BWISE WMS Connector

For SAP Business One (SQL and HANA)

User Manual

Version 1.0

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BWISE WMS CONNECTOR

FOR SAP BUSINESS ONE (SQL AND HANA)

USER MANUAL

December 2023

BWISE

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Chapter 1 : Introduction

This manual is designed to provide all the necessary information to use the Universal Interface Adapter (UA) system.

The first chapter will help the end user to understand the interface components that are used throughout the UA system, so that navigation, screens, and general controls are clear to a user. This section will define the way this software behaves in general such as Sign On Procedures, System Navigation, Graphical User Interface and other common features and styles of the program screens and reports.

The following chapters of the manual will show the end user how to navigate and how to use all the different functions and its applications on the daily operations of the company and will cover all aspects in reference to the Universal Interface Adapter (UA) system. Much of the configuration data defines how the software operates and must be set up with the Royal 4 staff.

The following topics will be covered in this chapter:

- UA Product Overview
- UA Standard Layout to *WISE*
- UA Enterprise Application Integration
- UA Integration Protocols
- Sign On Procedures
- System Navigation
- Graphical User Interface
- UA System Menu

UA Product Overview

Royal 4's Open Architecture for Data Transformation (UA)

Royal 4's Universal Integration Adapter (UA) for data transformation lets us create just about any integration solution imaginable. Whether we want to integrate EDI purchase orders with an internal accounting database, convert accounts receivable files into XML invoices, upload and write back WMS functions (cycle count, order receipts etc.), or load inventory into an online catalog, Royal 4 has all of the integration tools needed.

Because the R4 UA is an "any-to-any" mapper, we can use it to integrate all incoming and outgoing e-commerce documents with internal applications. We can also use the R4 UA to integrate our internal applications. Plus, with the UA we have an enterprise application integration solution capable of coordinating the many diverse applications, databases, and e-commerce formats found throughout our enterprise. The R4 UA provides complete, integrated support for creating, maintaining, and running translation maps. R4 UA supports EDI standards (X12, EDIFACT , TRADACOMS and HL7) and other data formats like flat files, database tables (via OLE DB), and XML. R4 UA also supports mapping to free-form text formats like HTML.

With the Royal 4 Universal Integration Adapter we get:

EASY MODELING:

Before we can map between two data formats, we must first model those formats. With R4 UA, we can design models from scratch or import sample files or electronic specifications and let R4 UA design them for us.

MAPPING:

An ideal environment for map design and navigation, R4 UA includes diagnostic and debugging tools, plus map- viewing modes and rule-viewing options.

MAP TESTING AND DEBUGGING

R4 UA's map testing and debugging features help ensure that our map is accurate before it is placed into production.

SOLUTION MANAGER

Solution Manager gives us a central repository for managing solutions. For example, a map, its source and target models, any code tables or data links used by the map, as well as the trading partners assigned to it can be stored here.

TRADING PARTNER MANAGER (TPM)

With TPM, we can store a large amount of data for each of our trading partners so we can use it in our map rules.

HELPFUL UTILITIES

R4 UA helps us be more productive with utilities like a log viewer, EDI Dictionary Viewer, and EDI Notepad, R4's EDI editor.

ERP Application Bridges

R4 UA's ability to map data to and from XML, data file, and database formats makes it an excellent tool for ERP integration. Our clients use R4 UA every day to integrate with a wide variety of ERP systems including Infor, Sage, Epicor, Oracle, SAP and Microsoft AX, Dynamics and others. For some ERP systems that do not have API's, R4 offers ERP application bridges, which are R4 UA add-on components that smooth the way for integration between the ERP system's back end and the EDI documents that are exchanged with the trading partners.

INTEGRATION BRIDGE FOR SAP BUSINESS ONE

The integration bridge is developed using SAP Business One Service Layer. SAP Business One Service Layer is a new generation of extension API for consuming SAP Business One data and services. It builds on core protocols such as HTTP and OData, and provides a uniform way to expose full-featured business objects on top of a highly scalable and high-availability Web server.

DATA INTEGRATION FORMATS

- XML
- Data File
- SOAP-based Web Services and RESTful APIs
- Direct database access

CAPABLE PROTOCOLS

- SMTP
- HTTP & HTTPS
- POP3
- FTP, FTP/S & SFTP
- File system or user-defined

DATA

- Universal any-to-any data translator
- Easy to use drag and drop mapping interface can be added for clients wishing to create or modify their own maps
- Support for: JSON, XML, Data File, ODBC/OLE DB, fixed-width flat files, and CSV data files
- Versatile business rule engine
- WISE Staging Tables Repository for Inbound and Outbound data
- Posting of data to from Staging Tables using auto post daemons in R4
- Can schedule info pump queries to error reporting that can be used in R4 Alert system

DESIGN ADD-ON

- Easy Modeling
- Data Transformation using Easy Mapping tools
- Built-in map testing simplifies the creation process and enhance accuracy
- Support for W3c-IETF-Published XML security Standards
- Available upgrade includes a map version control system with user checkout/in, roll forward/backward, annotation/audit trails

- Solution deployment system provides easy promotion of completed map projects from development/test/staging systems to production/disaster recovery systems

COMMUNICATION

- Communication server/Event driver
- Data repository
- Management center
- Data flow is governed by input/output channels and event driven rules processing
- Robust error and exception handling capabilities

RECOMMENDATIONS

The R4 Universal Integration Adapter is recommended for the following reasons:

- Allows faster deployment than traditional “build to order” interface
- Provides an extensive set of functionality including built in error log reporting
- Allows for better support because all support engineers are familiar with product
- Provides better compatibility with latest hardware and OS, and easier for future upgrades
- Facilitates seamless interface to possible future systems that may be added later
- Real-time transaction monitoring allows for troubleshooting data errors as they occur

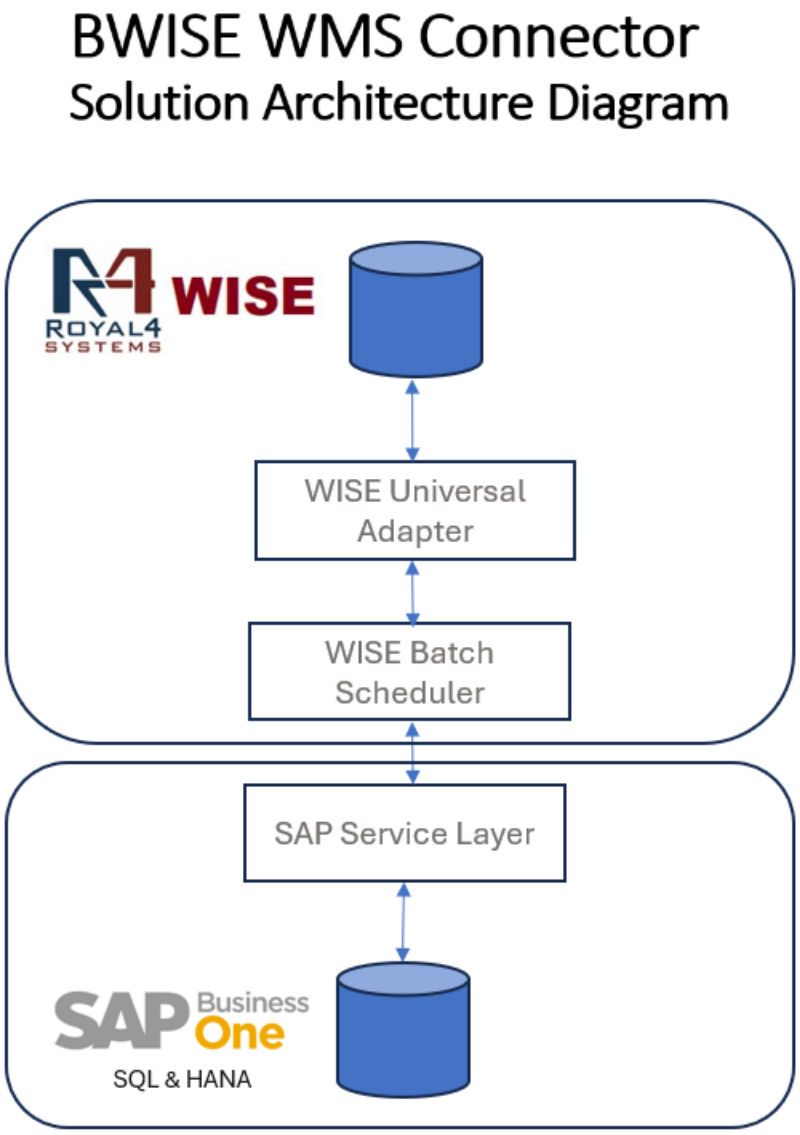
UA Standard Layout to *WISE*

This is the layout used for the standard Universal Interface Adapter to *WISE*.

Interface No.	Interface Name
1.0	**From B1 to WISE - Master Data (GET)**
1.1	Customers
1.2	Vendors
1.3	Items
1.4	UOM
2.0	**From B1 to WISE - Transactions (GET)**
2.1	Sales Orders
2.2	Purchase Orders
2.3	Return Requests (RMA)
2.4	Good Return Requests (RTV)
3.0	**From WISE to B1 - Transactions (POST)**
3.1	Receipt Confirmation
3.2	Pick List
3.2	Shipment Confirmation
3.3	Inventory Adjustments
3.5	Processed Sales Returns (RMA)
3.6	Processed Purchase Returns (RTV)
4.0	**Other Functionality**
4.1	Lot Control
4.2	Serialization
4.3	Attachments

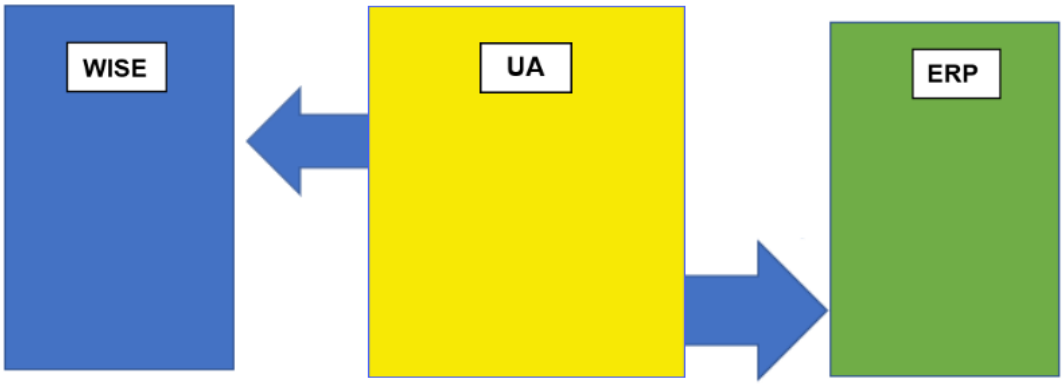
SAP Business One	WISE
Business Partner Master	Customers
Business Partner Master	Vendors
Item Master	Items
Unit of Measure	UOM
Sales Order	Order
Pick List	Released Order
Delivery Note	Shipment Confirmation
Return Request	Expected Receipt (RMA)
Return	Receipt Confirmation
Purchase Order	Expected Receipts
Goods Receipt PO	Receipt Confirmation
Goods Return Request	Order (RTV)
Goods Return	Shipment Confirmation
Goods Receipt/Goods Issue	Inventory Adjustment, Count

UA Enterprise Application Integration

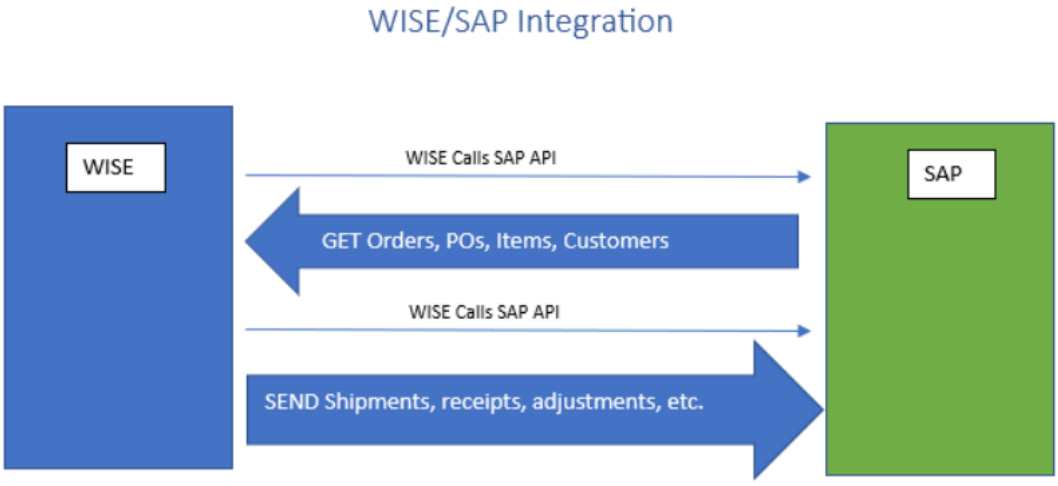


UA Integration Protocols

- This is information regarding to SAP Business One integration.
- *WISE* UA is standard for all integrations.
- SAP B1 Service Layer will be used, basically out of the box REST APIs from SAP.
- The data is always exchanged in JSON format.
- For SAP B1 service layer, SAP will not send or pull data from *WISE*.
- *WISE* UA API will call the SAP Service layer to use GET and POST.
- *WISE* UA will get the data from SAP and post the data to SAP .



WISE/SAP Integration



Sign On Procedures

This section will show the end user how to start a session in the Universal Interface Adapter (UA) system.

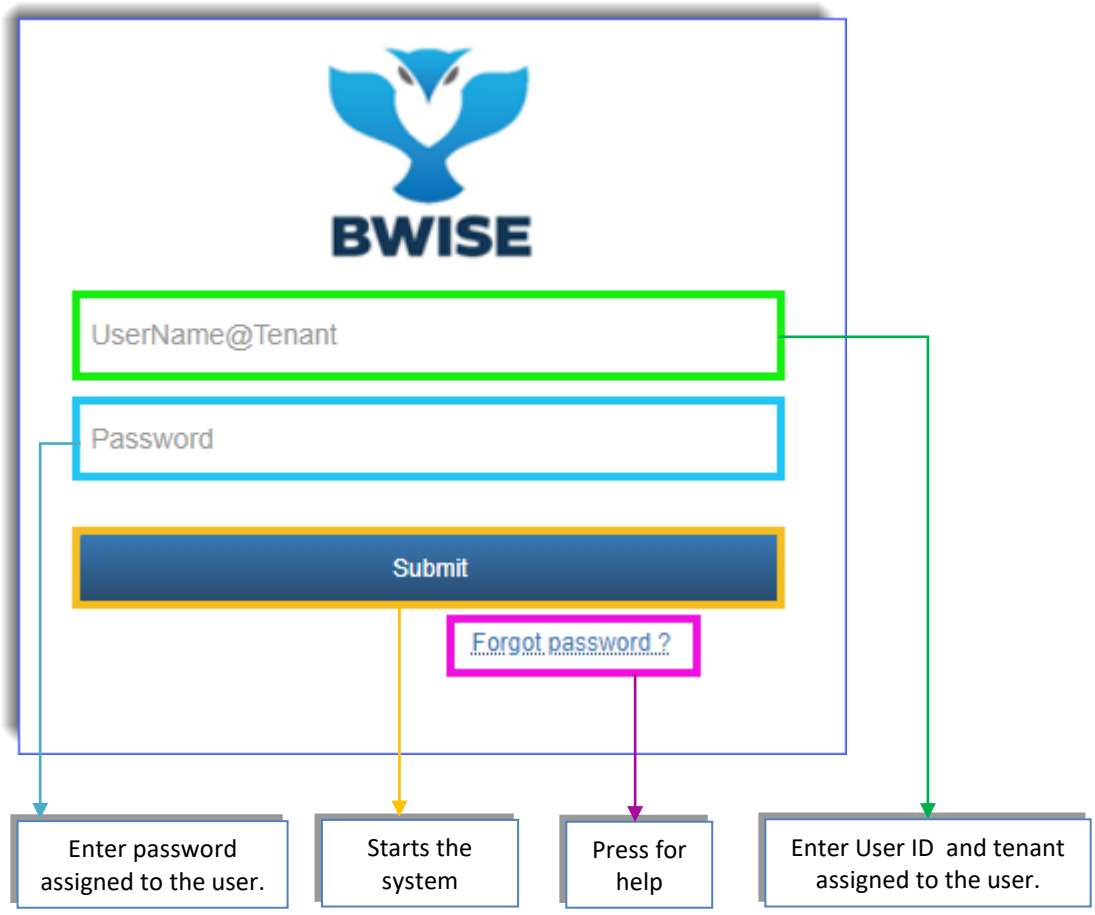
UA System Startup

To start a session, click the Universal Interface Adapter (UA) system server link and the sign on screen will be displayed. For example, the server link will look like this:

https://www.r4wise.com/wiseMobile/solutions/royal4/index.html#wmMainNavigation

Sign On Screen

Users must pass through this screen to access the system.



Each field must be entered correctly to allow the user to pass through this screen. The faint grey words are not data values but field labels, visible only when the fields are blank. They are replaced by values as they are entered.

Username

Each employee with access to a tenant must have their own username. It will be used to grant access to menus, programs and features of the system. It may also be recorded on data records and recorded in the logs.

Tenant

This is a separate data partition within the database representing a different warehouse location or perhaps even a separate company. All users accounts need to be setup within a tenant. To give a user multiple tenants, multiple user records will need to be setup including separately maintained passwords. The login dialog does not show a tenant dropdown, please login as User@Tenant.

Example:
Username = manny@Royal 4
@Royal 4 = Tenant

Password

Each username of the tenant will have its own password which will not show distinct characters when entered.

Forgot Password?

If the user cannot get the password correct, they can use this option, provided they have correctly entered their tenant and username, plus they must have a correct email on their user record; then this will generate a new password and email it to them. The generated password is for onetime use and it will need to be reentered as they successfully login again.



Submit

This validates the entered information to allow the user past this sign on screen.

System Navigation

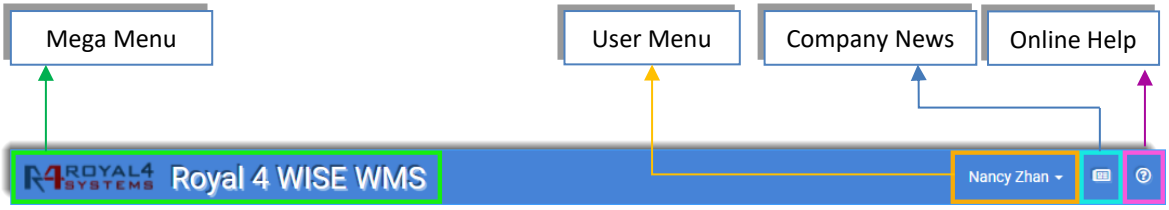
Upon successful sign on users will arrive at the landing screen, which has three main components used to navigate through all the different menus, functions and additional tools provided in the application. Two auxiliary controls can be used to navigate the system menus, the left side Main Menu, also known as Side Navigation or First level bar, which (when pinned) allows us access to the first level menus all the time, and the Navigation Bar always visible at the top. The landing dashboard is displayed on the right.

1. Navigation Bar
2. Main Menu (First Level Bar)
3. Performance Dashboard (Landing Form)



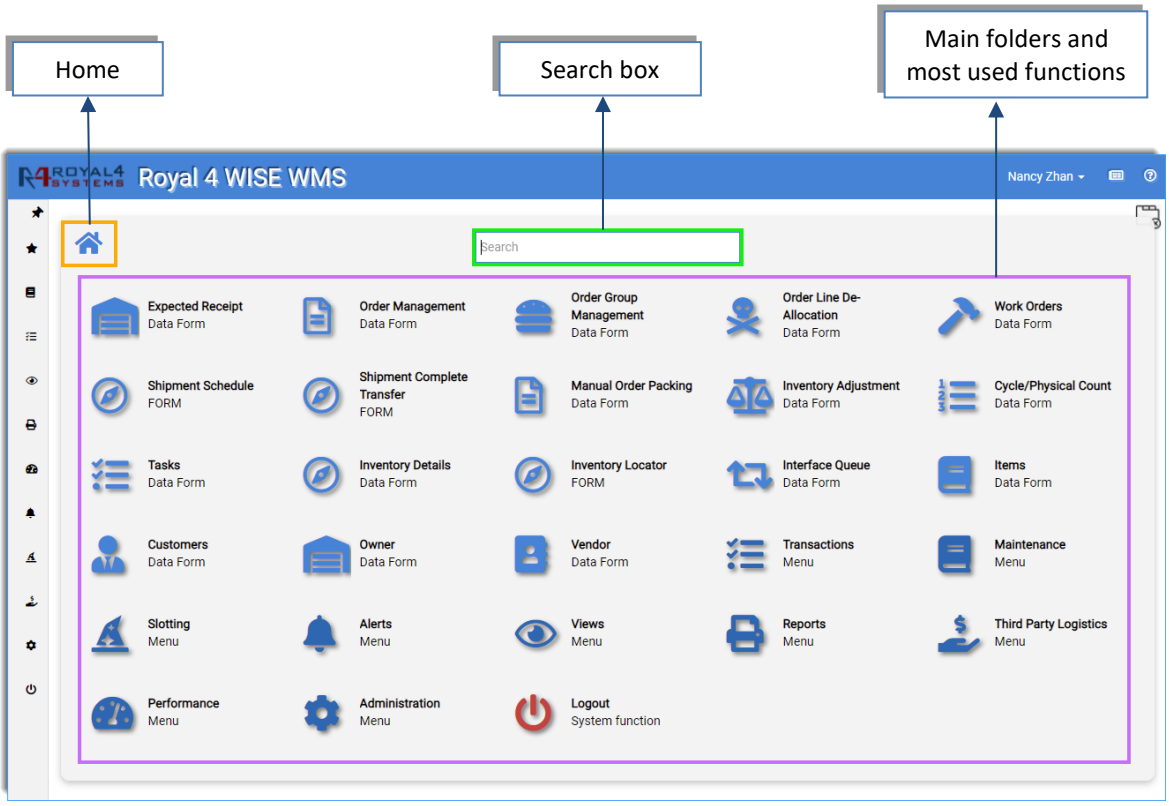
Navigation Bar

This is always fully visible at the top of the screen. It shows the tenant's logo with the name and provides access to the mega menu on the left, the user menu, company news and online help menu on the right.



