ondo WA BROADWAY	In Process	12/21/16	LTL LIMITED	01/01/0001
2906	SO16121402	Jumppad TX	In Process	12/14/16	ROADWAY TRANSPORTATION	01/01/0001
2905	SO16121401	Jumppad TX	In Process	12/14/16	ROADWAY TRANSPORTATION	01/01/0001
2904	SO16112302	GEBR. JONAS B.V.	In Process	12/12/16	HEIL TRANSPORTATION	01/01/0001
2903	SO16120101	Kwidoo GA EUCLID	In Process	12/01/16	UPS GROUND	01/01/0001
2902	SO123445	ACME DISTRIBUTION, INC. #2	In Process	11/30/16	HEIL TRANSPORTATION	01/01/0001
2900	SO16101708	Iba	In Process	11/10/16	ROADWAY TRANSPORTATION	01/01/0001
2894	SO16101707	Iba	In Process	10/19/16	ROADWAY TRANSPORTATION	01/01/0001
2893	SO16101307	Fiware	Shipped	10/17/16	HEIL TRANSPORTATION	10/17/2016
2892	SO16101306	Fiware	In Process	10/13/16	HEIL TRANSPORTATION	01/01/0001
2891	SO16101302	Ondo WA BROADWAY	In Process	10/12/16	UPS GROUND	01/01/0001
2887	SO16081415	Myware	In Process	10/07/16	UPS GROUND	01/01/0001
2886	SO16100404	Jumppad TX	In Process	10/03/16	ROADWAY TRANSPORTATION	01/01/0001
2885	SO16100401	Jumppad TX	Shipped	10/03/16	ROADWAY TRANSPORTATION	10/03/2016
2884	SO16100306	Myware	Shipped	10/02/16	LTL LIMITED	10/03/2016
2883	SO16100301	GEBR. JONAS B.V.	In Process	10/02/16	HEIL TRANSPORTATION	01/01/0001
2879	SO16081501	Jumppad TX	In Process	09/15/16	ROADWAY TRANSPORTATION	01/01/0001
2877	SO16081411	Fandui TX MAIN	In Process	09/14/16	ROADWAY TRANSPORTATION	01/01/0001
2876	SO16081401	Kwidoo GA EUCLID	In Process	09/13/16	ROADWAY TRANSPORTATION	01/01/0001

The screenshot shows the WISE web application interface for a specific order. The 'WISE' logo is at the top. The user is logged in as 'ACME DISTRIBUTION INC. (ACME)' with the address '300 Baker Ave. Suite 101, Concord, MA 01742 US'. The main content area displays the details for Order No. 2912. It includes a 'Shipping Info' section with details for the ship-to location and shipping method. Below this is a table of order lines with columns for Line, Item ID, Description, UOM, Lot ID, Qty Ordered, and Qty Shipped.

Line	Item ID	Description	UOM	Lot ID	Qty Ordered	Qty Shipped
1	10101	RICE BAGGED PALLETIZED MULGRAIN 47 20X50S 50LB BAGS 50 BAC CS	CS		50	50
2	39677	WELCH'S FOUR BERRY MIX 5 X 10 BOX 8 X 7 FF 56	CS		56	56
3	39651	BOUNTY PAPER TOWELS 8 PACK 10x5	CS		24	24