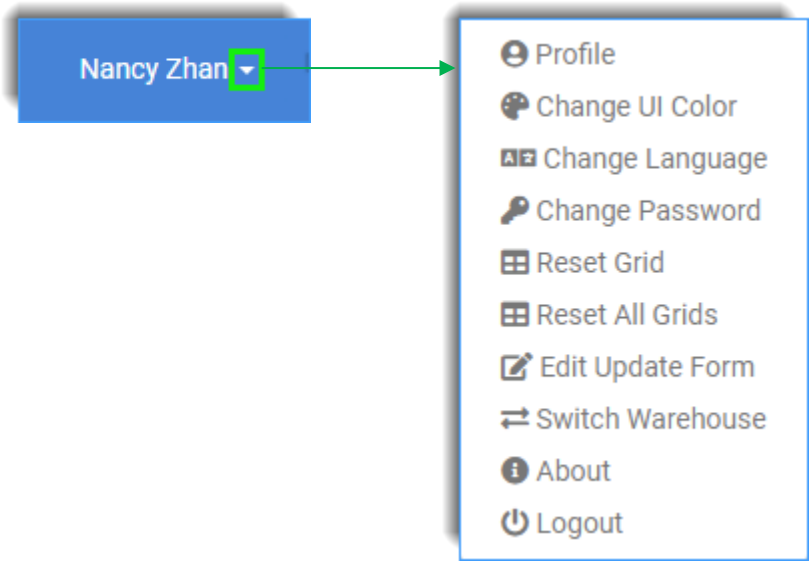
MEGA MENU

Clicking the tennant's logo/name will bring up the mega menu, which displays the main folders and the most used functions in the system. This is a searchable menu, type in any character(s) in the *Search* box and it will bring up every function in the system that has the character/s typed in, including functions in the *WISE* Mobile system. Click a function to launch it, press *Home* to return to the home page, refresh the menu by pressing *F5* and close it by clicking anywhere outside the screen. The Mega menu is timesaving because users do not have to go through the main menu folders and subfolders to find a function.



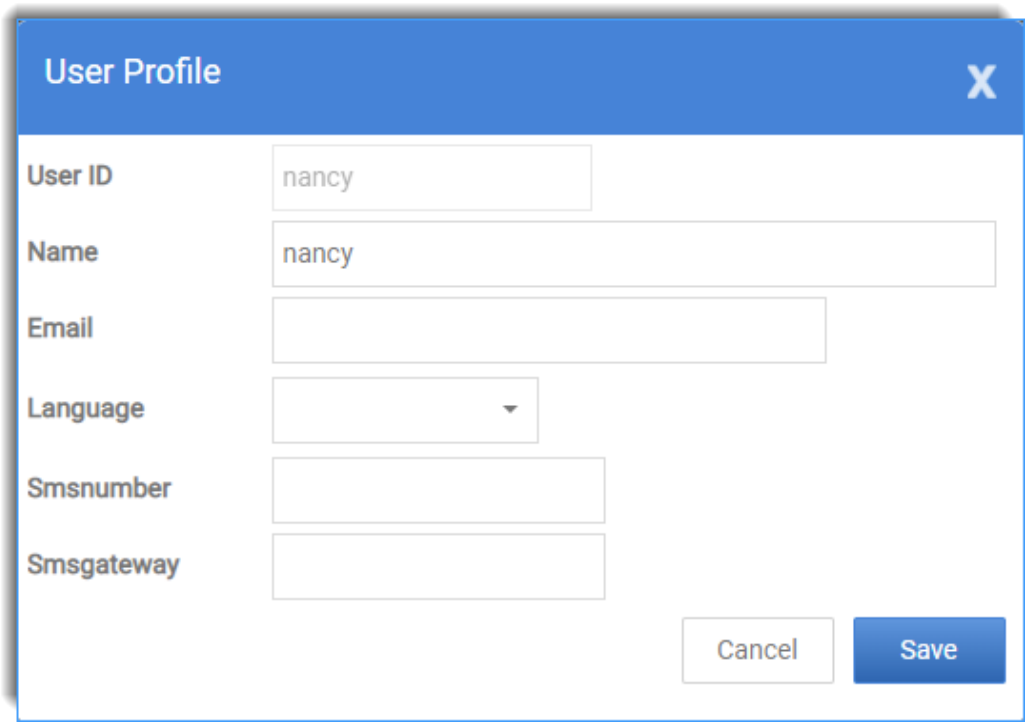
USER <NAME> MENU

This section displays the current user's name. Click the expansion caret to access several user options available here:



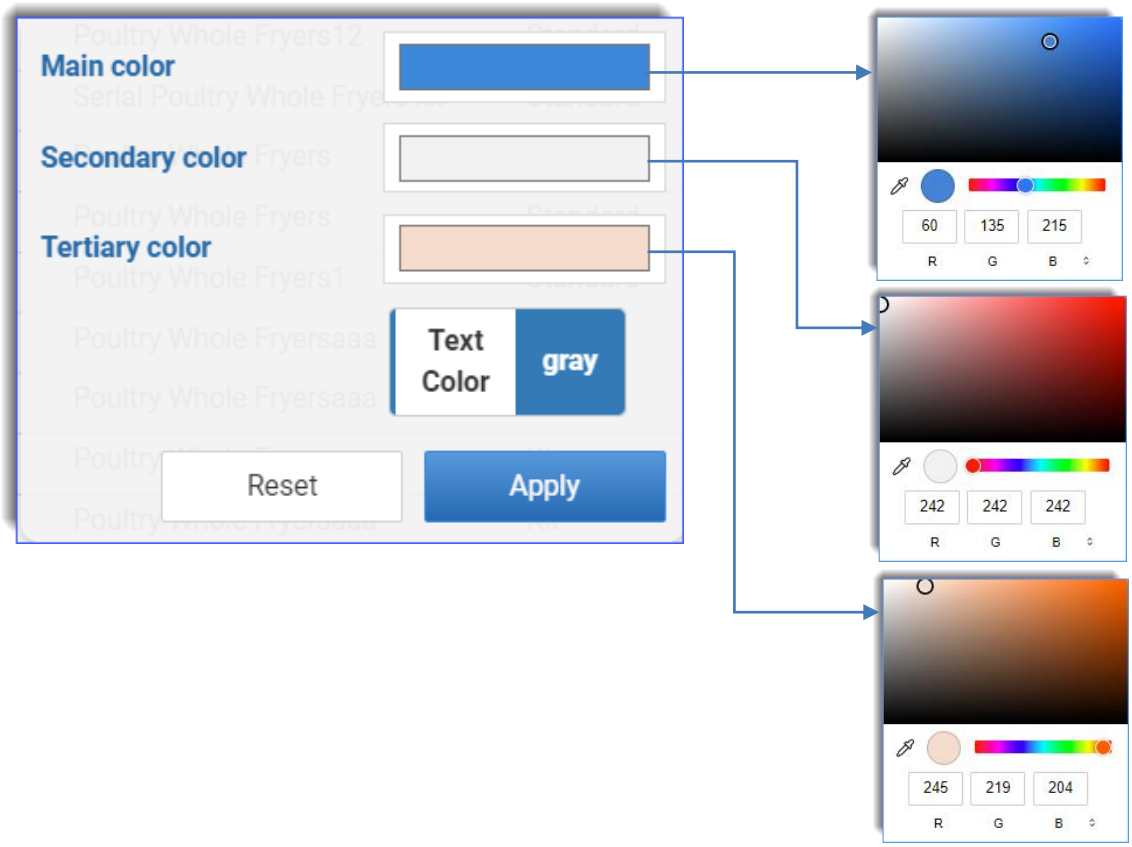
Profile

Select *Profile* to see the user profile, and add or change the email address, phone number and language related to this profile.



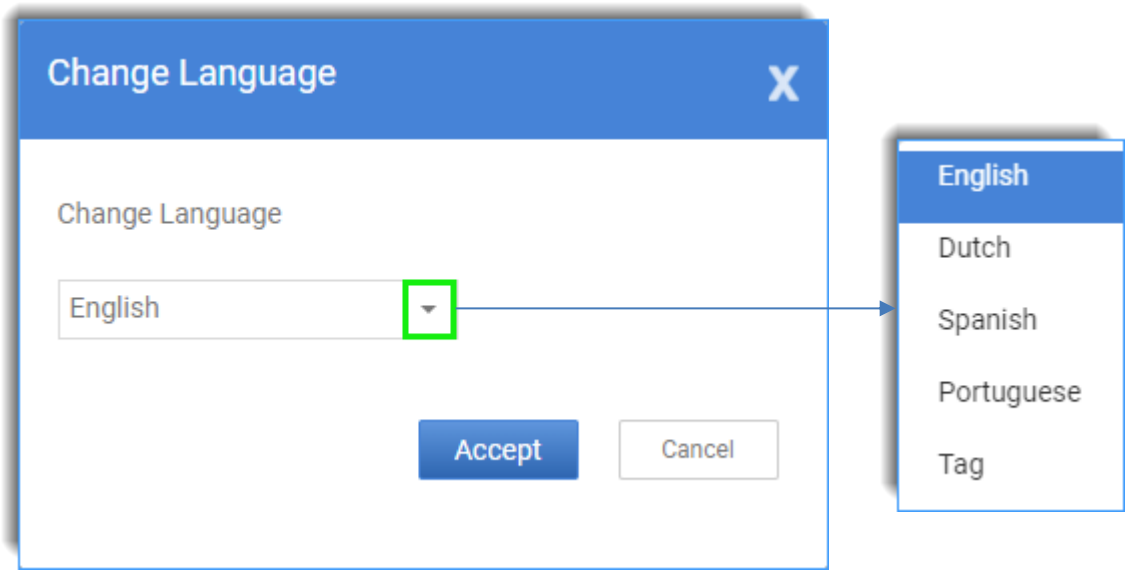
Change UI Color

Select *Change UI Color* to configure the colors that will be used on all the windows throughout the system. Three colors can be selected, the system displays the colors in use, click each color to see other options, select one and click *Apply* to make the changes effective or click Reset to cancel. Icons and text are always black.



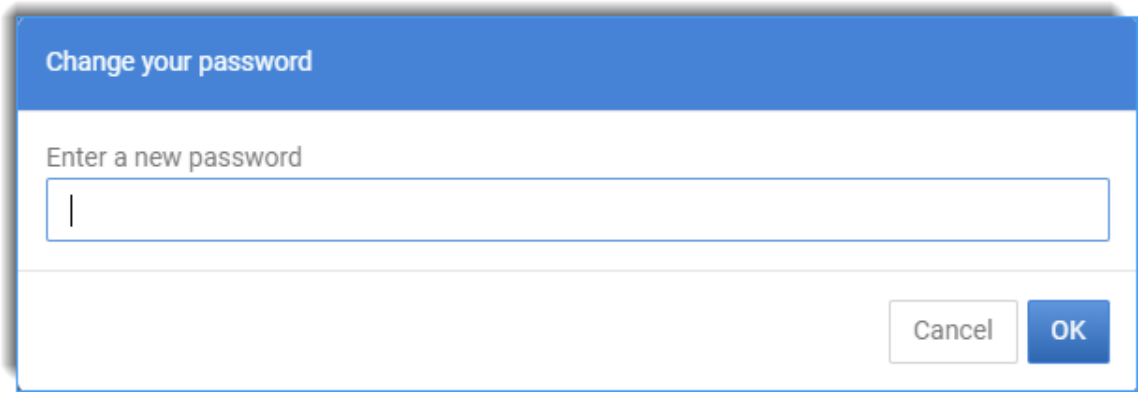
Change Language

Select it to change the current language, the system displays the language in use, to change it, click the drop down menu to see all available languages and select another one, then click *Accept* to make the changes effective or *Cancel* to disregard the changes.



Change Password

Select it to change the current password, enter a new password and click *OK* to make the changes effective or click *Cancel* to disregard the changes.



Reset Grid

Select it to reset the columns of the active grid as they were originally put at design time.

Reset All Grids

Select it to reset the columns of all grids as they were originally put at design time.

Edit Update Form

We now have the capability to modify the update forms at runtime to change the position and size of fields, labels and other components on the screen, we can also affect component visibility. By update form we understand the data entry form that

most of our functions have that is shown when users add, update or copy a record, in the sense we use them as part of the maintenance template that has a main form, a grid form and an update form in its most basic configuration. In the case of functions with several tabs, these edits are only applicable to the main form (General tab).

The functionality is accessed from the User <Name> menu, by selecting *Edit Update Form;* the update form corresponding to the currently visible function is shown on design mode.

For forms that have no update form a toaster info message is displayed, for functions with tabbed data entry update forms (customer, item) only the first tab is displayed.

The form is shown with its design area marked gray, fields can be positioned anywhere on this gray area but not outside, elements that can be arranged (designable) are marked yellow, the currently selected element is marked with a red dotted border, using the mouse a user can drag and drop to move the component around; when a field entry is moved the label follows it automatically but it can also be moved and resized on its own after the field has been positioned. With the mouse, use the handles around the component to resize it.

The selected component's visibility can be toggled with the *Visible* checkbox on top, when a component is not visible it shows dimmed/gray on design and hidden at runtime. While the Cancel/Save buttons can be re-positioned their position is standard and not saved.

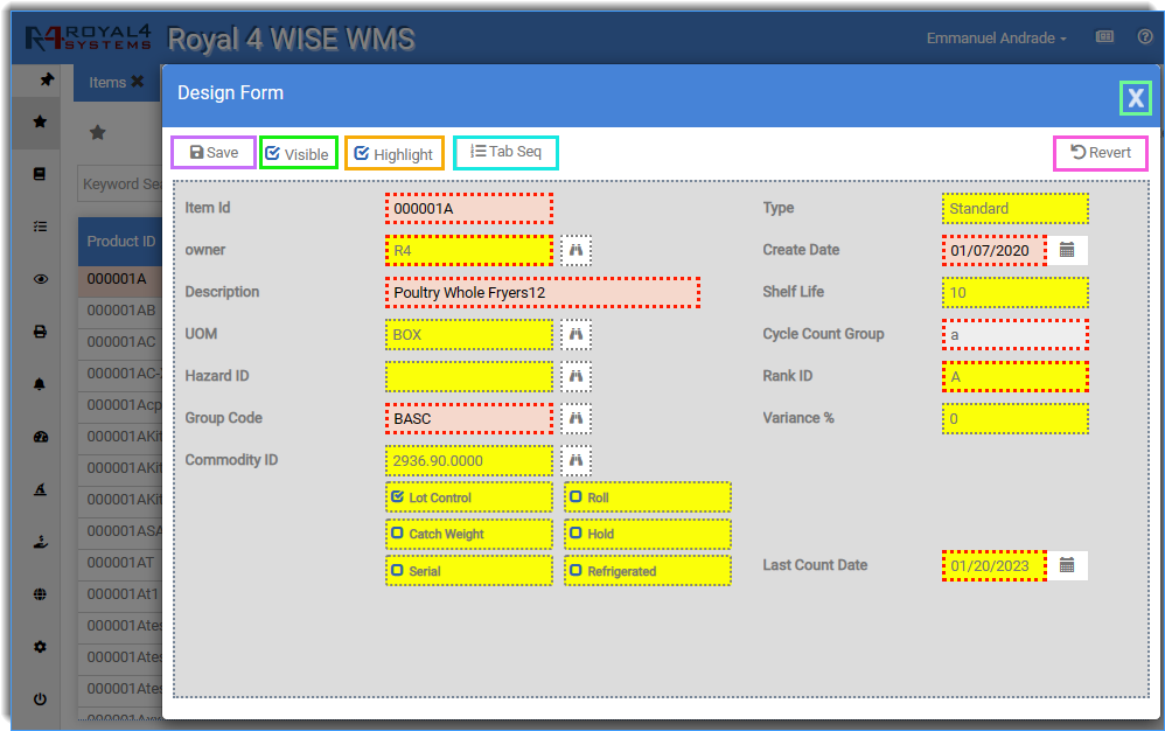
The selected components can be highlighted with the *Highlight* checkbox on top; when a component is highlighted it shows it is important (mandatory) for the specific screen at runtime.

Clicking *Tab Seq* will open a screen where users can drag and drop the components to rearrange their position. A *Revert* button is provided on the top right; this button will revert only the position of the components back to default.

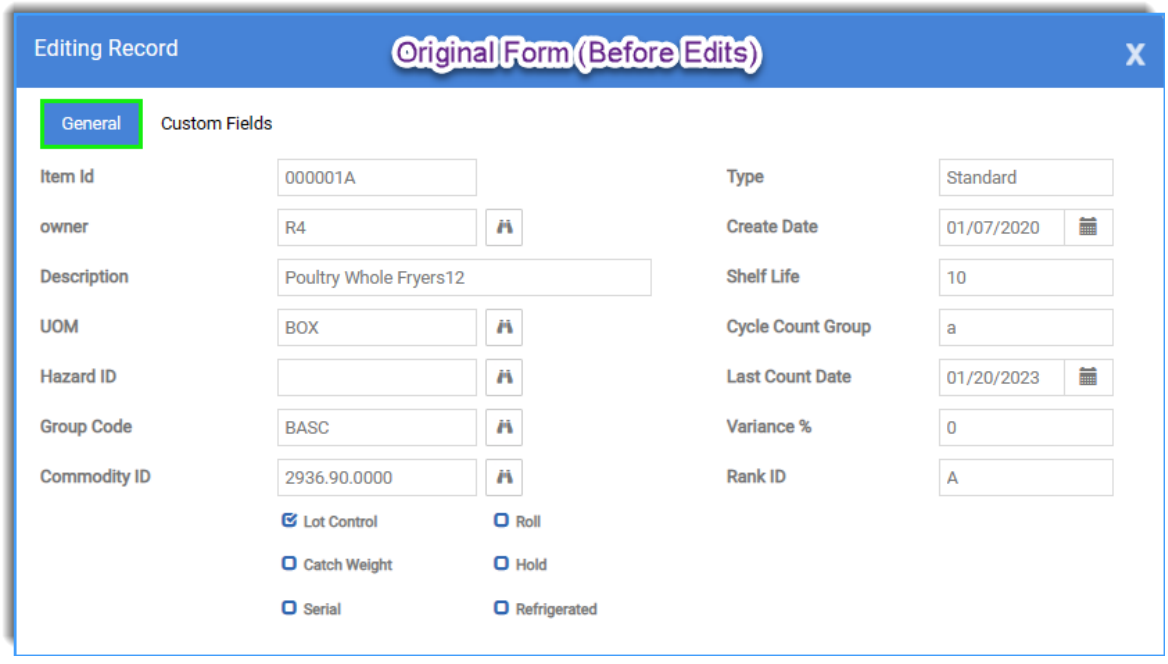
Once the fields are arranged to the user satisfaction the user can press *Save* on top to save the state of the form, this will be used at runtime for all users belonging to this tenant when they use the form to enter data. The user leaves the dialog by closing it with the *X* button on the top right, if the information is not saved before exiting it is lost, there is no warning of this. This can be used as a clean exit if the edits to the form went wrong.

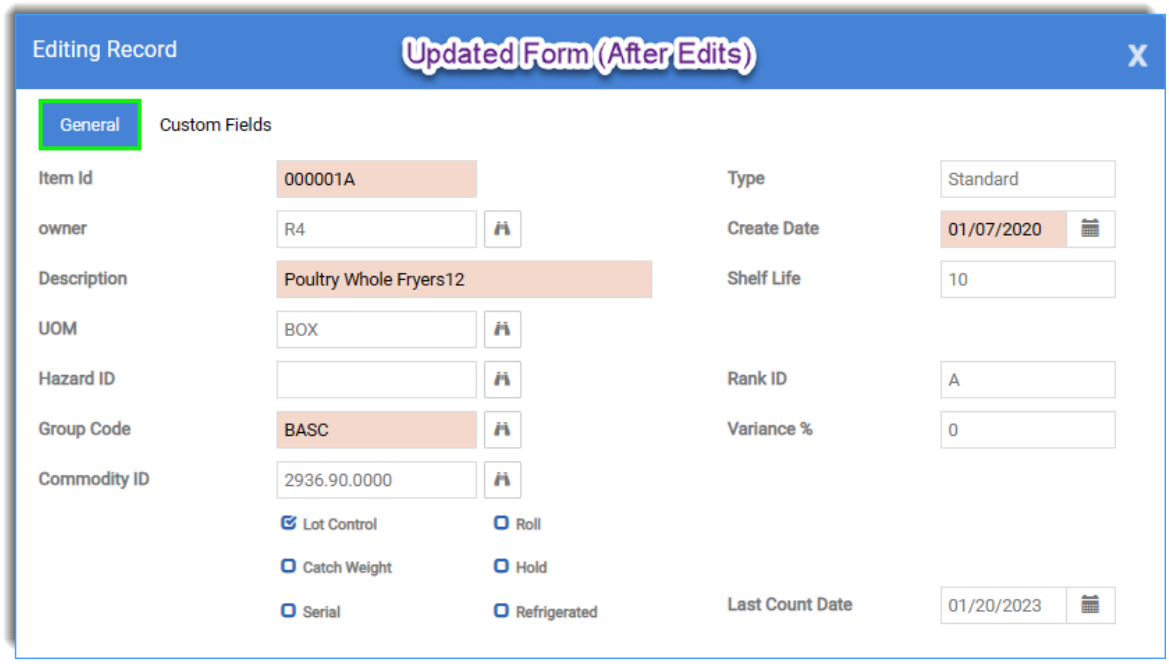
Additionally a *Revert* button is provided on the top right, to remove the changes for this update form, reverting the entire form back to default on the next session of the application.

NOTE: This feature needs to be handled with care.