Ship to Order  
Cancelled Orders  
My Orders  
Full Security for outside users

Limits access by group or division

See different data based on your role and privileges

2.f

# 2g. Change inventory levels for items that have been moved or shipped from the warehouse or other locations.



Inventory Locator-L1

**WISE**

Item ID	Owner ID	Description	Qty On Hand	Qty Allocated	Qty Available	Qty Expected	Lot	CatchWeight	Roll	Serial Type	
10101	ACME	RICE BAGGED PALLETIZED MULGRAI	302	12	290	108	yes	no	no	Standard	
10102	ACME	TALAPIA FILETS CW ITEM APPROX	78	3	75	58	yes	no	no	Standard	
10232	WELCH01	BOUNTY PAPER TOWELS 8 PACK 10x	440	300	140	220	no	no	no	Standard	
10301	ACME	DELL PRECISION CPU CLASS A-2 T	48	4	44	14	no	no	no	yes	Standard
10302	ACME	MICROSWITCH NO LEVER THH 12x1	236	38	198	420	yes	no	no	Standard	
10302	Super01	WELCH'S GRAPE JUICE 6-PACK 12	134	4	130	0	yes	no	no	Standard	
10401	ACME	ROLL CARPET BLUE INDUSTRIAL 4	4	3	1	8	yes	no	yes	no	Standard
10402	ACME	ROLL CARPET BEIGE APARTMENT 2	2	1	1	4	yes	no	yes	no	Standard
155401	ACME	BLUEFIRE MAPP GAS Packing:16oz	3536	138	3,398	460	yes	no	no	Standard	
155402	ACME	BLUEFIRE PROPANE GAS Packing:1	2291	134	2,157	934	yes	no	no	Standard	
20213	WELCH01	16OZ VARIETY PACK	0	0	0	0	no	no	no	no	OrderKit
23212	ACME	CHECI PRO FOOT AND NAIL FILE P	0	0	0	0	yes	no	no	no	Standard
31110-01	31110	RICE BAGGED PALLETIZED MULGRAI	422	0	422	72	yes	no	no	no	Standard
31110-02	31110	REBAR NON-ASTM GR.100 STANDARD	27	0	27	1	yes	no	no	no	Standard
31110-02	ACME	REBAR NON-ASTM GR.100 STANDARD	0	0	0	0	yes	no	no	no	Standard
39651	ACME	BOUNTY PAPER TOWELS 8 PACK 10x	1802	334	1,468	621	no	no	no	no	Standard
39662	ACME	LIFESAVERS S FLAVORS VARIETY P	1354	99	1,255	720	yes	no	no	no	Standard
39666	ACME	CHECI PRO FOOT AND NAIL FILE P	0	0	0	96	yes	no	no	no	Standard
39677	ACME	WELCH'S FOUR BERRY MIX 5 X 10	1455	92	1,363	872	yes	no	no	no	Standard
39678	ACME	120 V UniSpense PRO, N America	240	8	232	60	no	no	no	no	Standard

Inventory Detail | Item Picture | Order Allocation | Work Order Allocation | Weights | Serial | Receipts | Shipments

Zone ID	Location ID	Item	Pack ID	UOM Code	Qty On Hand	Qty Allocated	Available	Inv. Status	MSC Code	Lot ID	Expiration Date	Receipt ID	Creation Date	AltQOH	AltQA	AltQA
LEVEL-1	05A15		160205003	CS	48	0	48	AVL	AVL	160205		1164	02/05/2016	0.00	0.00	0
LEVEL-1	05A19		160227002	CS	48	0	48	AVL	AVL	160227		1176	02/25/2016	0.00	0.00	0
LEVEL-1	05A20		160308009	CS	48	0	48	AVL	AVL	RW01		1179	03/08/2016	0.00	0.00	0
LEVEL-1	05A21		160309004	CS	96	0	96	HLD	HLD	535435		1191	03/09/2016	0.00	0.00	0
LEVEL-1	05A21		16042502	CS	48	0	48	AVL	AVL	160425		1205	04/25/2016	0.00	0.00	0
LEVEL-1	05A26		16122202	CS	24	0	24	AVL	AVL	161222	01/01/2000	1333	12/22/2016	0.00	0.00	0
LEVEL-2	05B31		16071403	CS	48	0	48	AVL	AVL	160714		1269	07/14/2016	0.00	0.00	0

Attr Code Description: STATUS STATUS  
 Sublot: SUB LOT ID  
 Velocity: VELOCITY PICK VELOCITY

Attr Value: GOOD  
 Lot ID: 160205

Inventory Locator-L1

**WISE**

Qty On Hand	Qty Allocated	Qty Available	Qty Expected	Lot	CatchWeight	Roll	Serial Type
1306	99	1,207	720	yes	no	no	Standard

Inventory Detail | Item Picture | Order Allocation | Work Order Allocation | Weights | Serial | Receipts | Shipments

Zone ID	Location ID	Item	Pack ID	UOM Code	Qty On Hand	Qty Allocated	Available	Inv. Status	MSC Code	Lot ID	Expiration Date	Receipt ID	Creation Date	AltQOH	AltQA	Alt Available
LEVEL-1	05A15		160205003	CS	48	0	48	AVL	AVL	160205		1164	02/05/2016	0.00	0.00	0
LEVEL-1	05A19		160227002	CS	48	0	48	AVL	AVL	160227		1176	02/25/2016	0.00	0.00	0
LEVEL-1	05A20		160308009	CS	48	0	48	AVL	AVL	RW01		1179	03/08/2016	0.00	0.00	0
LEVEL-1	05A21		160309004	CS	96	0	96	HLD	HLD	535435		1191	03/09/2016	0.00	0.00	0
LEVEL-1	05A21		16042502	CS	48	0	48	AVL	AVL	160425		1205	04/25/2016	0.00	0.00	0
LEVEL-1	05A26		16122202	CS	24	0	24	AVL	AVL	161222	01/01/2000	1333	12/22/2016	0.00	0.00	0
LEVEL-2	05B31		16071403	CS	48	0	48	AVL	AVL	160714		1269	07/14/2016	0.00	0.00	0