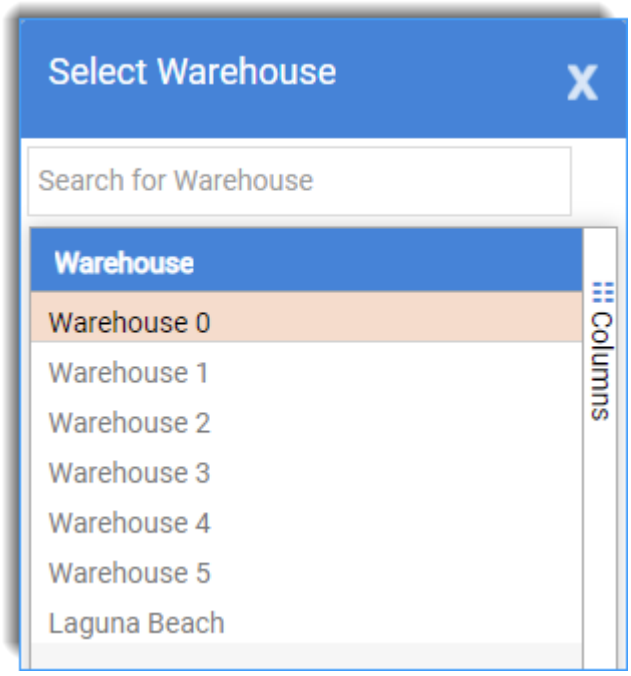
The following screens display the original form and the updated form (after the changes):





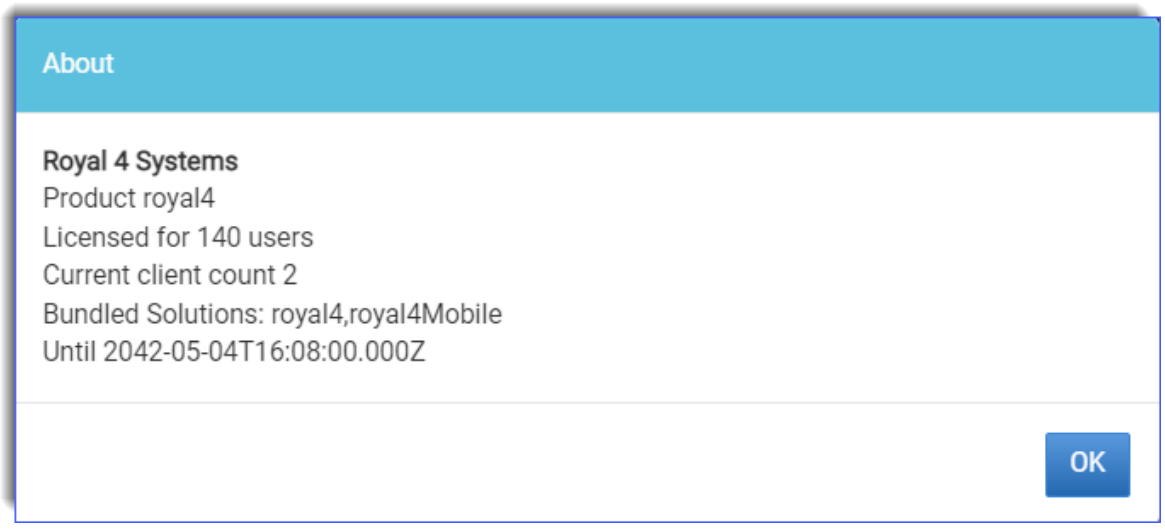
Switch Warehouse

Click *Switch Warehouse* to select/switch to a different warehouse.



About

Select *About* to see details about the software, such as license, expiration date, maximum number of users, how many users are currently logged in, etc.



Logout

Select it to end the session and go back to the sign on screen.

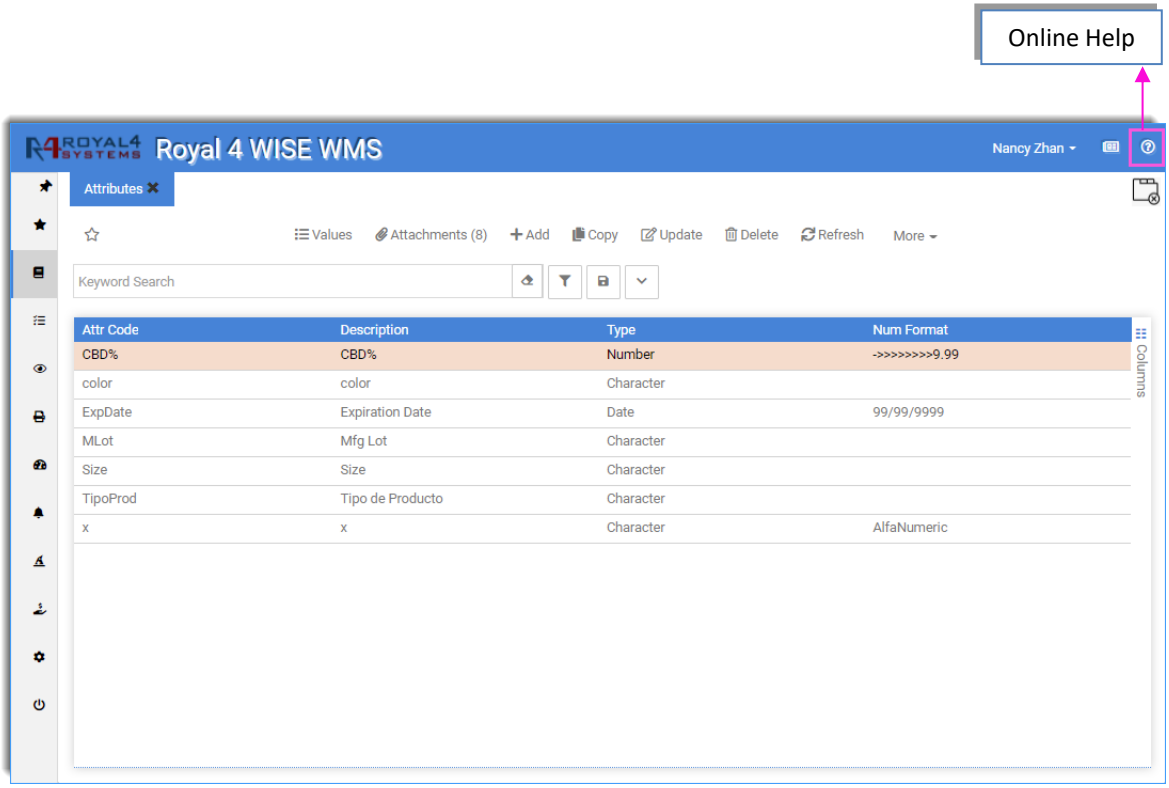
COMPANY NEWS

Select it to see the company news posted from the News function under the Administration/Tools menu.

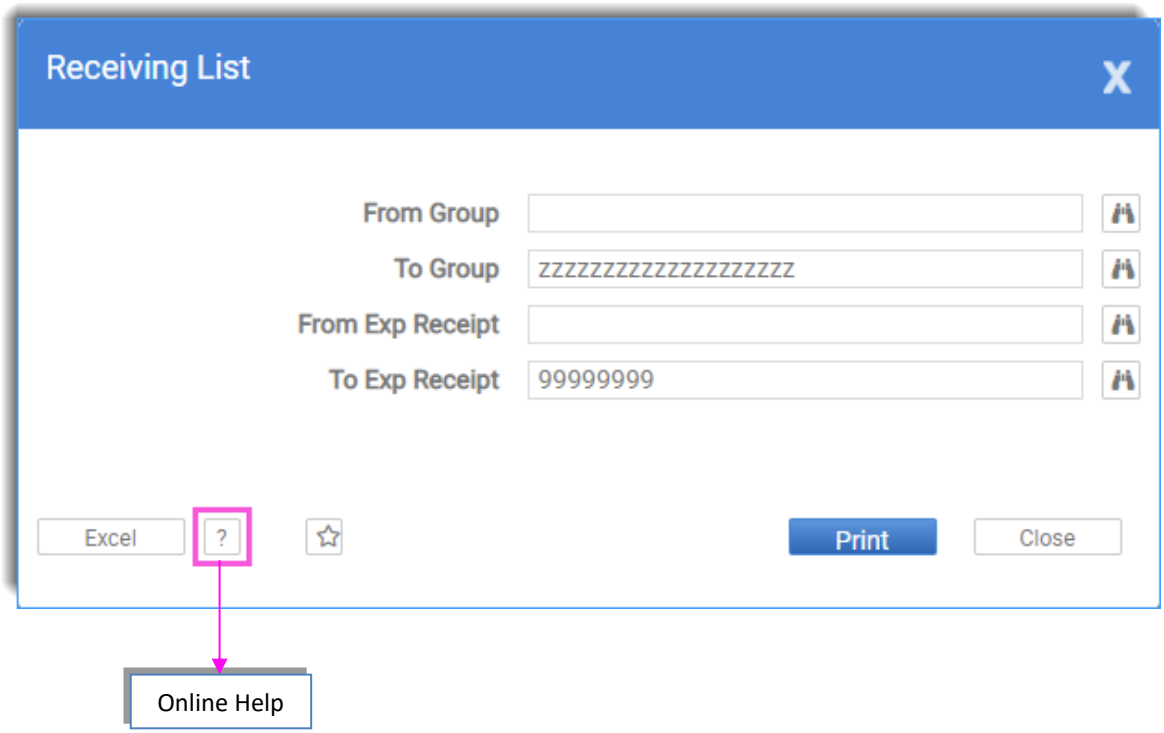
When the Company News window is open the user can see a display of pages like a company blog, so to make information public or make an announcement users can create a new message in the News function (Administration/Tools menu) and the message will be displayed when the user opens the Company News window.

ONLINE HELP MENU

Always visible at the top right of the screen, select it to access the online help at any time.

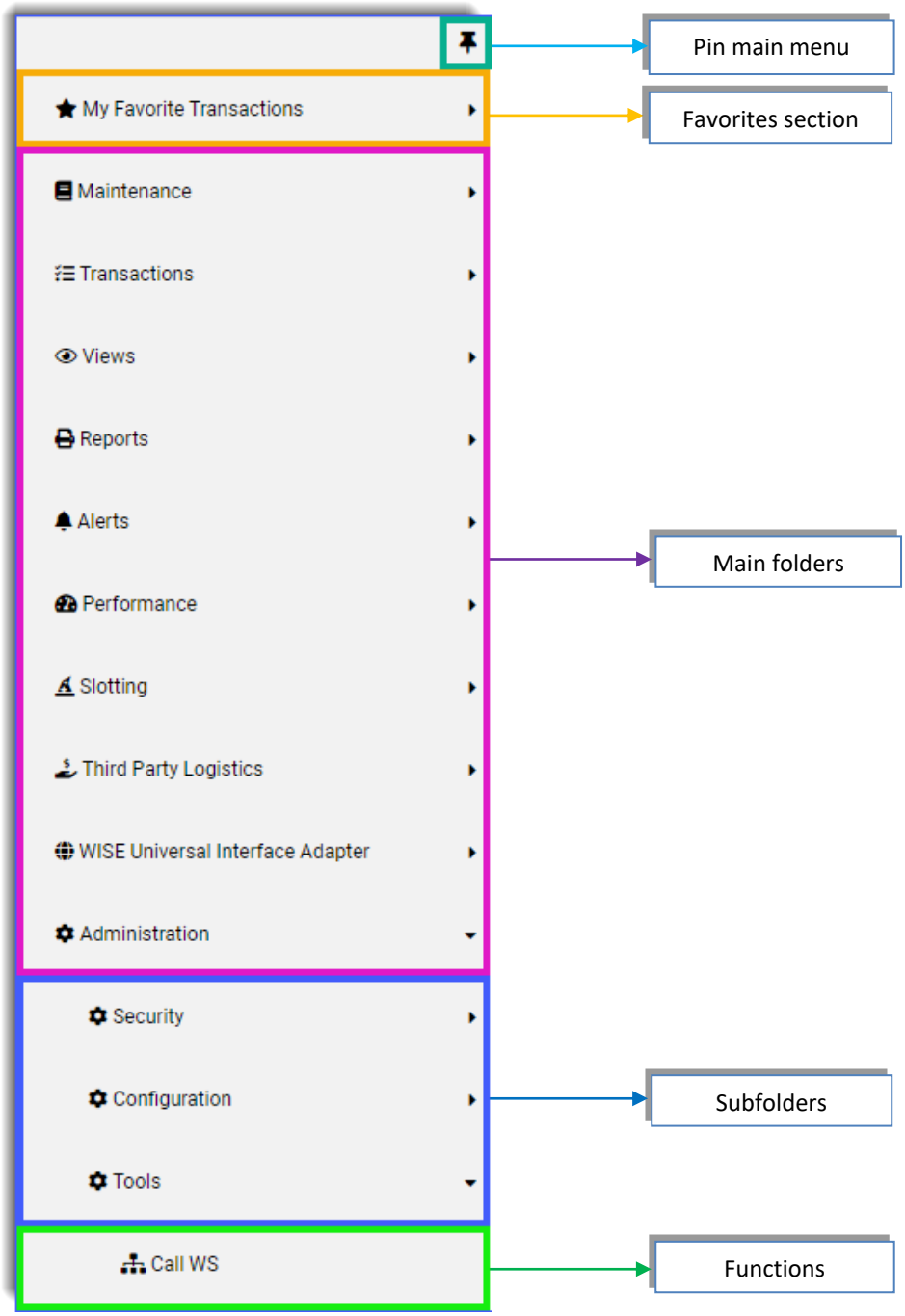


The Reports/Lists screens display the online help icon at the bottom left of the screen.



Main Menu

Also known as *First level bar*, this menu is always partially visible on the left side of the screen. It navigates through all the main folders and subfolders of the *WISE* Warehouse Management system by category. Hover over it to open it, click the pin to keep it open (which shifts its direction); click the pin again to close it (which shifts it to its original state). Lines with an expansion caret icon are folders that delve deeper into the menu when opened, which changes their orientation. Otherwise, a line with no caret is a menu option in a program.



MAIN FOLDERS

This section lists all the main folders that group the different functions of the *WISE* Warehouse Management System. By selecting a folder, the functions available are displayed. Click to open the desired function screen.

Maintenance: Master File updating functions and lists.

Transactions: Transaction entry functions, audit trails and journals.

Views: Information view and inquiries.

Reports: Management information and analysis reports.

Performance: Statistical analysis and work load planning functions.

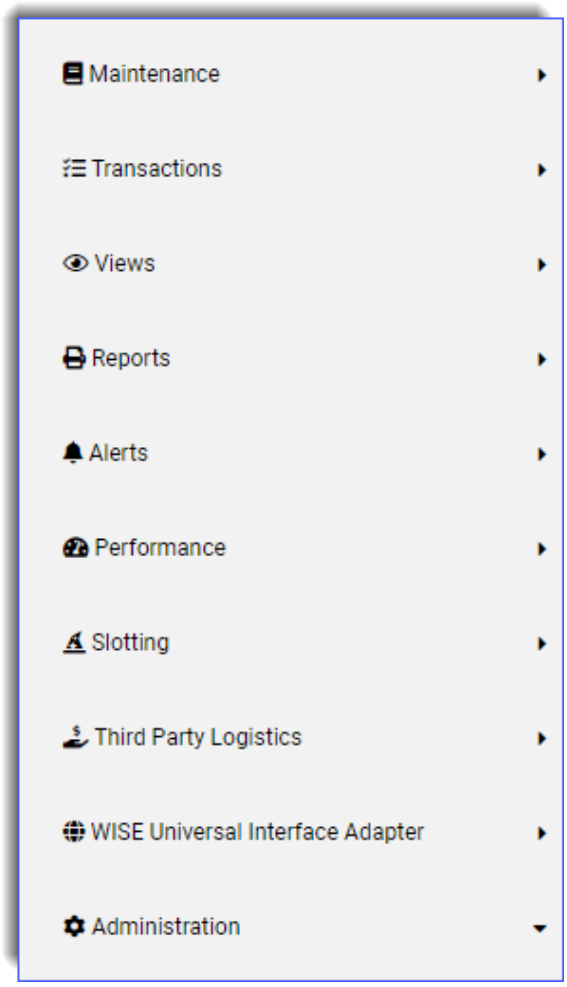
Alerts: General working concepts and configuration.

Slotting: Slotting functions and reports.

Third Party Logistics: TPL maintenance, transactions, views and reports.

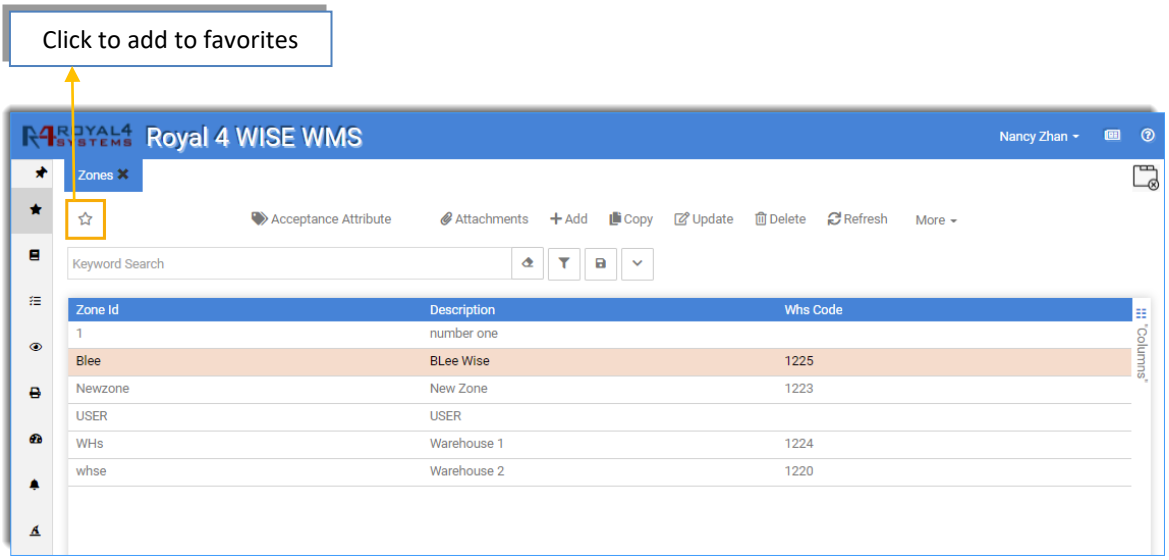
WISE Universal Interface Adapter: *WISE* UA transactions.

Administration: Administration information and functions.

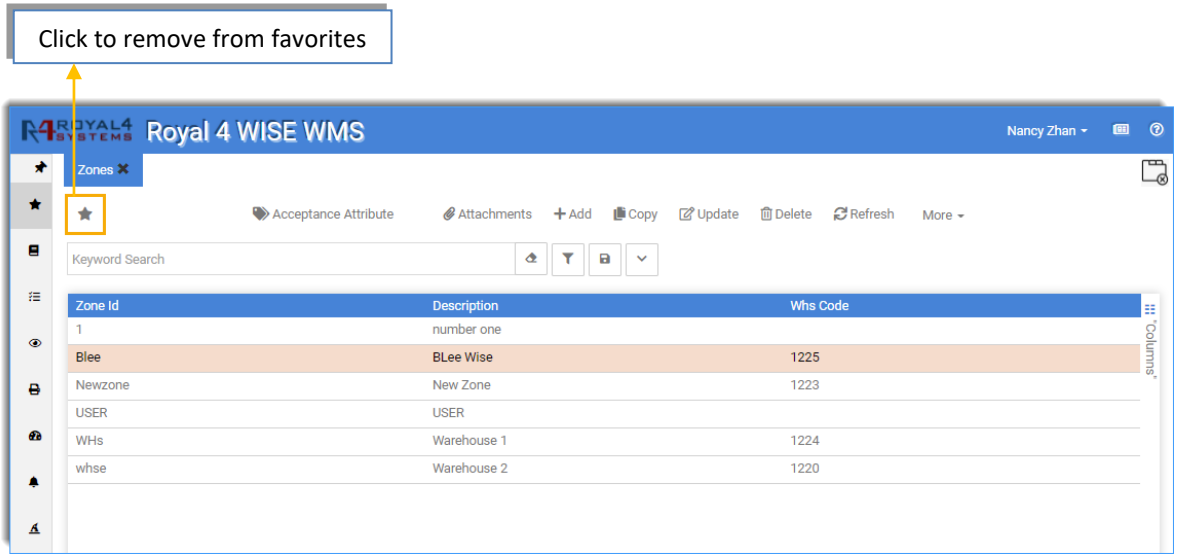


FAVORITES SECTION

It displays a list (in alphabetical order) of all the functions that have been defined by the user as *Favorites*. To add a function as a favorite, first look for the function in the system and open it, then click the star located at the top left corner of the screen, this will change the color of the star to dark, which means this function has been added to the *Favorites*.



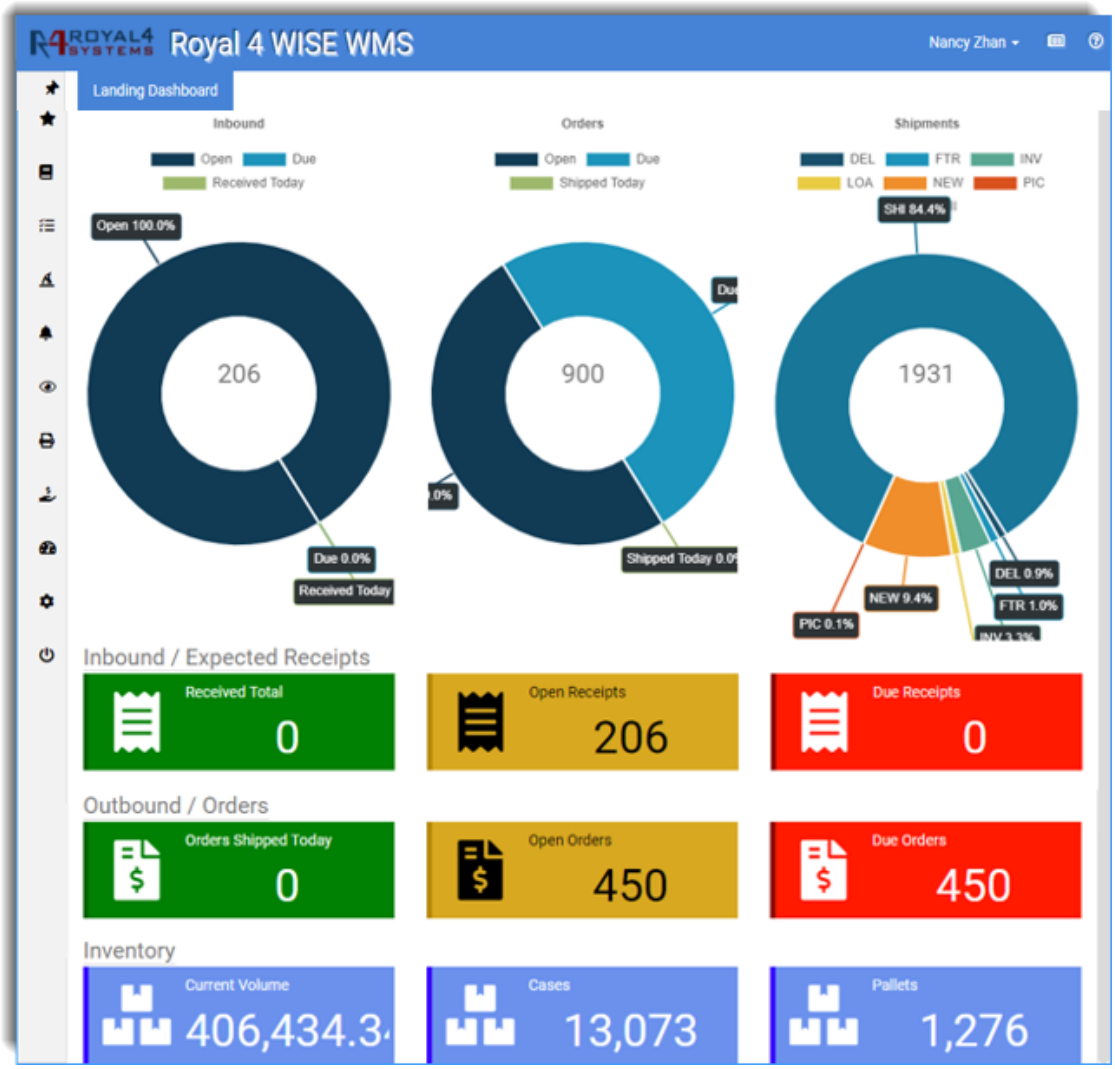
To remove a favorite, select one (from the *Favorites* section) and click the dark star, this will change the color of the star to white, which means this function has been removed from the *Favorites*.



Landing Dashboard

This screen provides a real-time graphical view of the Warehouse progress for the month, which is extremely useful for easier analysis of the results. Users can reach this screen at any time by going to the Performance Menu.

Users can choose a different landing form (menu ID) to be displayed instead of the dashboard, by going to the Users function (Administration/Configuration) and specifying a different landing form to be displayed upon first signing on.



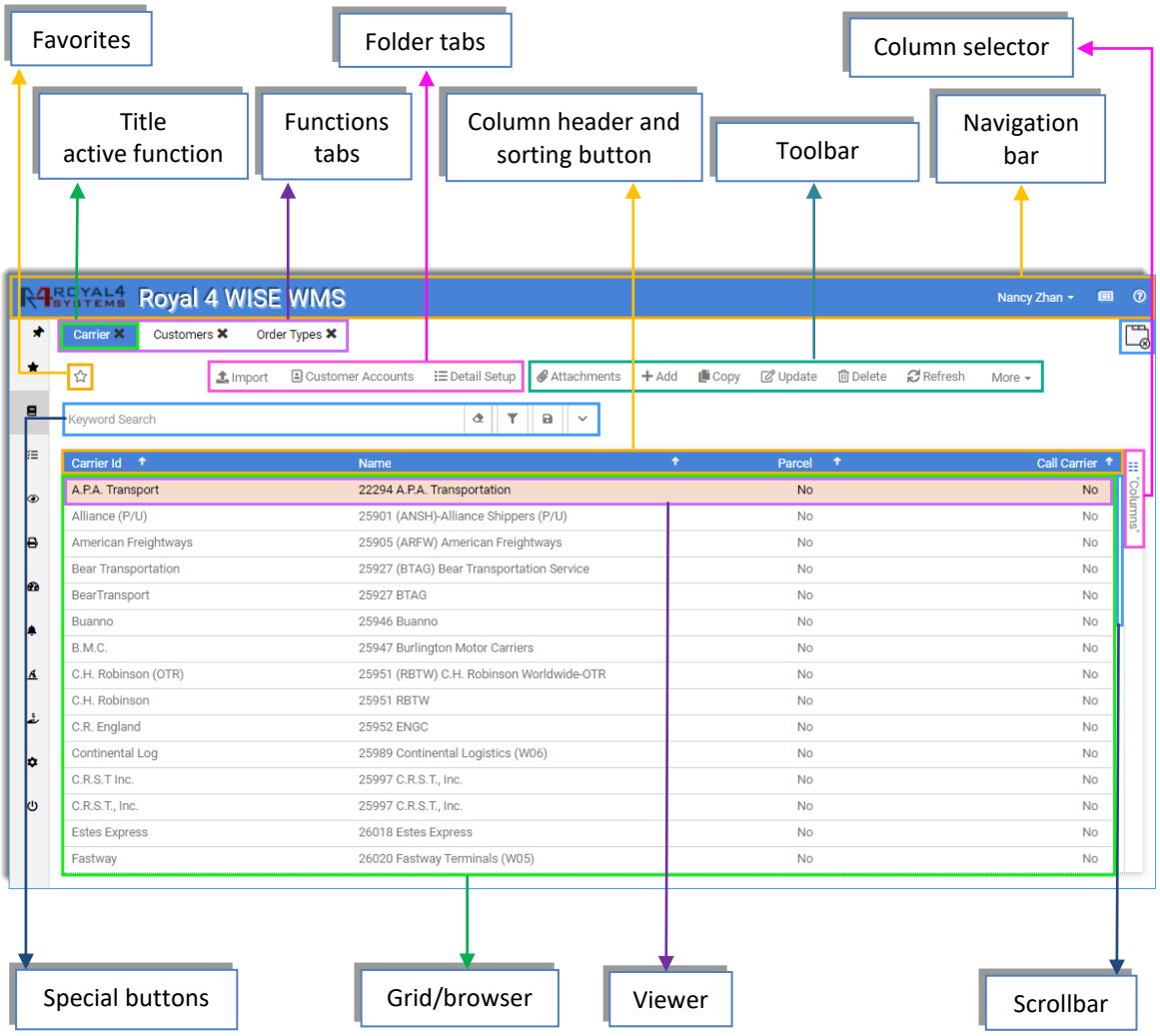
Inbound / Expected Receipts
This shows a pie chart for the Expected Receipts by their current Status.

Outbound / Orders
This shows a pie chart for the Orders by their current Status.

Inventory
This shows a pie chart for the Inventory by their current Status.

Graphical User Interface

There are several common graphical user elements (controls) used throughout the Universal Interface Adapter (UA) system. This section lists them and explains their related functions.



Functions tabs: Users can have up to ten functions open as tabs across the top of the main screen. The one highlighted in blue is the active function tab.

Special buttons: *Keyword search box* and *Filter* controls to search and display information. The fields searched/filtered are usually the grid fields. See the Special Buttons section of this manual for detailed information.

Title: This is the name of the function.

Column header: This is the name of the column (column label). It also provides a sorting option.

Grid: This is a scrolling screen of table records, also known as browser. The grid initially only shows up to 200 records. When scrolling down further, it reads and shows up to another 200 records again till the end of the table is reached.

Viewer: This is the primary control for viewing and updating all the fields in a record, it works in conjunction with the browser. When the user chooses a line in the browser, the viewer changes to display the line.

Folder tabs: This is used to switch between pages in the same window. Click the label to view the page that belongs to it.

Scrollbar: This helps navigate the grid, especially past large numbers of records. The cursor pad keys (arrows, pages, plus home and end keys) also navigate the grid. It adjusts in length to reflect the records that have already been read.

Favorites: This is used to mark a function as a favorite. In the reports/lists screens this is located at the bottom of the screen.

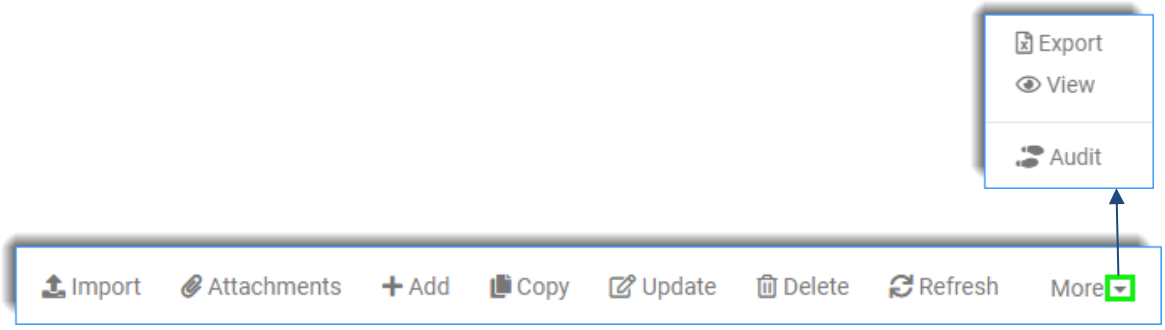
Columns selector: This is used to select/deselect the columns to have displayed in the browser.

Navigation bar: This is always fully visible at the top of the screen.

Toolbar: This is a set of frequently used commands and controls to perform actions relevant to the current screen.

Toolbar

It is a set of frequently used commands and controls to perform actions relevant to the current screen. Some screens only have a subset of these commands. Some dual grid programs may have extra commands to work with the second grid. They all work on the selected record of the grid, except for *Add*, which makes a new record. Following is a description of the standard commands.



Import: This will import/upload a CSV or XLSX file. Please refer to the Special buttons section for detail information on how to use this command.

Attachments: This will view/attach a file to a record. Please refer to the Special buttons section for detail information on how to use this command.

Add: This will add a new record in a general screen. The primary index field(s) are entered in this action and cannot be altered later.

Copy: This will copy the record in a general screen.

Update: This will update the record in a general screen.

Delete: This will prompt to confirm and then will delete a record in a general screen. A record cannot be deleted if other tables refer to this record.

Refresh: This will refresh the records in a general screen.

More: This will display the Export, View, Audit and Link commands.

Export: This will download the information on the screen as an Excel file.

View: This will view the record in a general screen.

Audit: This will view audit information. Please refer to the Special buttons section for details on how to use this command.

Lines (Details): This will open a screen with detail information about a record.

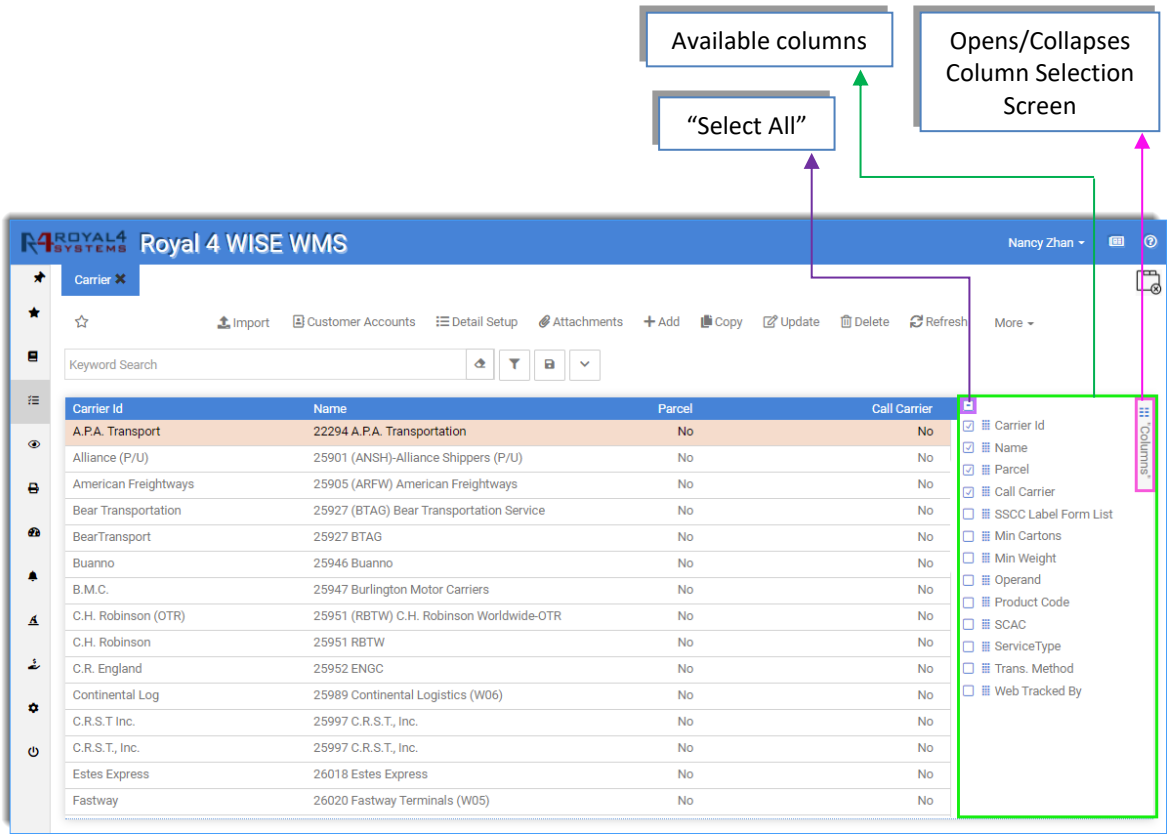
Back: From a detail screen, this will go back to the main or previous screen.

Attributes

There are several system attributes available on these screens, each one is manipulated differently.

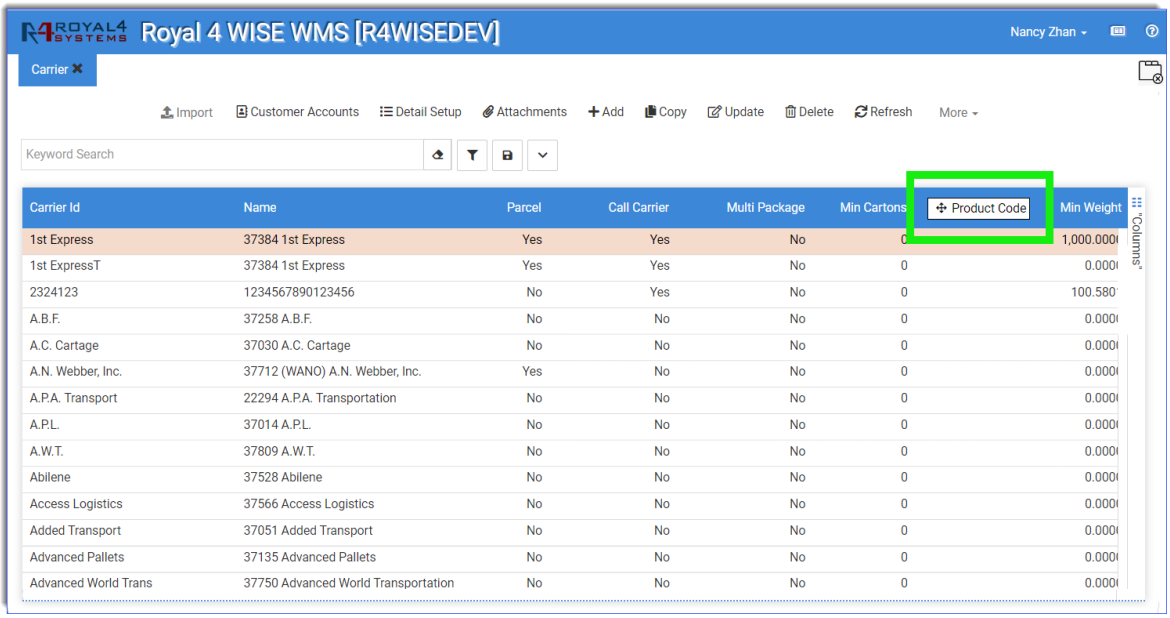
COLUMN SELECTION

The majority of browsers support column selection, to do, so click the *Columns* option, this opens a sub-screen with checkboxes ☑ to hide or show each column in the grid. There is also a master checkbox which can toggle the entire set together. Click the *Columns* option again to close this sub-screen.



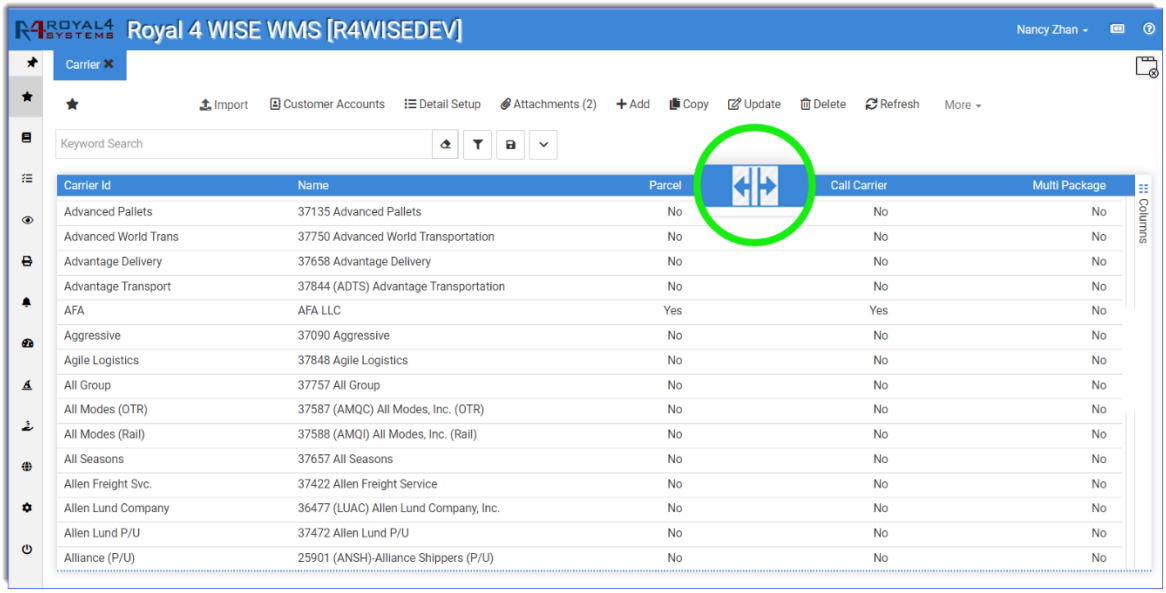
COLUMN REORDERING

All browsers support column reordering. To do so click the column to be moved, the column header will become white, drag and drop columns around to change their order. The column order is persistent, and will be presented the same way the next time that particular window is run. This information is saved on the registry and affects only each individual user's session.



Column Resizing

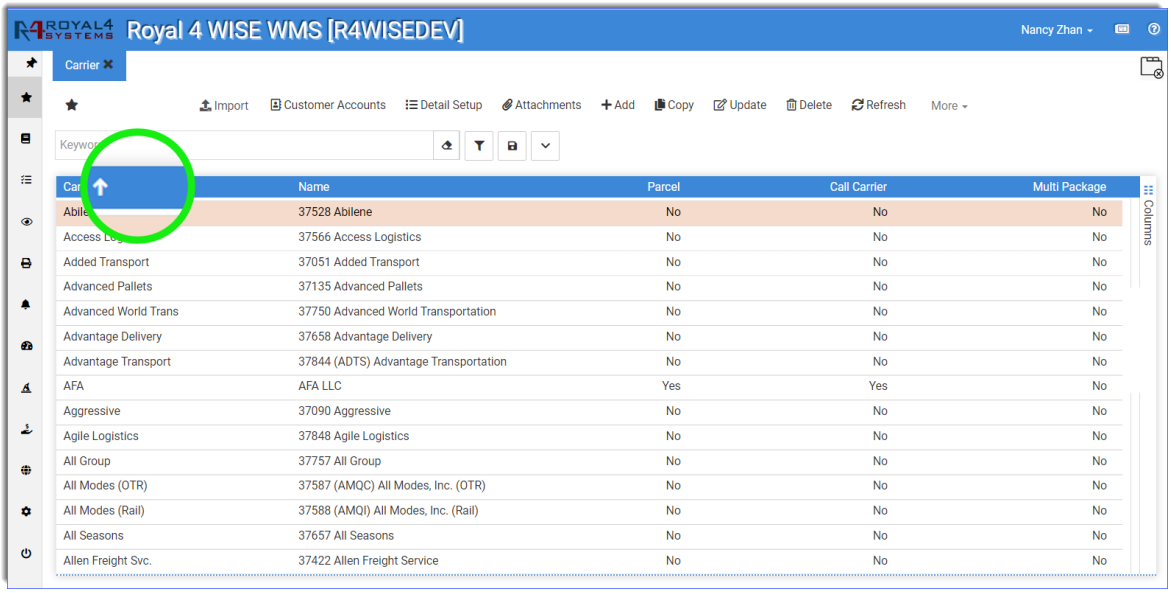
Browsers allow the user to resize columns. to do so position the mouse pointer over the column divider; when the cursor changes to a right/left arrow, drag the divider and release the mouse when the desired column size is achieved.