Attr Code Description: STATUS STATUS  
 Sublot: SUB LOT ID  
 Velocity: VELOCITY PICK VELOCITY

Attr Value: GOOD  
 Lot ID: 160205

On hand versus what is available

Deduction for what has been shipped

Real time inventory balances from location to location

Until item is shipped. it is still in inventory and tracked

2.g

# Over 100 standard and ad hoc reports for stakeholders come packaged with WISE Logistics



**Item Definition-L1**

Owner ID	Item ID	Group Code	Description
31110	31110-01	DRYNA	RICE BAGGED PALLETIZED MULGRAIN 47 20X50S 50LB BAGS 72 BAGS = STANDARD PALLET
31110	31110-02	DRY	REBAR NON-ASTM GR100 STANDARD 19mm 24 x BUNDLE 3400 LBS
35067	JE150416673	DRYNA	MICROSWITCH NO LEVER
35067	JE150279733	DRYNA	INDUSTRIAL R4M5 MODULAR PLUG
ACME	10301	SER	DELL PRECISION CPU CLASS A-2 TH1 10x6 FP 60
ACME	10401	RL	ROLL CARPET BLUE INDUSTRIAL 4 PER PALLET
ACME	10402	RL	ROLL CARPET BEIGE APARTMENT 2 PER PALLET
ACME	10302	DRYNA	MICROSWITCH NO LEVER TH1 12x12 FP 144
ACME	39662	REFR	LIFESAVERS 5 FLAVORS VARIETY PACK 20 EA CNT 8 X 6 FP 48
ACME	39677	FROZEN	WELCH'S FOUR BERRY MIX 5 X 10 BOX 8 X 7 FP 56
ACME	39651	DRYNA	BOUNTY PAPER TOWELS 8 PACK 10x5
ACME	39678	DRYNA	120 V UnSense PRO, N American Cord

Item ID: 39662  
Owner ID: ACME  
Description: LIFESAVERS 5 FLAVORS VARIETY PACK 20 EA CNT 8 X 6 FP 48

UOM: CS  
Hazard ID:  
Group Code: REFR  
Commodity ID:  
ABC Rank: B

Lot Control  
 Catch Weight  
 Serial Numbers  
 Roll  
 Hold

**Filter Builder**

Query Name: [Empty]

Save for: All Users

Fields: BeginningDate, Catch Weight, Commodity ID, Create Date, Cycle Count Group, Description, EntryCode, Group Code, Hazard ID, Hold, Item ID, Last Count Date, Owner ID, Protect From Freezing