Sorting

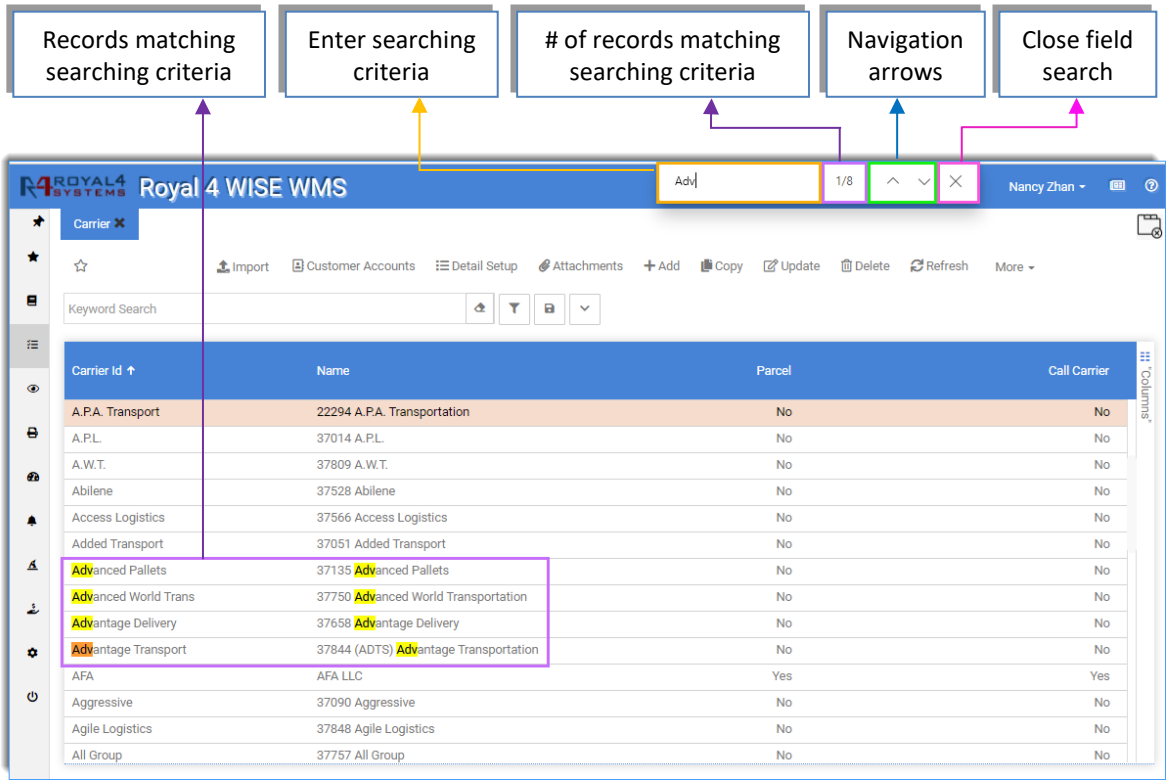
To sort the information displayed in any browser click the column header to be used for the sorting. Click a second time and the system will sort the information in the inverse order. Calculated fields cannot be sorted. To sort by more than one field,

click the first column header to be used for the sorting and then click the second column header to be used for the sorting.



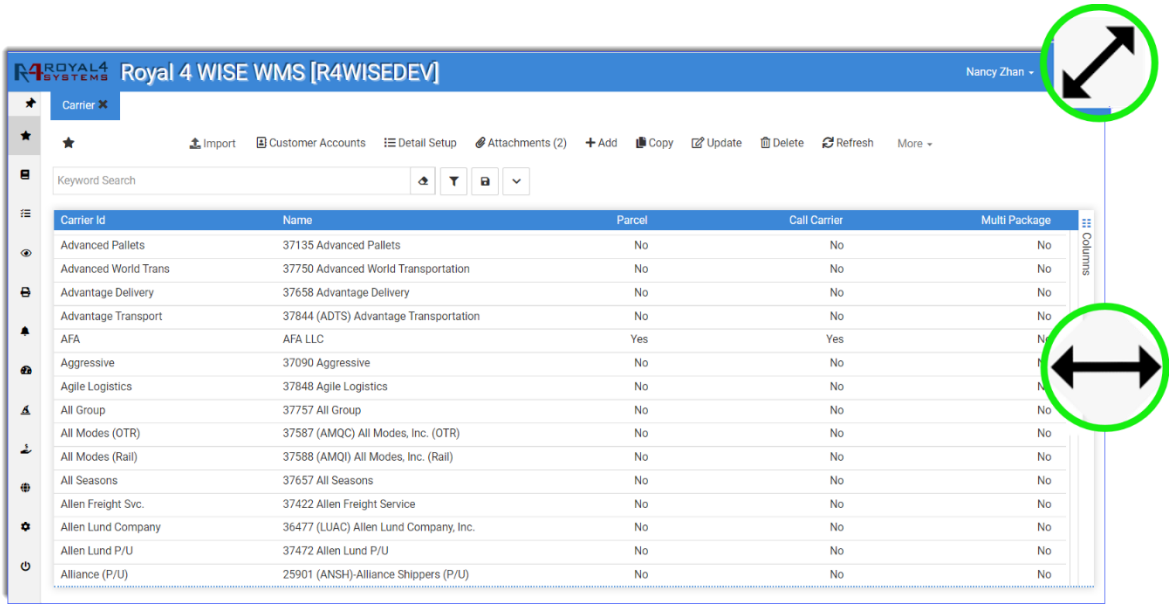
SEARCHING

Click the [CTRL+F] keys anywhere in the browser to open the field search window and enter the desired searching criteria, all the records matching that criteria will be highlighted; navigate them using the arrows.



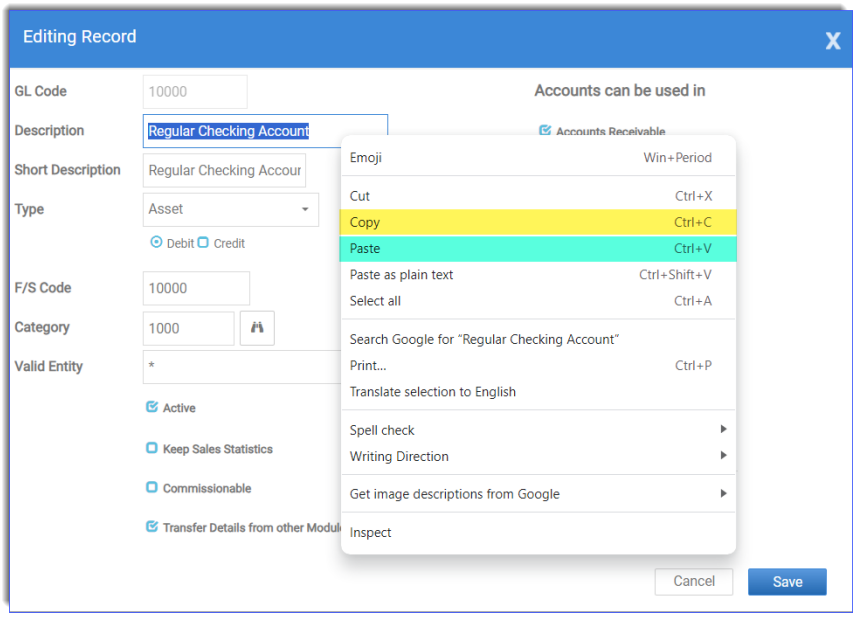
Window Resizing

Every window can be resized and maximized, however there is a limit for minimum size. This is achieved by positioning the mouse pointer over the window border; when the cursor changes to a right/left arrow, drag the border and release the mouse when the desired window size is achieved.



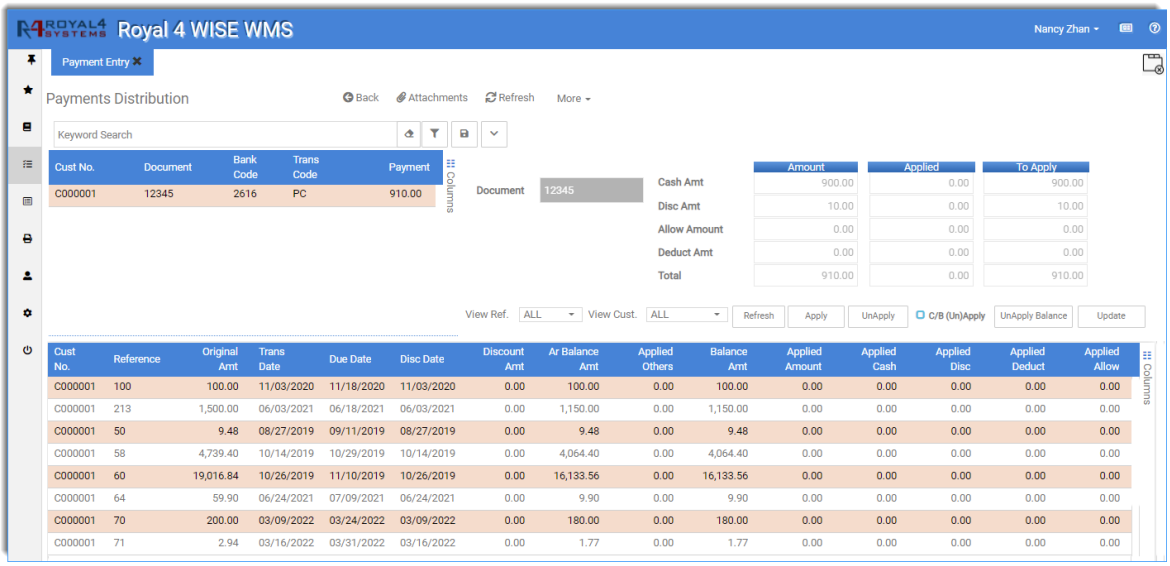
Copy / Paste

Information can be copied from an active browser and pasted somewhere else. To do so, select the text to copy and press CTRL+C (or right click the selected text and click *Copy*). After the selection has been made, place the cursor where the selected text is going to be pasted and press CTRL+V (or right click and select *Paste*).



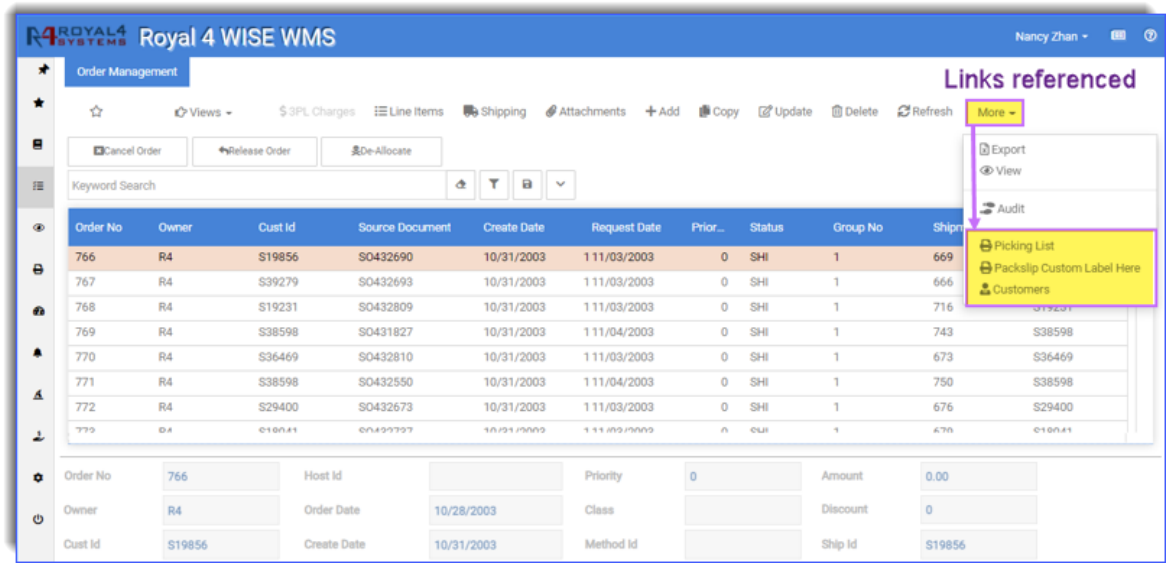
MULTIPLE SELECTION BROWSER

A few browsers have a multiple selection capability which is used to select multiple records at the same time. Click a line to select it and the system will highlight the whole line. Press the [CTRL] key and select additional lines, the system will highlight all the selected lines. To select all, click the first record, press the Shift key and click the last record, the system will highlight all transaction records.



LINKS

Some browsers provide the option to quickly access functions that are located in another menu in the system without having to go find them in the menu. To do so press *More* and a dialog box will list all the functions that are being referenced for that particular browser, then select a function to open it.



Data Fields

There are several data types represented on these screens. Each has a different look and is manipulated differently.

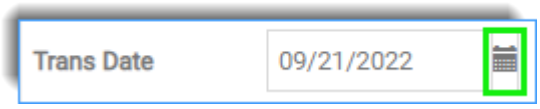
FILL-IN

This is the simplest data field with no extra screen controls. It is used to enter either numeric or character data.

CALENDAR (DATE TIME)

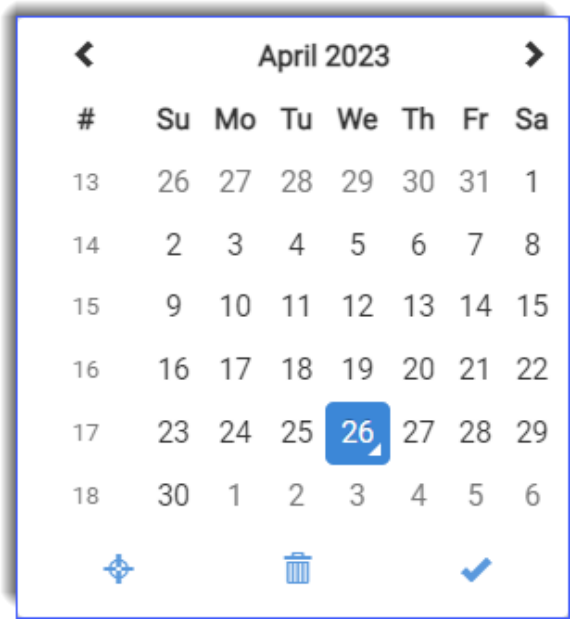
These field values are basically fill-in except that they end with a calendar icon. Type in a value or open the icon to access the calendar picker tool.

Example:



Calendar Picker Tool

This has many controls to navigate to the correct date.



 **Navigate months**: These move between months.

Week number: This shows the number of the week of the year.

Current date: This is notated with a small triangle in the lower right.

Go to today: This goes to the current date and time.

Clear Selection: This clears the date and time to null.

Close: This closes the picker and returns the selected date and time. Tap the mouse outside this tool to close it as well.

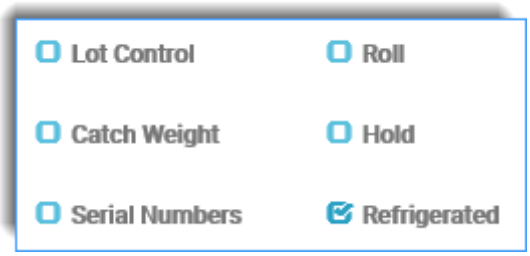
[ESC] Key: This cancels the picker and leaves the date field alone.

CHECKBOX

Also known as *Toggle box* or *Boolean*, it is a square box used to select or deselect an option. Clicking in it will toggle the check mark on and off (True/False or Yes/No). These field values are presented as a checkbox to the left of a field label.

A checked box represents True or Yes.
An unchecked box represents False or No.

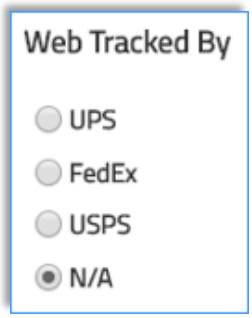
For example in the following screen the item is checked as refrigerated (it is checked as true).



RADIO BUTTONS

This is used to make a single selection from a finite list, not from a table because it is hard coded in the program screen code. Only the last button clicked will stay marked.

Example: Here the value N/A has been selected.

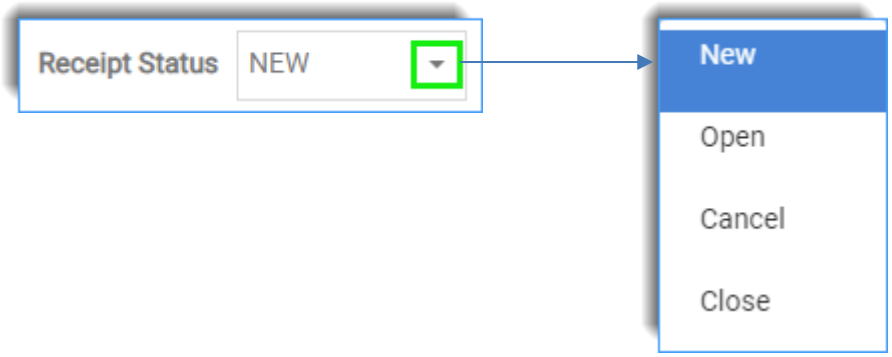


Drop Down List

This is used to make a single selection from a list. It may be a finite hard coded list or else a small set of records in a table. The open list must always fit on the screen or the last options will not be selectable. For those long lists, a Lookup is needed.

Start to type the desired value or use the cursor keys or the mouse to position over the field of choice and then click it or press [Enter].

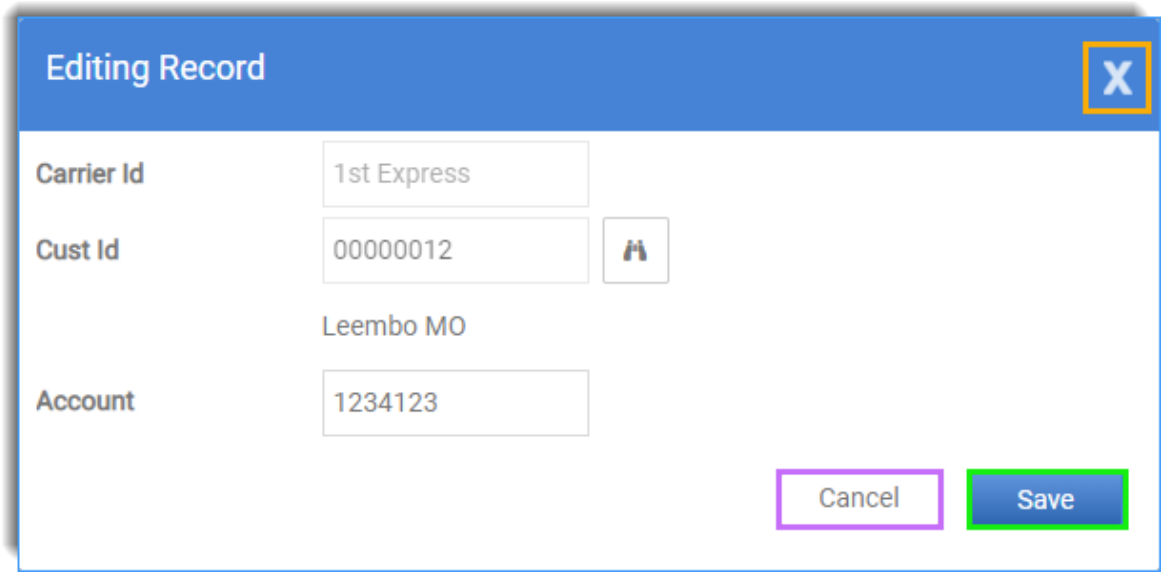
Example:



Standard Buttons

General Screens

When using the commands Add, Copy or Update, a general screen is displayed to view and prompt for fields of the current record. The standard buttons in these screens are described below:



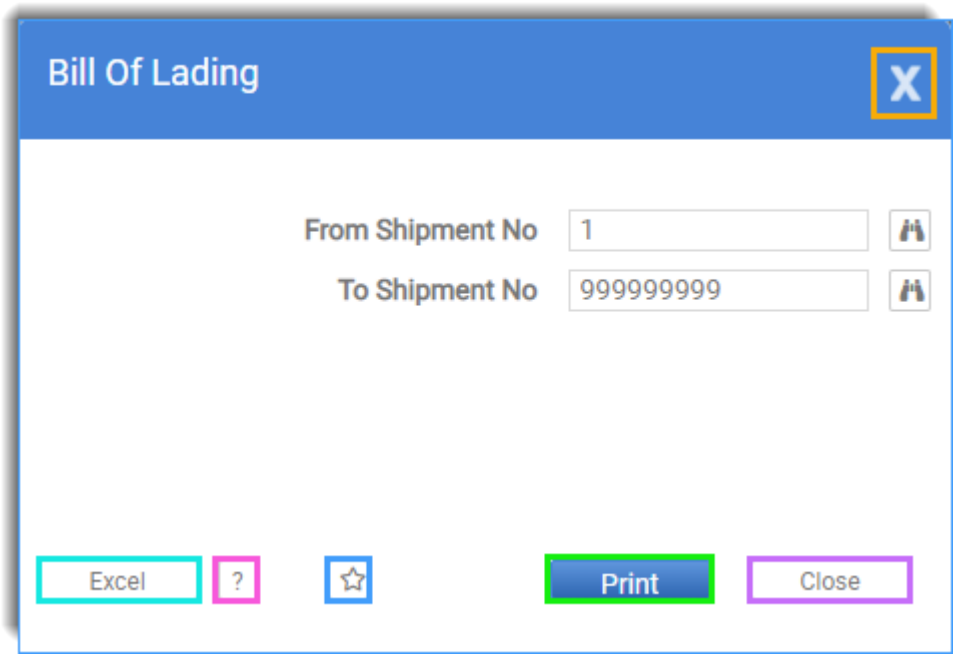
Cancel: For Add, Copy and Update, this button will appear and can cancel the current action and return to the grid.

Save: For Add, Copy and Update, this button will appear and can save the currently entered data and return to the grid.

Exit: For any action, this will cancel or leave the current action and return to the grid. It is the only way to exit the view screen.

Reports Screens

The standard buttons displayed when using the reports and lists screens are described below.



Print: This will run the report according to the parameters entered and display the information on the screen in a PDF format.

Excel: This will download the information of the report/list as an Excel file.

Close: This will close the current report screen and return to the previous screen.

Print Parameters: This will print the parameters of the current report screen.

Online Help: This will open the online help and display information about the current report.

Favorites: This will mark the current report as a favorite

Exit: This will cancel or leave the current action and return to the grid.

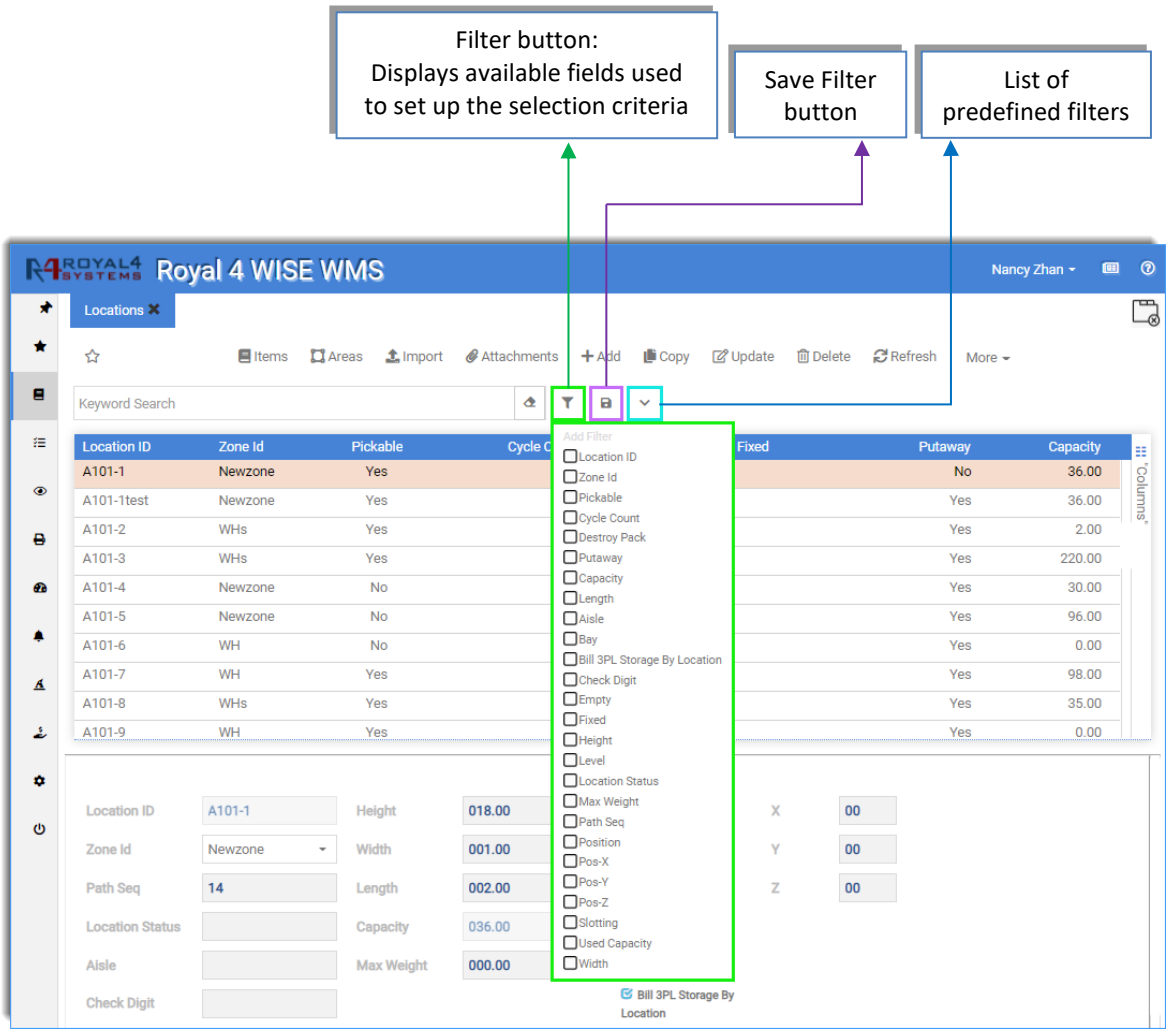
Special Buttons

Some screens will have some additional buttons that help reduce the number of record displayed in the browsers, allowing users to easily look for specific records.

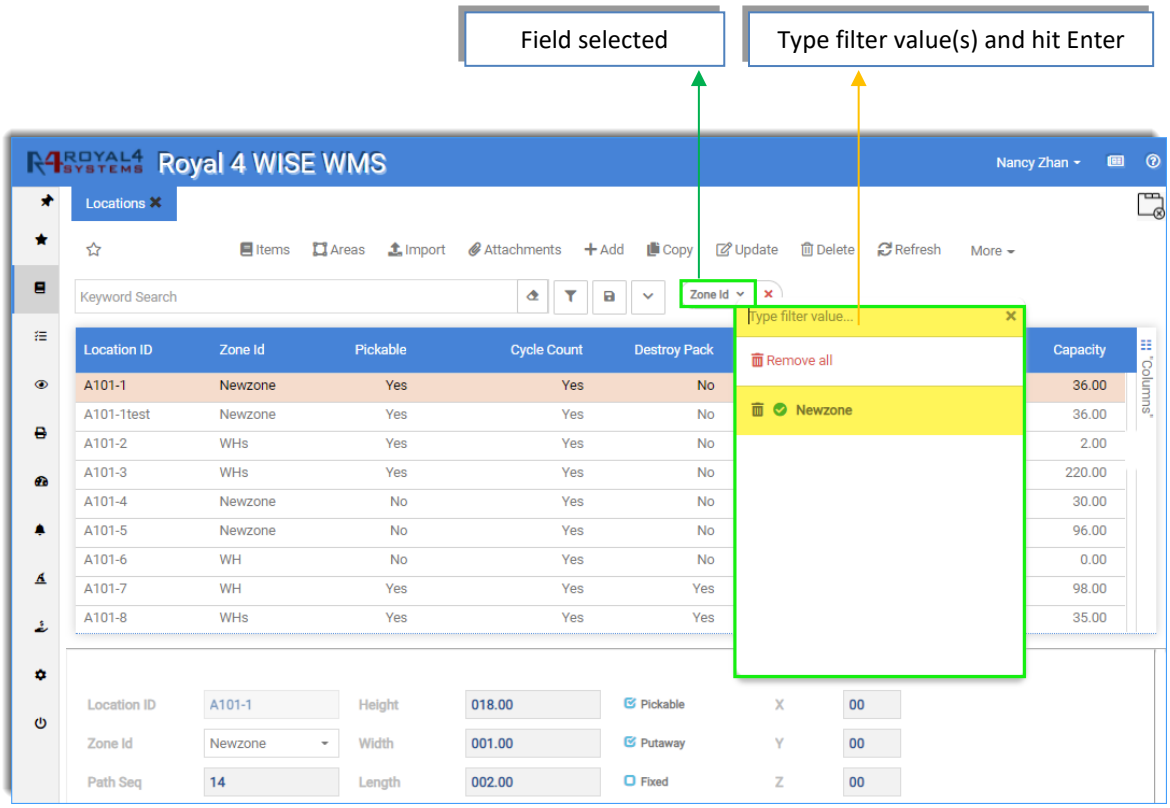
FILTER

Use this control to select or display information in the browser, according to a selection criteria.

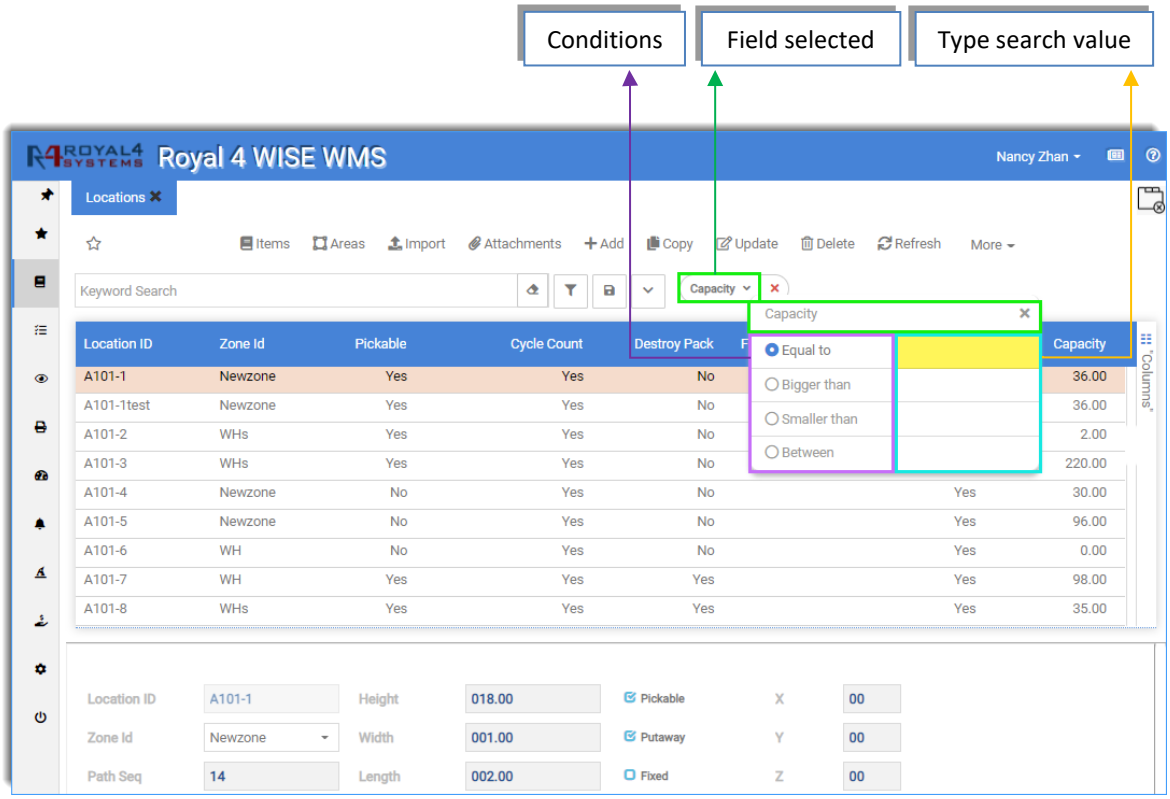
Upon clicking the *Filter*, the user is prompted to enter specific criteria, by selecting a field (or multiple fields) from the dialog box that contains all the fields available.



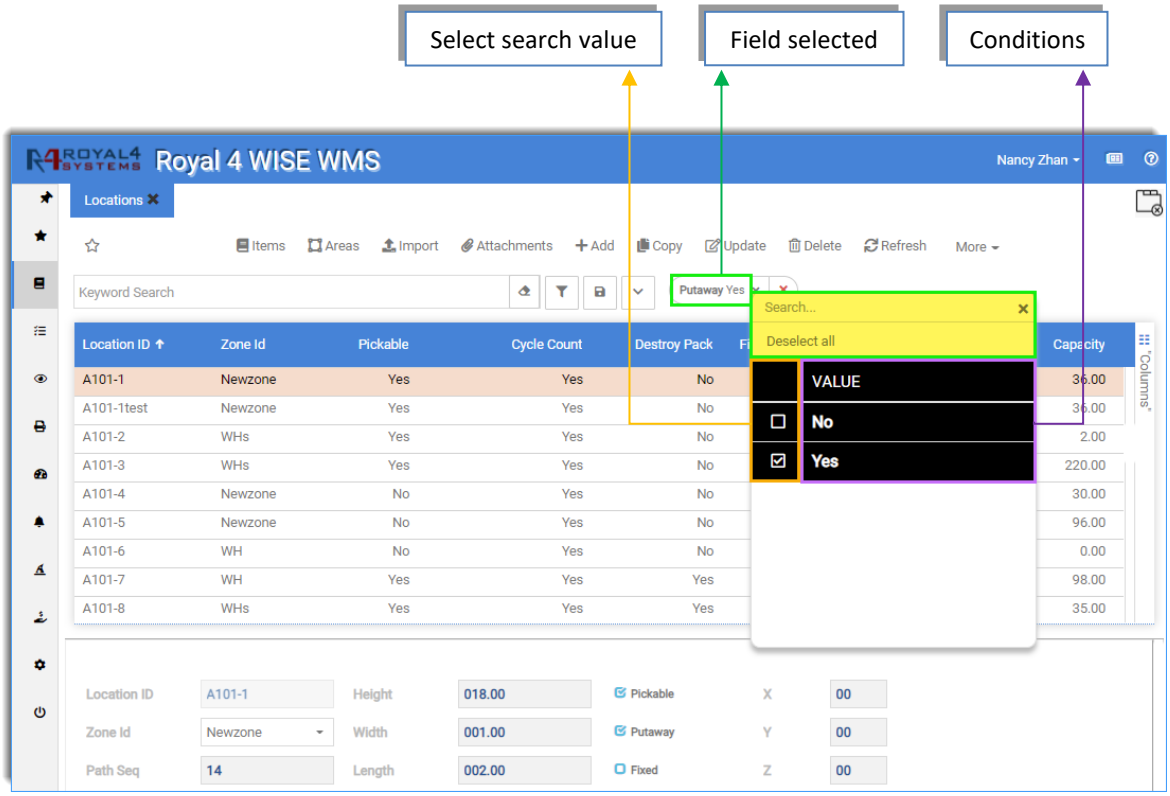
Then enter an operator that is going to define the condition of the record search. Lastly the screen prompts for a search value.



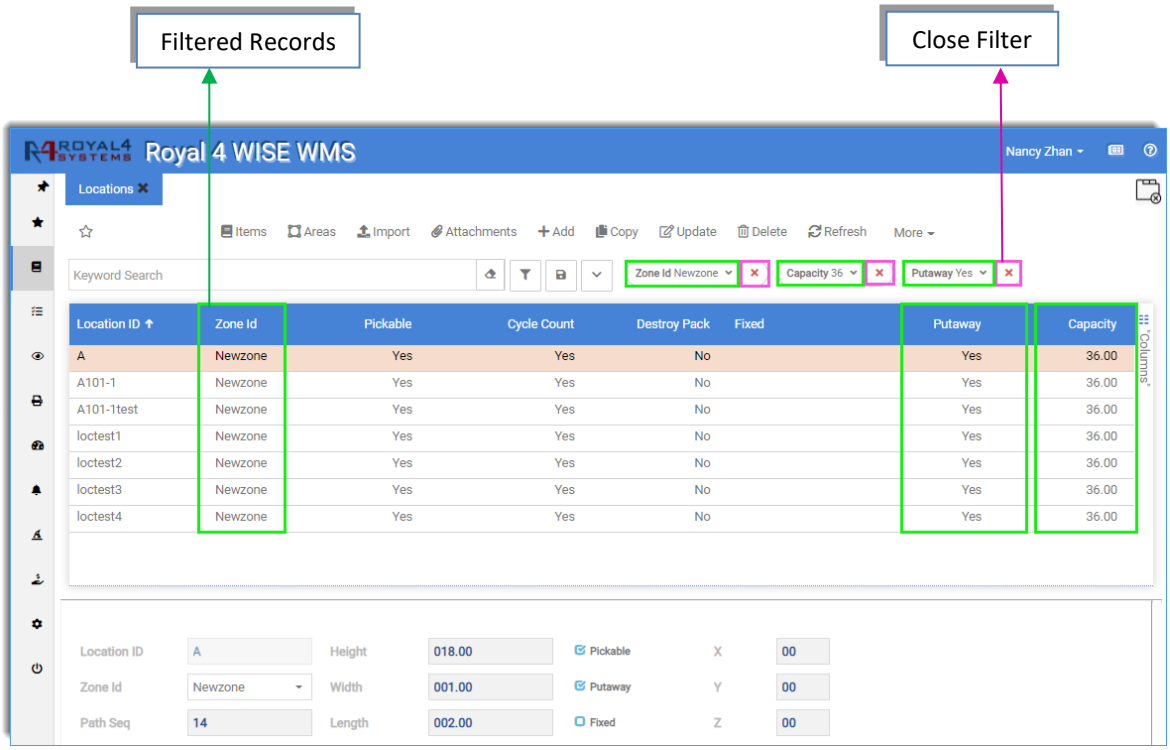
For numerical fields, enter a search value in this screen.



Other fields only prompt for a selection.

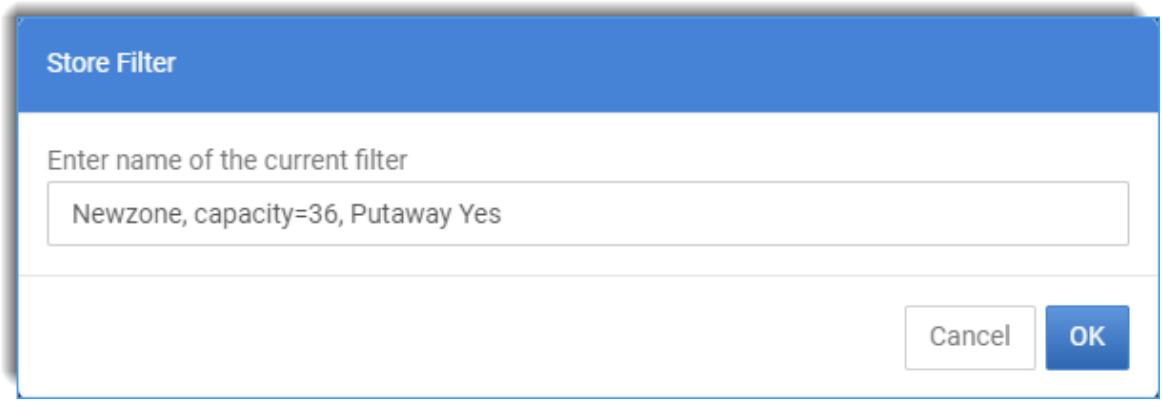


Various filters may be combined at the same time. Once the criteria has been selected, click outside the filter box and only the records that match the filter(s) criteria will be displayed.

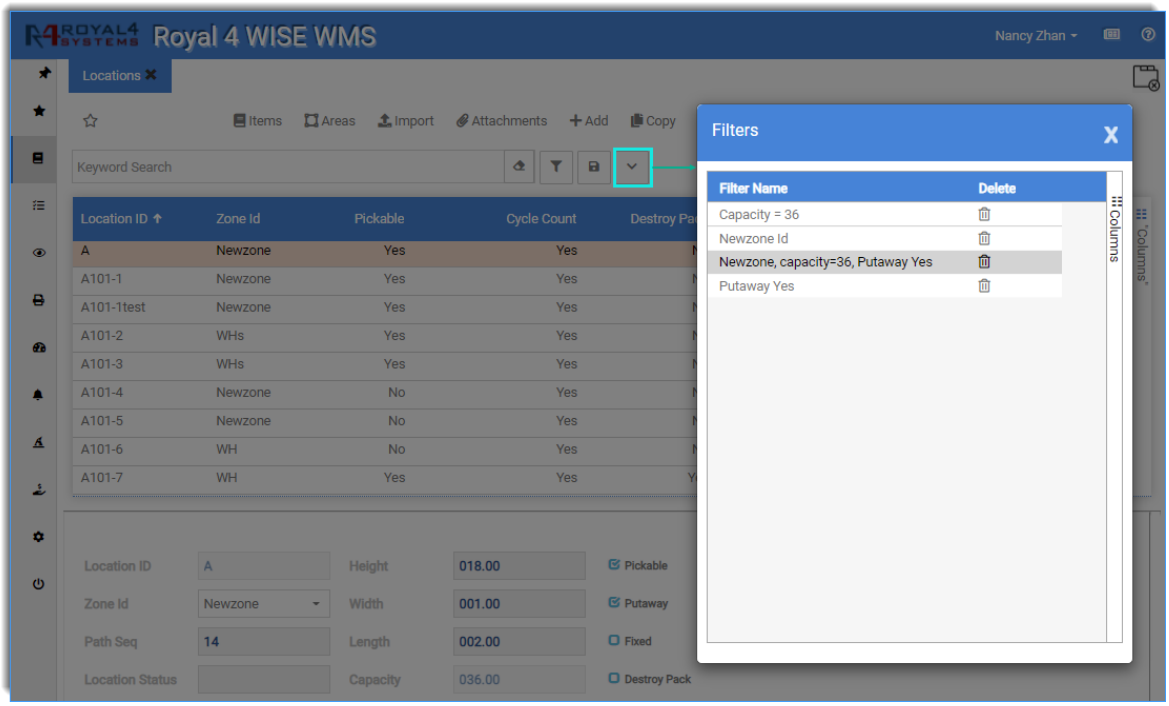


By clicking the *X* (next to the selected filter), the information that was originally displayed before the filtering, will reappear.

The filter can be saved after being created, click the *Save* button (next to the filter), type in the name of the filter and finally click *OK*.

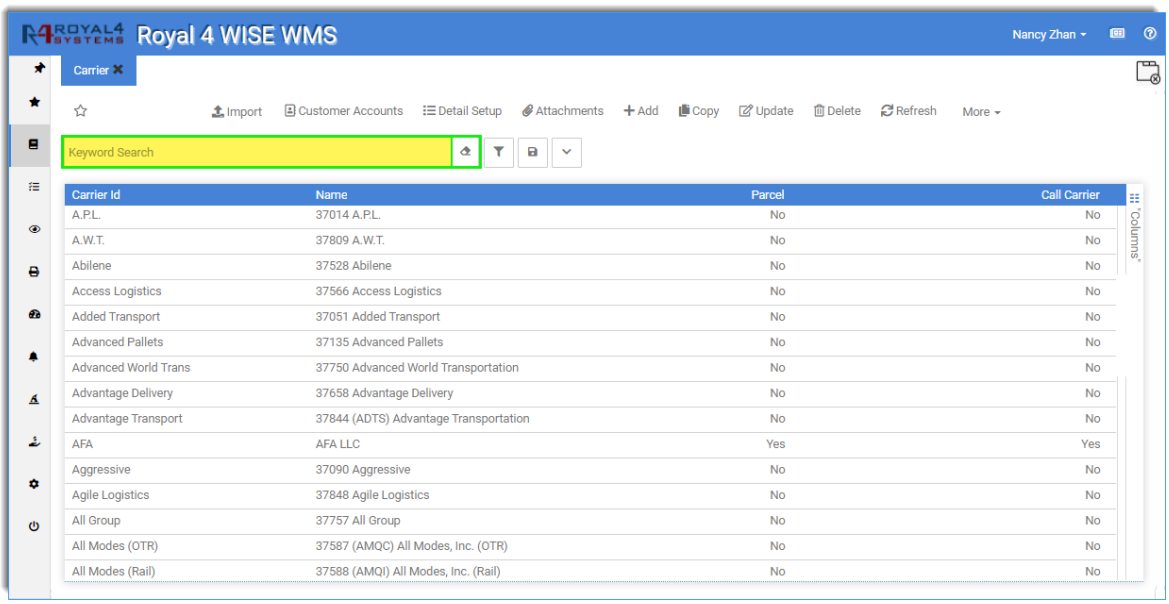


All previously saved filters can be accessed by clicking the caret.