Operators: =, <, >, <=, >=, And, Or, Begins

**Inventory Movement Report**

ABC Company - LM  
1/24/2017 11:09 am

Item	TransDate	TransType	Description	Quantity	UOM	Balance	Document	Owner	SourceDoc	AddInfo
10101			RICE BAGGED PALLETIZED MULGRAIN 47 20X50S 50LB BAGS 72 BAGS = STANDARD PALLET		CS			ACME		
	7/5/2016	Receipt		80	CS	1256	PO1607051	Bay Valley Foods		
	7/5/2016	Shipment		80	CS	0	SO1607052	Jumppad TX		
	7/5/2016	Receipt		80	CS	1259	PO1607053	Superior Distributors Inc		
	7/5/2016	Shipment		80	CS	0	SO1607054	Kwidoo GA EUCLID		
	7/5/2016	Receipt		80	CS	1262	PO1607063	Bay Valley Foods		
	7/6/2016	Shipment		80	CS	0	SO1607062	Yombee FL BROADWAY		
	7/12/2016	Receipt		50	CS	1266	PO16071201	Superior Distributors Inc		
	8/4/2016	Adjustment		-1	CS	49		Task# 133265		
	9/13/2016	Receipt		25	CS	1296		ACME DISTRIBUTION		
	10/2/2016	Receipt		50	CS	124	1302	PO16100303	Gebr. Jonas BV	
	10/12/2016	Receipt		50	CS	174	1317	PO16101301	ACME DISTRIBUTION	
	10/17/2016	Receipt		50	CS	224	1318	PO16101701	ACME DISTRIBUTION	
	10/17/2016	Shipment		8	CS	216	2893	SO16101307	Fiware	
	10/19/2016	Receipt		25	CS	241	1319	PO16101704	ACME DISTRIBUTION	
	10/19/2016	Receipt		25	CS	266	1319	PO16101704	ACME DISTRIBUTION	
	11/30/2016	Adjustment		-15	CS	251	0	Task# 133829		
	11/30/2016	Adjustment		-6	CS	246	0	Task# 133830		
	0/5/2017	Receipt		50	CS	296	1338	PO17010501	CONSOLIDATED SER	
	1/10/2017	Receipt		55	CS	352	1343	PO17011106	Bay Valley Foods	
	1/11/2017	Shipment		50	CS	302	2912	SO17011103	Wordwire TX	
10102			TALAPIA FILETS CW ITEM APPROX 4 LB 6X8		CS			ACME		
	7/5/2016	Receipt		80	CS	1256	PO1607051	Bay Valley Foods		
	7/5/2016	Receipt		20	CS	100	1257	PO1607062	Bay Valley Foods	
	7/5/2016	Shipment		80	CS	20	2829	SO1607062	Jumppad TX	
	7/5/2016	Receipt		48	CS	68	1259	PO1607053	Superior Distributors Inc	
	7/5/2016	Adjustment		-20	CS	48	0	D		
	7/5/2016	Receipt		48	CS	96	1258	DS1607054	Bay Valley Foods	
	7/5/2016	Receipt		96	CS	0	2831	PO1607054	Kwidoo GA EUCLID	
	7/5/2016	Receipt		48	CS	48	1262	PO1607063	Bay Valley Foods	
	7/6/2016	Receipt		48	CS	96	1264	CSD16070502	Bay Valley Foods	
	7/6/2016	Shipment		96	CS	0	2833	SO1607062	Yombee FL BROADWAY	
	7/12/2016	Receipt		30	CS	30	1266	PO16071201	Superior Distributors Inc	
	9/13/2016	Receipt		10	CS	40	1296		ACME DISTRIBUTION	
	10/12/2016	Receipt		48	CS	88	1317	PO16101301	ACME DISTRIBUTION	
	10/17/2016	Shipment		10	CS	78	2893	SO16101307	Fiware	
10232			BOUNTY PAPER TOWELS 8 PACK 10x5		CS			WELCH01		
	7/9/2016	Receipt		50	CS	50	1110	PO1507080	Bay Valley Foods	
	7/9/2016	Receipt		50	CS	100	1110	PO1507080	Bay Valley Foods	
	7/9/2016	Shipment		50	CS	50	2687	PO15070901	Kwidoo GA EUCLID	
	7/9/2016	Receipt		50	CS	100	1111	PO15070901	Bay Valley Foods	
	7/9/2016	Shipment		50	CS	50	2688		Biogly	
	8/3/2016	Adjustment		10	CS	50				
	8/4/2016	Receipt		50	CS	110	1113	PO1508040	Bay Valley Foods	
	8/10/2016	Receipt		50	CS	160	1119	PO15081001	Bay Valley Foods	

Printed by: R4 User Page: 1 / 14

## Reports

# 3.0 Pull data for analysis and reporting and display and/or print information in multiple formats.



**Performance Dashboard Picking Workload Task/Qty-L1**

Pick Workload by Number of Tasks: 274

Pick Workload by Qty: 12328

**Performance Dashboard Space Utilization-L1**

Space Utilization: 35.96% Empty, 64.04% Full

**Expected Receipts by Owner Chart-L1**

Expected Receipts By Owner: 58.98%, 24.06%

**Stock Status Report**

ABC Company - LM 01/24/2017 11:03 am

ItemID	LocationID	Owner	UOM	Description	Type	QtyOnHand	GroupCode	QtyAllocated
10101	05A33	ACME		RICE BAGGED PALLETIZED MULGRAI	Standard	39	REFR	5
	S39					2		2
	S39					5		5
	05A36					50		0
	05C38					50		0
	05D39					25		0
	05C40					50		0
	DBP					65		0
	05F39					25		0
		CS		TOT:		302		12
10102		ACME		TALAPIA FILETS CW ITEM APPROX 4	Standard		FROZEN	
	05F30					27		0
	S39					3		3
	05D39					48		0
		CS		TOT:		78		3
10232		WELCH01		BOUNTY PAPER TOWELS 8 PACK 10x	Standard		DRYNA	
	05A01					2		2
	05E03					50		50
	05F06					40		0
	05F22					50		0
	23E02					50		50
	RE01					50		0
	S39					198		198
		CS		TOT:		440		300
10301		ACME		DELL PRECISION CPU CLASS A-2 TH	Standard		SER	
	05A32					1		0
	05B33					1		1
	05C34					12		0
	05C36					8		0
	05E32					12		2
	05E34					12		0
	RE01					1		0
	S39					1		1
		EA		TOT:		48		4
10302		ACME		MICROSWITCH NO LEVER TH 12x12 I	Standard		DRYNA	
	05A08					18		18
	S39					2		2
	DBP					144		0
	05F37					72		18
		EA		TOT:		236		38
	23D25					34		4
	23F24					100		0
		EA		TOT:		134		4
10401		ACME		ROLL CARPET BLUE INDUSTRIAL 4 P	Standard		RL	
	05B32					4		3
		EA		TOT:		4		3

**Inventory List:**

ItemID	LocationID	Owner	Description	Type	QtyOnHand	GroupCode	QtyAllocated
3 39677		ACME	WELCH'S FOUR BERRY MIX 5 X 10 E				
1,339 New		ACME	ACME DISTRIBUTION INC.	No	1/5/2017		
1 39651		ACME	BOUNTY PAPER TOWELS 8 PACK 10				
2 10302		ACME	MICROSWITCH NO LEVER TH 12x12				
3 39662		ACME	LIFESAVERS 5 FLAVORS VARIETY P				
1,340 New		Super01	Superior Distributors Inc.	No	1/9/2017		
1 40320		Super01	BOUNTY PAPER TOWELS 8 PACK 10				
2 40310		Super01	Tomatoes Single Layer. Red PLU: 315				
3 40314		Super01	WELCH'S FOUR BERRY MIX 5 X 10 6				
4 40313		Super01	TALAPIA FILETS CW ITEM APPROX 4				
1,342 New		Super01	Superior Distributors Inc.	No	1/9/2017		
1 40320		Super01	BOUNTY PAPER TOWELS 8 PACK 10				
2 40310		Super01	Tomatoes Single Layer. Red PLU: 315				
3 40314		Super01	WELCH'S FOUR BERRY MIX 5 X 10 6				
4 40313		Super01	TALAPIA FILETS CW ITEM APPROX 4				
1,343 Close		BAYVF01	Bay Valley Foods	No	1/10/2017		
1 39651		ACME	BOUNTY PAPER TOWELS 8 PACK 10				
2 39677		ACME	WELCH'S FOUR BERRY MIX 5 X 10 E				
3 10101		ACME	RICE BAGGED PALLETIZED MULGRA				

Printed by: R4 User

Graphics distilled from reports shipped with the system  
 Auto refresh at customer specified times  
 Can be used for warehouse deliveries

3.0



# 3a. Display information about inventory items including their attributes, stock levels, revision levels, etc.



Item Definition-L1

File View

Add  Cancel  Previous  Next  Refresh  Print Preview  Help  Links  Quit  R4Menu  System

Edit  Copy  Undo  Filter  Revert  Excel  Printer  PDF  Export

Record Navigation Data Export System

Owner ID	Item ID	Group Code	Description	Type
31110	31110-01	DRYNA	RICE BAGGED PALLETIZED MULGRAIN 47 20X50S 50LB BAGS 72 BAGS = STANDARD PALLETS	Standard
31110	31110-02	DRY	REBAR NON-ASTM GR 100 STANDARD 19mm 24 x BUNDLE 3400 LBS	Standard
35067	JE150416673	DRYNA	MICROSWITCH NO LEVER	Standard
35067	JE150279733	DRYNA	INDUSTRIAL RJ45 MODULAR PLUG	Standard
ACME	10301	SER	DELL PRECISION CPU CLASS A-2 THH 10x6 FP 60	
ACME	10401	RL	ROLL CARPET BLUE INDUSTRIAL 4 PER PALLET	
ACME	10402	RL	ROLL CARPET BEIGE APARTMENT 2 PER PALLET	
ACME	10302	DRYNA	MICROSWITCH NO LEVER THH 12x12 FP 144	
ACME	39662	REFR	LIFESAVERS 5 FLAVORS VARIETY PACK 20 EA CNT 8 X 6 FP 48	
ACME	39677	FROZEN	WELCH'S FOUR BERRY MIX 5 X 10 BOX 8 X 7 FP 56	
ACME	39651	DRYNA	BOUNTY PAPER TOWELS 8 PACK 10x5	
ACME	39678	DRYNA	120 V UniSpense PRO, N American Cord	