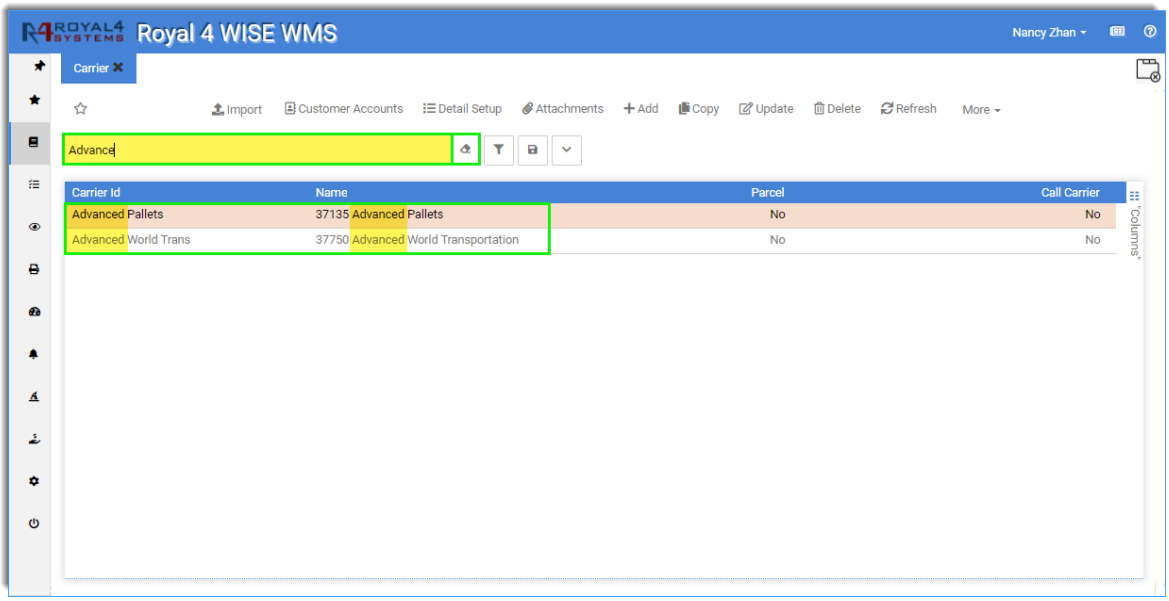


KEYWORD SEARCH BOX

The keyword search box is displayed in all the main screens of the maintenance, transactions, inquiries and administration functions. It is used to quickly find a specific record. To use it type the name or number of a record to look for and hit [Enter].

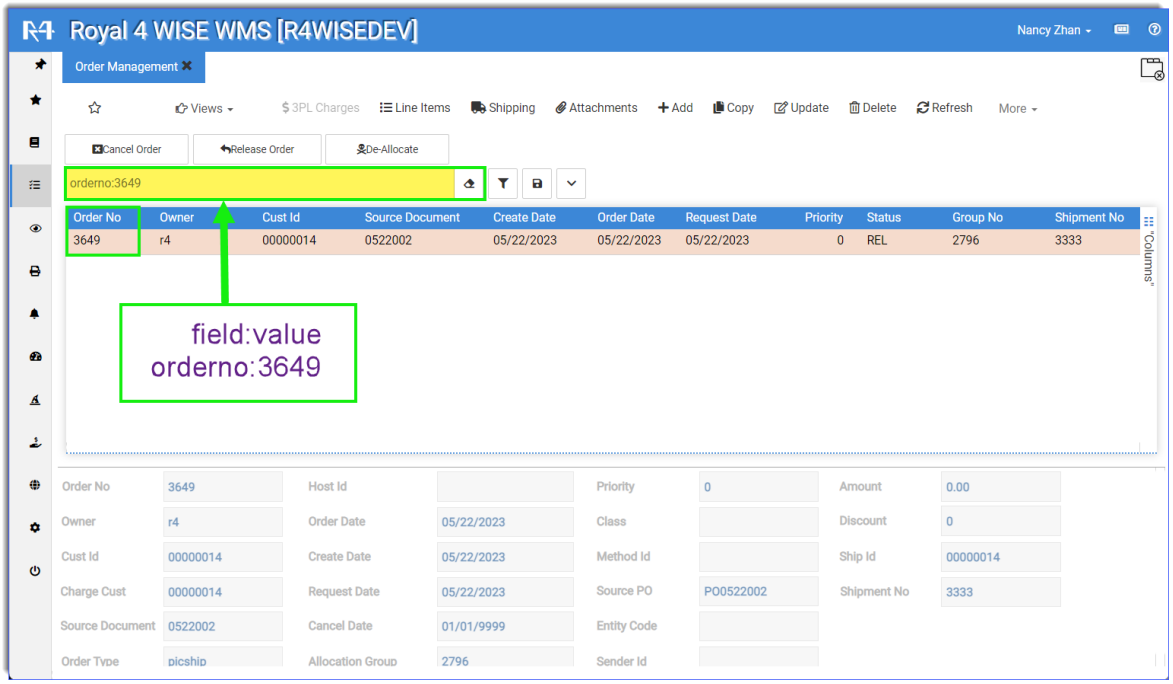


The system will display only the records that match the searching criteria.

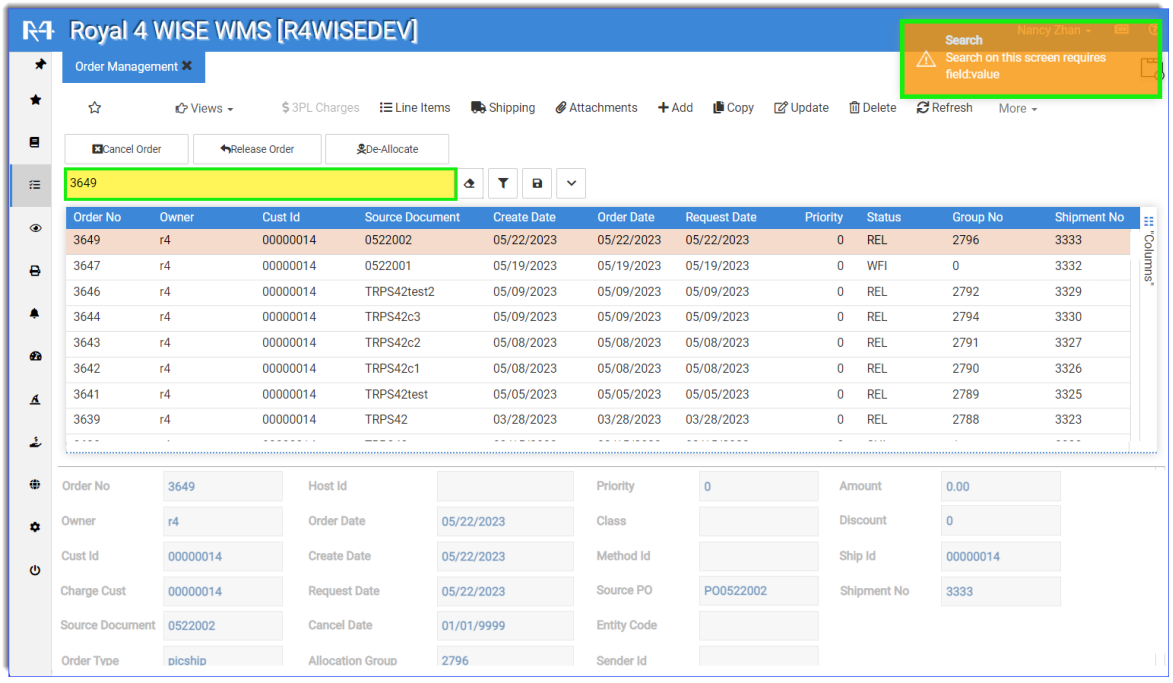


For screens that have a large amount of data the keyword search must include the notation of a field:value, the field is the name of the column without spaces and the value is the name or number of the record being searched. For example, in the

Order Management screen, if we want to look for order number 3649 we will need to write in the keyword search box orderno:3649.



If a field:value is required but not included in the keyword search, the system will display a warning message requesting one.

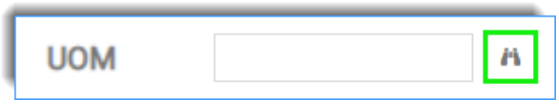


Click the eraser, or clear the box and hit [Enter] to have the system display all the records again.

LOOKUP

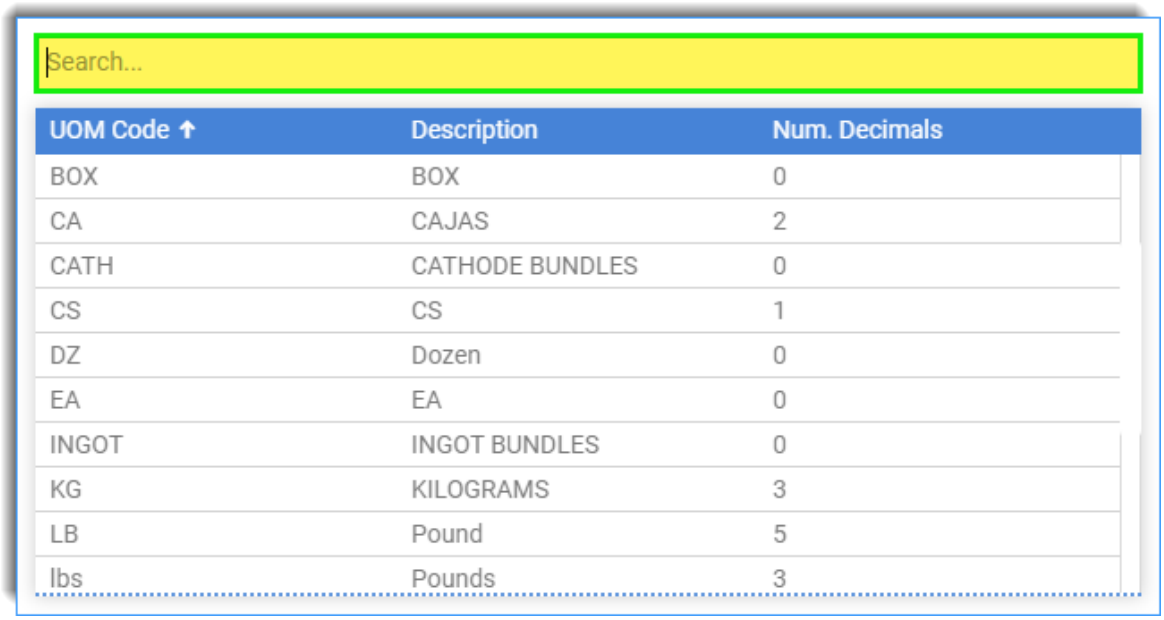
Lookup fields are a single field or a set of fields on a record that reference another record. To set their values, a lookup program can provide a browse on that other record's table to select a record and then assign its values to the lookup fields. Click the binoculars to call a lookup screen.

Example:



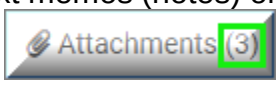
Lookup Screen

After navigating to the appropriate record, double click it to select it and return to the calling program. The lookup screen has a *Search* field.

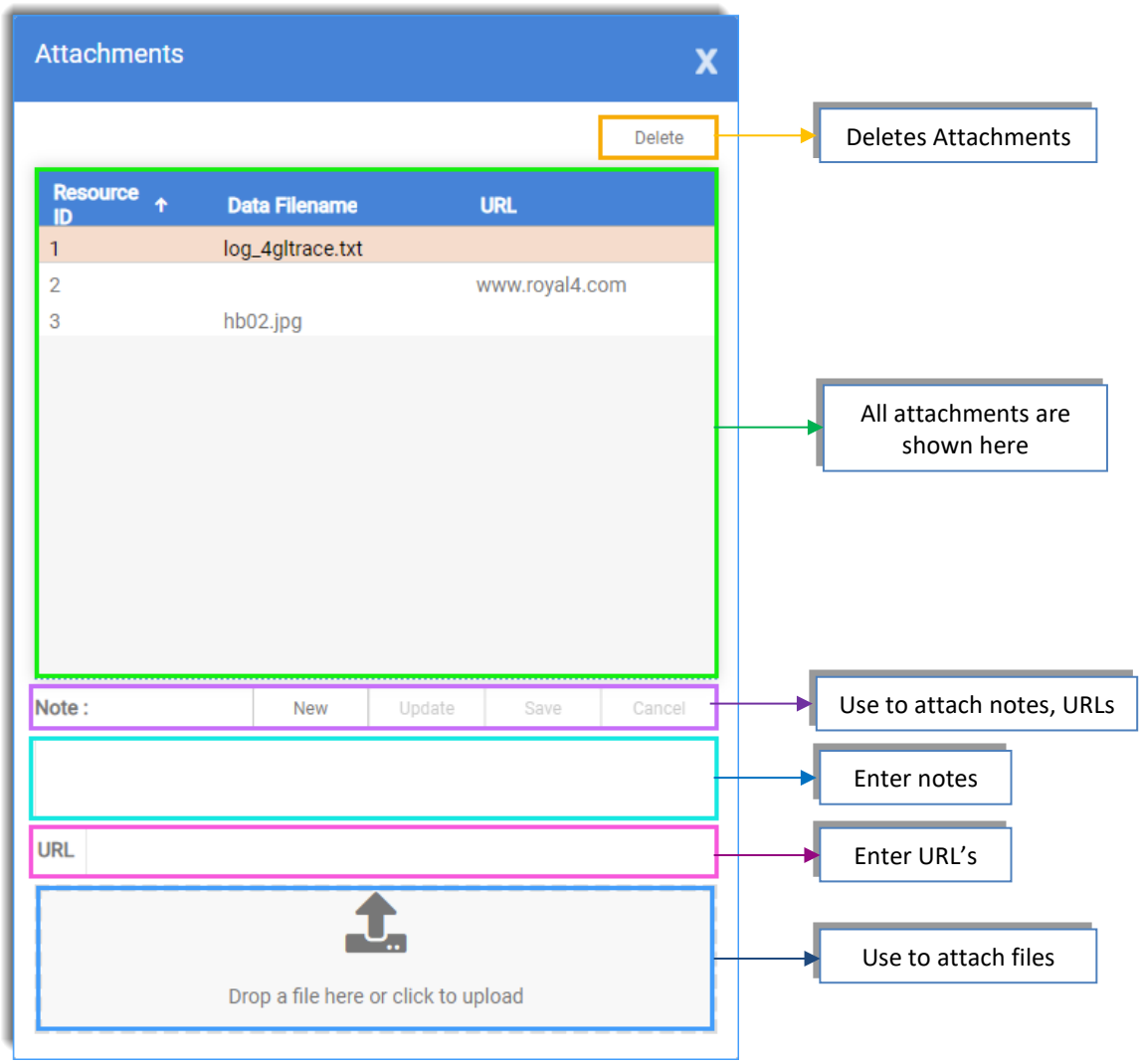


ATTACHMENTS

This functionality is used to attach information to (almost) any function in the system, this information can be a short text memo, an URL, any file on the computer or a combination of all three. To access it, use the paper clip control on the toolbar on any function screen, this launches the attachments window for the currently selected function and record on the screen.

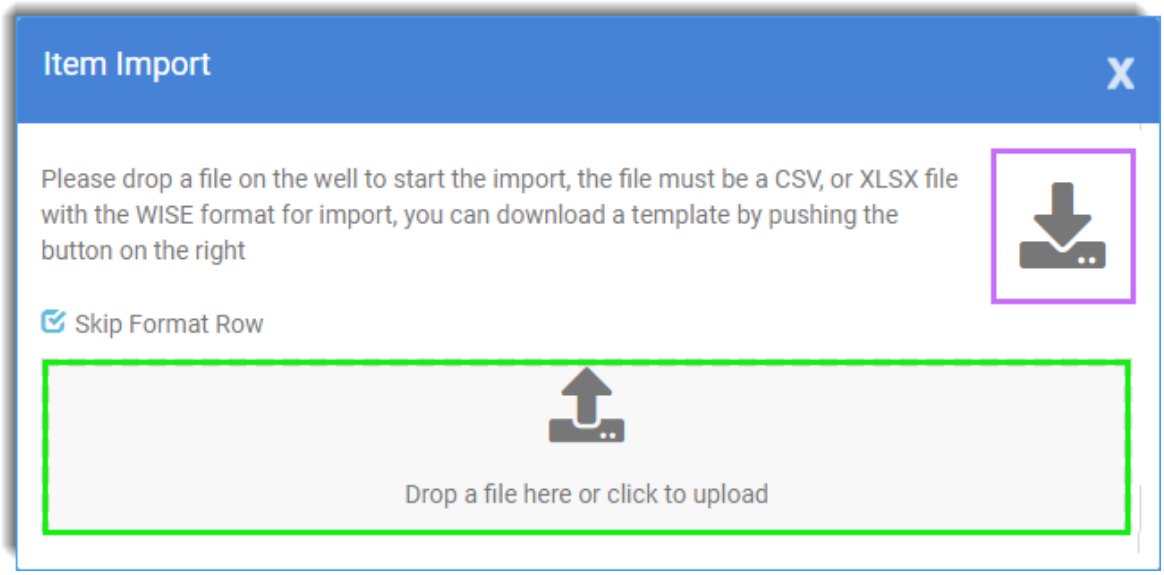
To attach a file to a record simply drag and drop the file in the bottom area. Use the buttons to add short text memos (notes) or URLs, these can be updated. When this icon shows a number 

it means there are attachments on the record. Clicking it will open the attachments screen where all the files attached are listed; double click the file and it will open in a different tab. Click *Delete* to remove an attachment from the record.

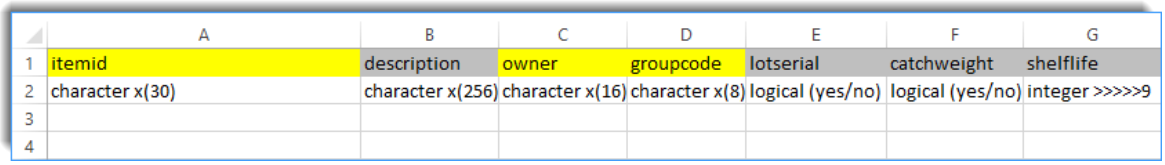


IMPORT/UPLOAD

Use these commands to import a CSV or XLSX file. The system will display the following window, drag and drop the file to import. Press this button  to download a template.



The template displays areas highlighted in yellow in the first row, which represent the mandatory fields required for the import. The second row describes the type of field it is, and the maximum number of characters allowed in that field.



	A	B	C	D	E	F	G
1	itemid	description	owner	groupcode	lotserial	catchweight	shelflife
2	character x(30)	character x(256)	character x(16)	character x(8)	logical (yes/no)	logical (yes/no)	integer >>>>>9
3							
4							

EXPORT

This is used to export the information on the screen as an Excel file.

AUDIT

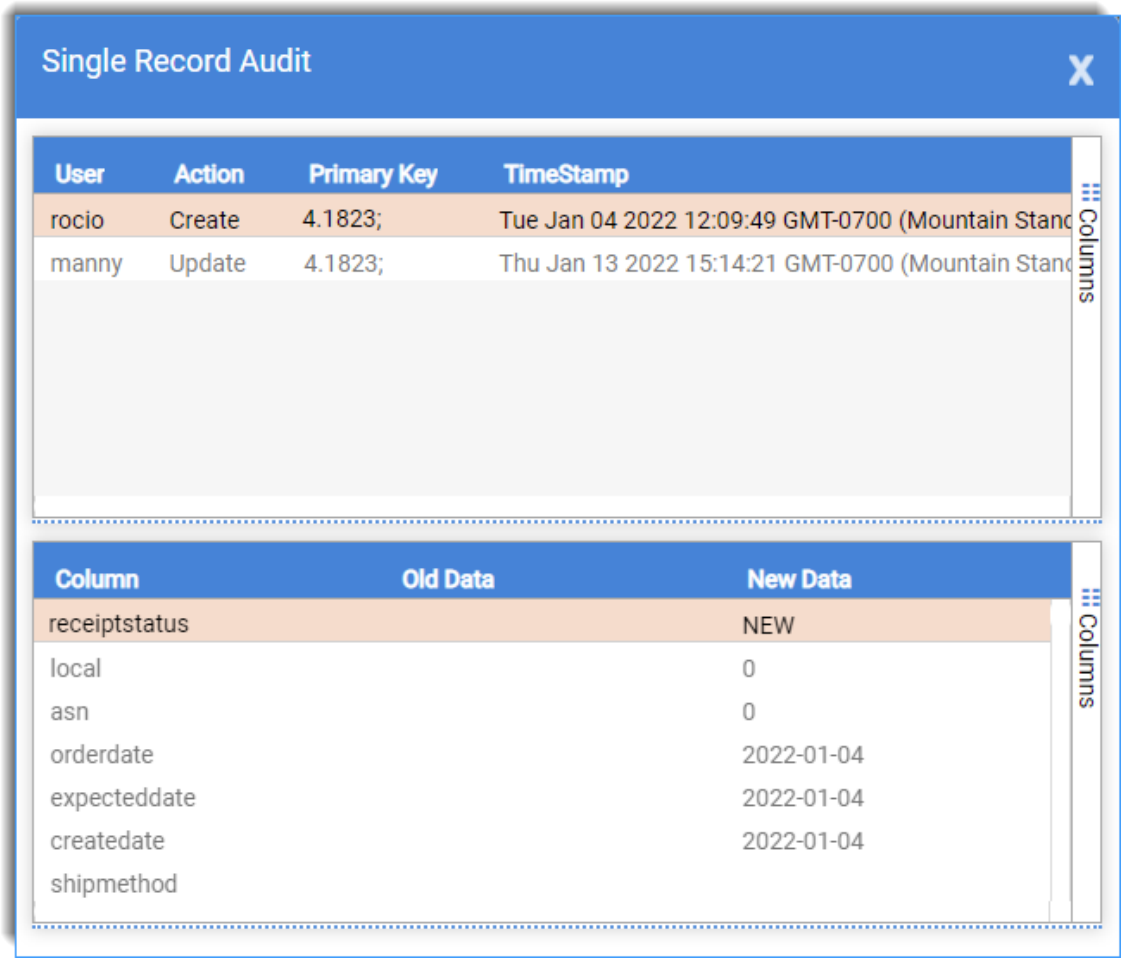
Audit is an internal functionality implemented in all Royal 4 products, it saves records for all transactions in the database; it is used to check the user, date, time and information stored in the database related to the record selected on the screen.