General | UOMs | Substitute | Kit | Attributes | Aliases

Item ID: 39662 Type: Standard

Owner ID: ACME

Description: LIFESAVERS 5 FLAVORS VARIETY PACK 20 EA CNT 8 X 6 FP 48 Creation Date: 08/07/2015 Shelf Life: 0

UOM: CS CycleCount Group: Last Count Date: 01/01/0001

Hazard ID: Var %: 0.00

Group Code: REFR

Commodity ID:

ABC Rank: B

Lot Control  
 Catch Weight  
 Serial Numbers  
 Roll  
 Hold

Inventory Locator-L1

File View

Previous  Next  Refresh  Print Preview  Help  Links  Quit  R4Menu  System

First  Last  Filter  Revert  Excel  Printer  PDF  Export

Navigation Data Export System

Item ID	Owner ID	Description	Qty On Hand	Qty Allocated	Qty Available	Qty Expected Lot	CatchWeight	Roll	Serial Type	
39662	ACME	LIFESAVERS 5 FLAVORS VARIETY P	1306	99	1,207	720	yes	no	no	Standard

Inventory Detail | Item Picture | Order Allocation | Work Order Allocation | Weights | Serial | Receipts | Shipments

Zone ID	Location ID	Pack ID	UOM Code	Qty On Hand	Qty Allocated	Available Inv.	Status	MSC Code	Lot ID	Expiration Date	Receipt ID	Creation Date	AIQOQH	AIQA	Alt Available
LEVEL-1	05A15	160205003	CS	48	0	48	AVL	AVL	160205		1164	02/05/2016	0.00	0.00	0
LEVEL-1	05A19	160227002	CS	48	0	48	AVL	AVL	160227		1176	02/25/2016	0.00	0.00	0
LEVEL-1	05A20	160308009	CS	48	0	48	AVL	AVL	RW01		1179	03/08/2016	0.00	0.00	0
LEVEL-1	05A21	160309004	CS	96	0	96	HLD	HLD	535435		1191	03/09/2016	0.00	0.00	0
LEVEL-1	05A21	160425002	CS	48	0	48	AVL	AVL	160425		1205	04/25/2016	0.00	0.00	0
LEVEL-1	05A26	161222002	CS	24	0	24	AVL	AVL	161222	01/01/2000	1333	12/22/2016	0.00	0.00	0
LEVEL-2	05B31	16071403	CS	48	0	48	AVL	AVL	160714		1269	07/14/2016	0.00	0.00	0

Attr Code Description Attr Value

STATUS STATUS GOOD Lot ID: 160205

SUBLOT SUB LOT ID 160205RE01

VELOCITY PICK VELOCITY

3.a

# 3b Produce standard and ad hoc reports for stakeholders.



**Item Definition-L1**

Owner ID	Item ID	Group Code	Description
31110	31110-01	DRYNA	RICE BAGGED PALLETIZED MULGRAIN 47 20X50S 50LB BAGS 72 BAGS = STANDARD PALLET
31110	31110-02	DRY	REBAR NON-ASTM GR100 STANDARD 19mm 24 x BUNDLE 3400 LBS
35067	JE150416673	DRYNA	MICROSWITCH NO LEVER
35067	JE150279733	DRYNA	INDUSTRIAL R345 MOILAR PLUG
ACME	10301	SER	DELL PRECISION CPU CLASS A-2 TH1 10V6 FP 60
ACME	10401	RL	ROLL CARPET BLUE INDUSTRIAL 4 PER PALLET
ACME	10402	RL	ROLL CARPET BEIGE APARTMENT 2 PER PALLET
ACME	10302	DRYNA	MICROSWITCH NO LEVER TH1 12x12 FP 144
ACME	39662	REFR	LIFESAVERS 5 FLAVORS VARIETY PACK 20 EA CNT 8 X 6 FP 48
ACME	39677	FROZEN	WELCH'S FOUR BERRY MIX 5 X 10 BOX 8 X 7 FP 56
ACME	39651	DRYNA	BOUNTY PAPER TOWELS 8 PACK 10x5
ACME	39678	DRYNA	120 V Unisense PRO, N American Cord

General | UOMs | Substitute | Attributes | Aliases

Item ID: 39662    Type: Standard

Owner ID: ACME

Description: LIFESAVERS 5 FLAVORS VARIETY PACK 20 EA CNT 8 X 6 FP 48

Creation Date: 08/07/2015

Shelf Life: 0


CycleCount Group:    Last Count Date: 01/01/0001

UOM: CS    Var %: 0.00

Hazard ID:    Group Code: REFR

Commodity ID:    ABC Rank: B

Lot Control  
 Catch Weight  
 Serial Numbers  
 Roll  
 Hold



**Filter Builder**

Query Name:    Save for: All Users

BeginningDate  
 Catch Weight  
 Commodity ID  
 Create Date  
 Cycle Count Group  
 Description  
 Entry Code  
 Lot Serial  
 Hazard ID  
 Hold  
 Item ID  
 Last Count Date  
 Owner ID  
 Protect From Freezing

Qty Allocated    Qty Expected    Qty On Hand    RankID    Roll    Serial Numbers    Shelf Life    Type    Var %

And    Or    Begins

**ABC Company - LM**    12/2/2017 11:09 AM

**ROYALS 4 SYSTEMS Inventory Movement Report**

Item	TransDate	TransType	Description	Quantity	UOM	Balance	Document	Owner	SourceDoc	AddInfo
<b>10101</b>			<b>RICE BAGGED PALLETIZED MULGRAIN 47 20</b>					<b>ACME</b>		
	7/5/2016	Receipt		80	CS	80	1256	PO1607051		Bay Valley Foods
	7/5/2016	Shipment		80	CS	0	2829	SO1607062		Jumppat TX
	7/5/2016	Receipt		80	CS	80	1269	PO1607053		Superior Distributors In
	7/5/2016	Shipment		80	CS	0	2831	SO1607054		Kwidoo GA EUCLID
	7/5/2016	Receipt		80	CS	80	1262	PO1607063		Bay Valley Foods
	7/12/2016	Shipment		80	CS	0	2833	SO1607062		Yombee FL BROADWA
	7/12/2016	Receipt		80	CS	80	1266	PO16071201		Superior Distributors In
	8/4/2016	Adjustment		-1	CS	49		Tax# 193266		
	9/13/2016	Receipt		25	CS	74	1266			ACME DISTRIBUTION
	10/2/2016	Receipt		50	CS	124	1302	PO16100303		Gebr. Jonas BV
	10/12/2016	Receipt		50	CS	174	1317	PO16101301		ACME DISTRIBUTION
	10/17/2016	Receipt		50	CS	224	1318	PO16101701		ACME DISTRIBUTION
	10/17/2016	Shipment		8	CS	216	2893	SO16101307		Fiware
	10/19/2016	Receipt		25	CS	241	1319	PO16101704		ACME DISTRIBUTION
	10/19/2016	Receipt		25	CS	266	1319	PO16101704		ACME DISTRIBUTION
	11/30/2016	Adjustment		-15	CS	251	D	Tax# 133828		
	11/30/2016	Adjustment		-4	CS	246	D	Tax# 133830		
	1/5/2017	Receipt		50	CS	296	1338	PO17010501		CONSOLIDATED SER
	1/10/2017	Receipt		56	CS	352	1343	PO17011106		Bay Valley Foods
	1/11/2017	Shipment		50	CS	302	2912	SO17011103		Wordwire TX
<b>10102</b>			<b>TALAPIA FILETS CW ITEM APPROX 4 LB 6X8</b>					<b>ACME</b>		
	7/5/2016	Receipt		80	CS	80	1266	PO1607051		Bay Valley Foods
	7/5/2016	Receipt		20	CS	100	1257	PO1607062		Bay Valley Foods
	7/5/2016	Shipment		80	CS	20	2829	SO1607062		Jumppat TX
	7/5/2016	Receipt		48	CS	68	1269	PO1607053		Superior Distributors In
	7/5/2016	Adjustment		-20	CS	48	D			
	7/5/2016	Receipt		48	CS	96	1268	DS1607064		Bay Valley Foods
	7/5/2016	Shipment		96	CS	0	2831	SO1607064		Kwidoo GA EUCLID
	7/5/2016	Receipt		48	CS	48	1262	PO1607063		Bay Valley Foods
	7/5/2016	Receipt		48	CS	96	1264	CSD16070602		Bay Valley Foods
	7/6/2016	Shipment		96	CS	0	2833	SO1607062		Yombee FL BROADWA
	7/12/2016	Receipt		30	CS	30	1266	PO16071201		Superior Distributors In
	9/13/2016	Receipt		10	CS	40	1296			ACME DISTRIBUTION
	10/12/2016	Receipt		48	CS	88	1317	PO16101301		ACME DISTRIBUTION
	10/17/2016	Shipment		10	CS	78	2829	SO16101307		Fiware
<b>10232</b>			<b>BOUNTY PAPER TOWELS 8 PACK 10x5</b>					<b>WELCH01</b>		
	7/9/2015	Receipt		50	CS	50	1110	PO1507090		Bay Valley Foods
	7/9/2015	Receipt		50	CS	100	1110	PO1507090		Bay Valley Foods
	7/9/2015	Shipment		50	CS	50	2687	SO15070901		Kwidoo GA EUCLID
	7/9/2015	Receipt		50	CS	100	1111	SO15070901		Bay Valley Foods
	7/9/2015	Shipment		50	CS	50	2688			Biogly
	8/3/2015	Adjustment		10	CS	50				
	8/4/2015	Receipt		50	CS	110	1113	PO1508040		Bay Valley Foods
	8/10/2015	Receipt		50	CS	160	1119	PO15081001		Bay Valley Foods

Printed by: R4 User    Page: 1 / 14

3.b

# 4.0 Manage user access to the system.



User ID	Name	Level	Language	Autologoff	Timeout	Developer
3plinter	R4 User	9	ENGLISH	<input checked="" type="checkbox"/>	0	<input checked="" type="checkbox"/>
DBP	David Price	9	ENGLISH	<input checked="" type="checkbox"/>	0	<input checked="" type="checkbox"/>
r4	R4 User	9	ENGLISH	<input checked="" type="checkbox"/>	0	<input checked="" type="checkbox"/>
RF	RF User	9	ENGLISH	<input checked="" type="checkbox"/>	0	<input checked="" type="checkbox"/>
ufed		9	english	<input checked="" type="checkbox"/>	0	<input checked="" type="checkbox"/>

FunctionID	RunType	RunPgm
mrpinq,mrprcptsing	RU	pp/gui/wmrprcptsing.w
3pl.btdmaint	NC	tpw/gui/wbilltransdet.w
3pl.chgbycust	CR	tpw/creports/chgbycust.rpt
3pl.chgbytyp	CR	tpw/creports/chgbytyp.rpt
3pl.control	RU	tpw/gui/wcontrolpl.w
3pl.custtmch	CR	tpw/creports/custtmch.rpt
3pl.custrpic	NC	tpw/gui/wcustomercharge.w
3pl.custrate	CR	tpw/creports/custrate.rpt

## Complete Security

- a) Application security
- b) Application access authentication via (LDAP)
- c) Application server security administration
- d) Web server access authentication
- e) Database security administration; and
- f) Administrative security monitoring and maintenance

# 4a. Assign user access rights by identifying the roles that a systems user possesses.



User Maintenance-

File View

Edit: Add, Copy, Delete, Record; Cancel, Undo, Save; Navigation: Previous, Next, Last, First; Data: Filter, Refresh, Revert; Export: Excel, Print Preview, Printer, PDF; System: Links, Help, Quit, R4Menu

User ID	Name	Level	Language	Autologoff	Timeout	Developer
3plinter	R4 User	9	ENGLISH	<input checked="" type="checkbox"/>	0	<input checked="" type="checkbox"/>
DBP	David Price	9	ENGLISH	<input checked="" type="checkbox"/>	0	<input checked="" type="checkbox"/>
r4	R4 User	9	ENGLISH	<input checked="" type="checkbox"/>	0	<input checked="" type="checkbox"/>
RF	RF User	9	ENGLISH	<input checked="" type="checkbox"/>	0	<input checked="" type="checkbox"/>
ufed		9	english	<input checked="" type="checkbox"/>	0	<input checked="" type="checkbox"/>

General | Module/Entity | Profiles | Access Membership

Auto Create Auto Create All

Module ID	Owner	Valid Entity
3PL	LWC	*
AP	LWC	*
AR	LWC	*
BM	LWC	*
CM	LWC	*

User ID: DBP  
Start Module: 3PL  
Owner: LWC  
Valid Entity: \*

4.a

# 4b. Remove or modify access rights that a systems user possesses.



The screenshot shows the R4 Profiles application window. The title bar reads "Profiles-". The interface includes a menu bar with "File" and "View", and a ribbon with various toolbars: Edit, Record, Navigation, Data, Export, and System. A status bar at the top indicates "Default Profile is accessible". Below this is a table with columns "ProfileID" and "ProfileDesc".

ProfileID	ProfileDesc
ELS	ELS
fed	fed
R4Interf	R4 Interface Daemon
Web	Web

Below the table are two tabs: "General" and "User/Profile Administration". The "User/Profile Administration" tab is active, showing two lists of "User-id" and four navigation buttons: ">>", ">", "<", and "<<".

User-id	User-id
3plinter	
DBP	
r4	
RF	
ufed	

4.b



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