To access it select *More* and click *Audit*, the system will display information about all the modifications (add, copy, update, delete) made through any R4 screen to the

current table. The information displayed includes the user, action, time stamp and other specific details. This happens automatically for every window that uses an SDO; every SDO has audit capabilities.

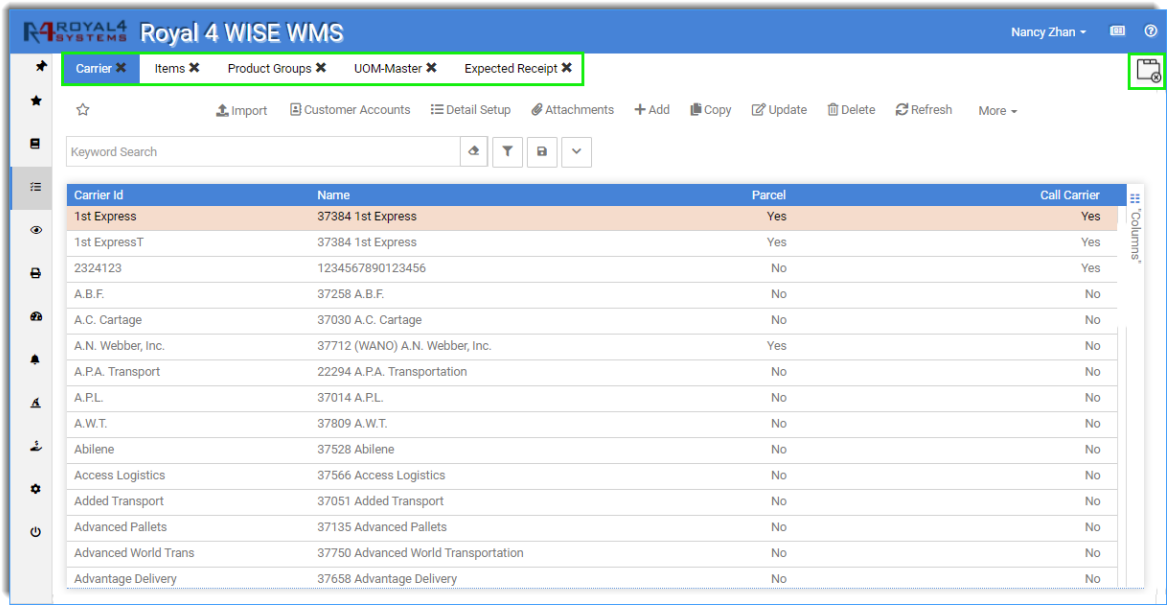
The *Primary Key* column is a comma separated list of the values of the key fields for the record being searched; it is technical information that helps getting to the record using the keys as an index.

The *Old Data* column displays the fields with the values the table had before and the *New Data* displays the values after the operations. This is useful information because it shows the before and after table of the operations and who made the changes.



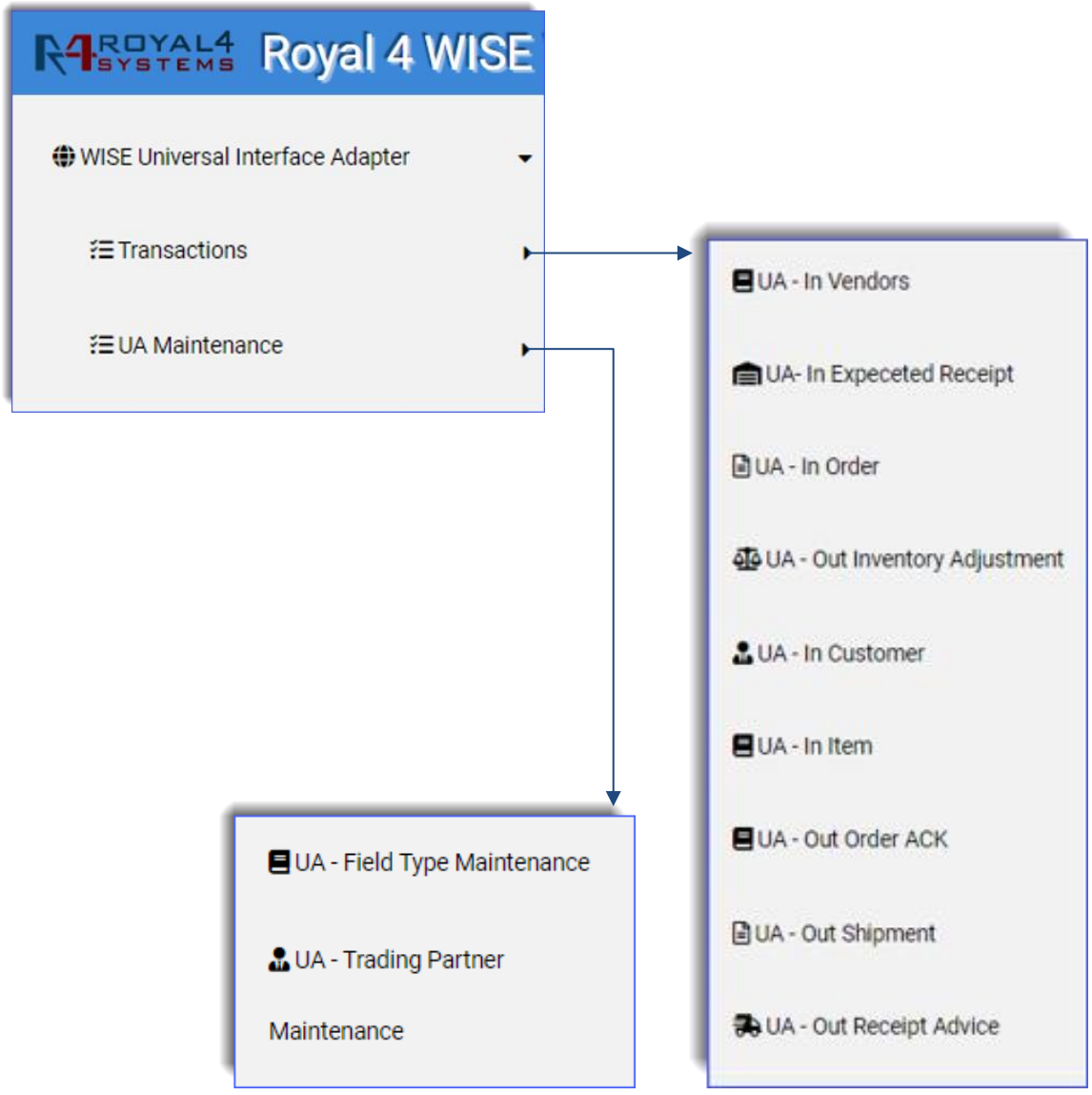
Close Inactive Tabs

The system allows up to ten functions to open as tabs across the top of the main screen; the one highlighted in blue is the active function tab. Click this option to close all inactive function tabs.


Royal 4 WISE WMS
Nancy Zhan
Carrier
Items
Product Groups
UOM-Master
Expected Receipt
Import
Customer Accounts
Detail Setup
Attachments
Add
Copy
Update
Delete
Refresh
More
Keyword Search
Columns
Carrier Id
Name
Parcel
Call Carrier
1st Express
37384 1st Express
Yes
Yes
1st ExpressT
37384 1st Express
Yes
Yes
2324123
1234567890123456
No
Yes
A.B.F.
37258 A.B.F.
No
No
A.C. Cartage
37030 A.C. Cartage
No
No
A.N. Webber, Inc.
37712 (WANO) A.N. Webber, Inc.
Yes
No
A.P.A. Transport
22294 A.P.A. Transportation
No
No
A.P.L.
37014 A.P.L.
No
No
A.W.T.
37809 A.W.T.
No
No
Abilene
37528 Abilene
No
No
Access Logistics
37566 Access Logistics
No
No
Added Transport
37051 Added Transport
No
No
Advanced Pallets
37135 Advanced Pallets
No
No
Advanced World Trans
37750 Advanced World Transportation
No
No
Advantage Delivery
37658 Advantage Delivery
No
No

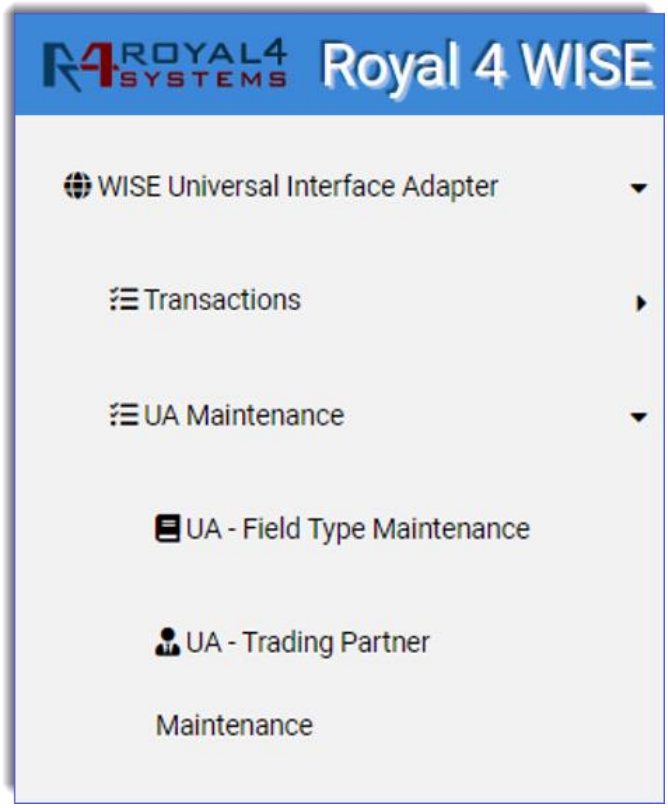
UA System Menu

The Universal Interface Adapter (UA) is a folder within the *WISE* system, select it to open the Universal Interface Adapter menu.



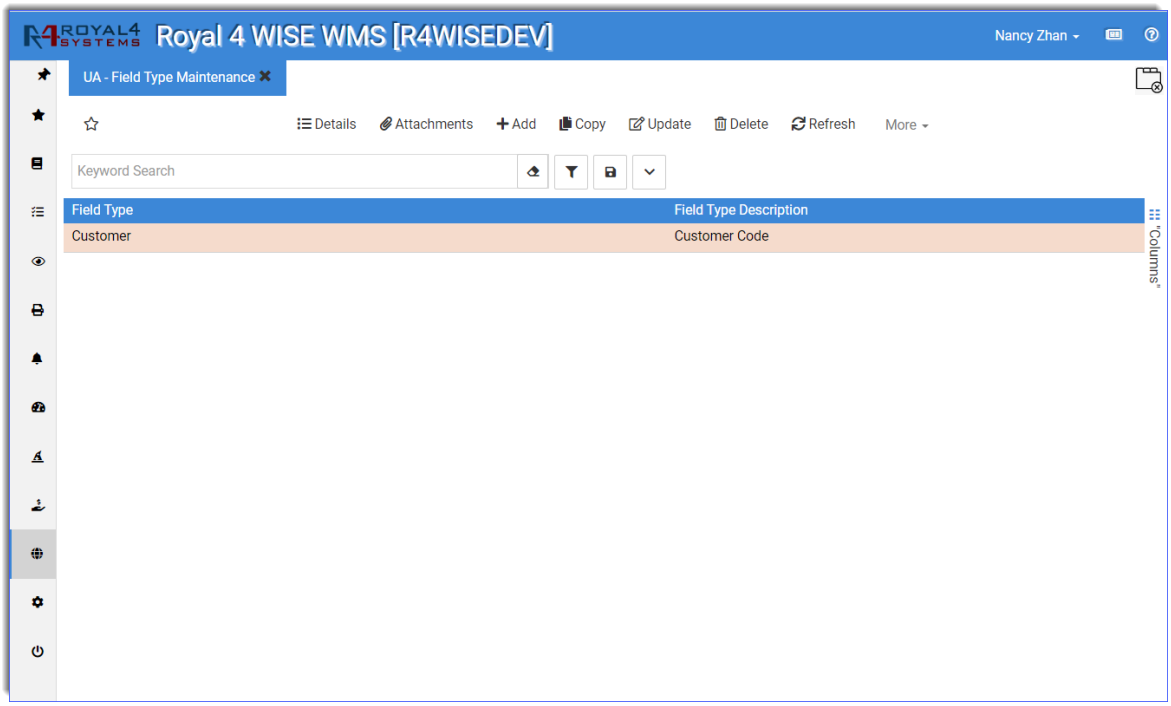
Chapter 2 : Maintenance

This folder gathers all the maintenance functions of the Universal Interface Adapter (UA) system together under a single menu.

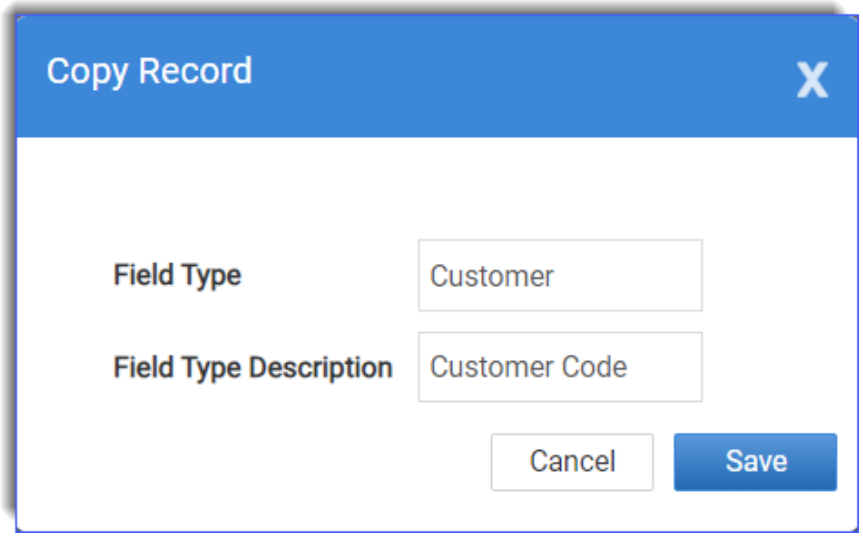


UA - Field Type Maintenance

Use this function to create and maintain field types and their descriptions.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Field Type

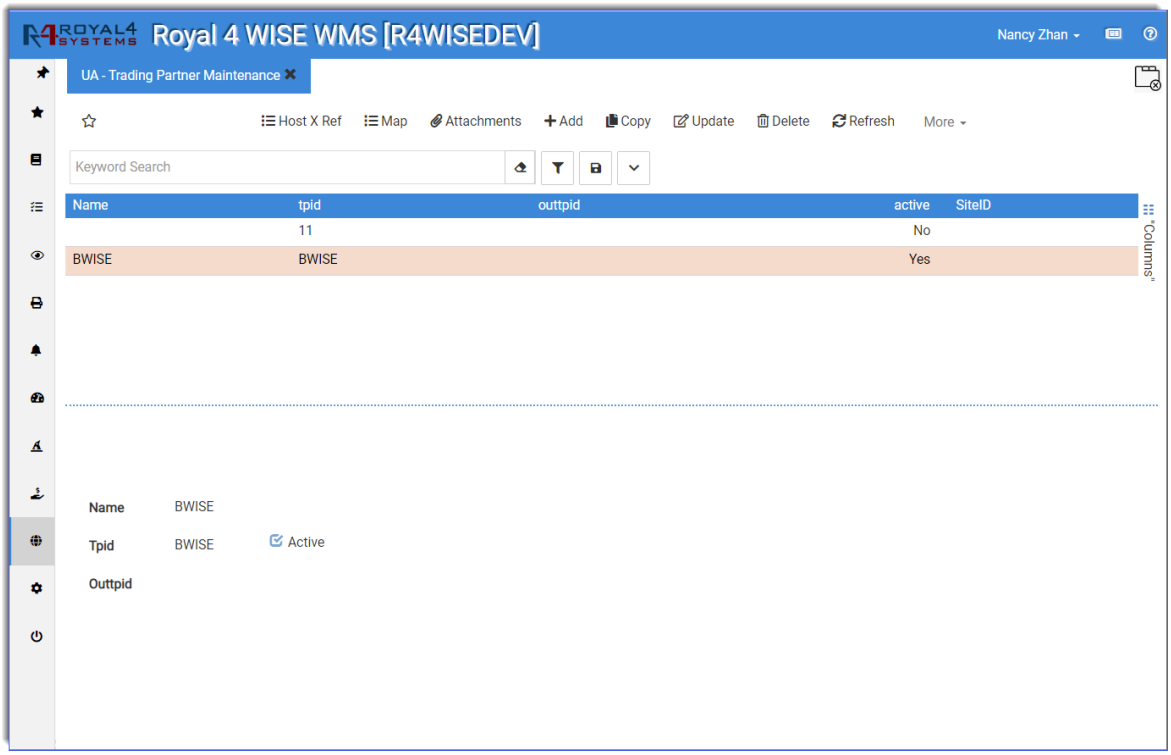
Enter the field type to be created or modified.

Field Type Description

Enter a description for the field type.

UA - Trading Partner Maintenance

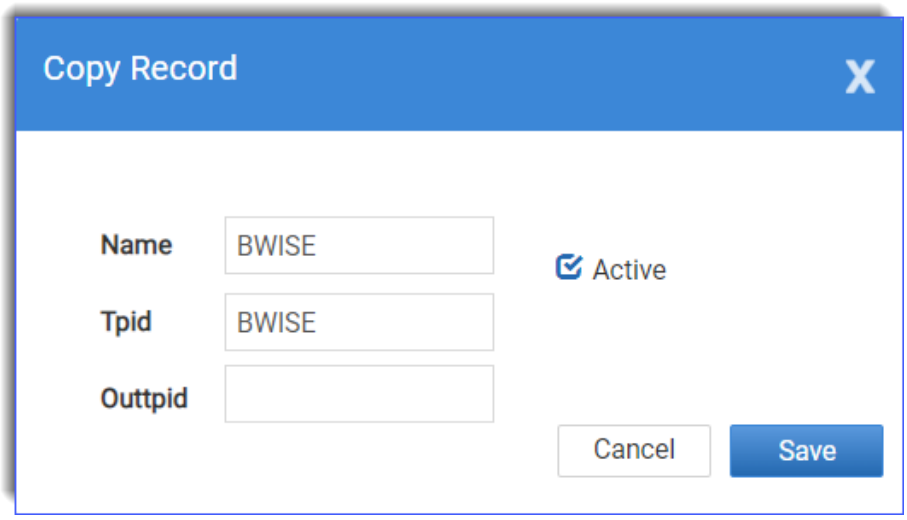
Use this function to create and maintain trading partners information.



General Tab

This tab is used to set up traiding partners identification codes and their description.

On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Name

Enter the name of the trading partner.

Tpid

Enter the trading partner identification code to create or modify.

Outtpid

This is the ID that will be out in the EDI document as the trading partner Id.

Active

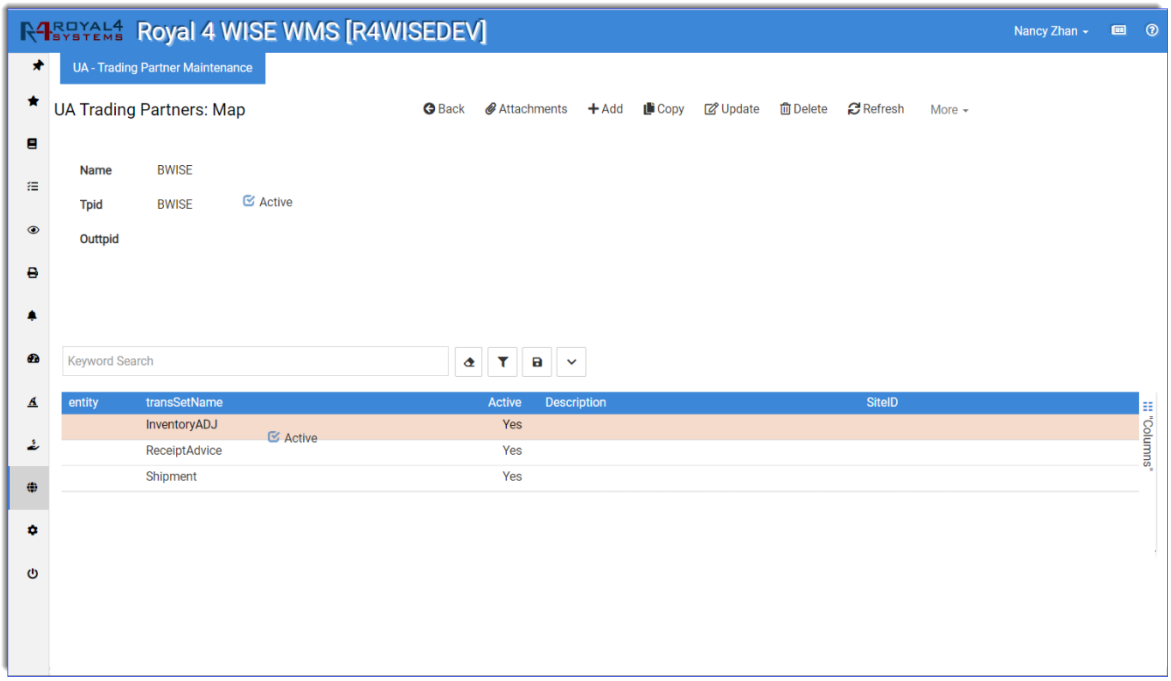
If this box is checked, it means the trading partner is active.

Map Tab

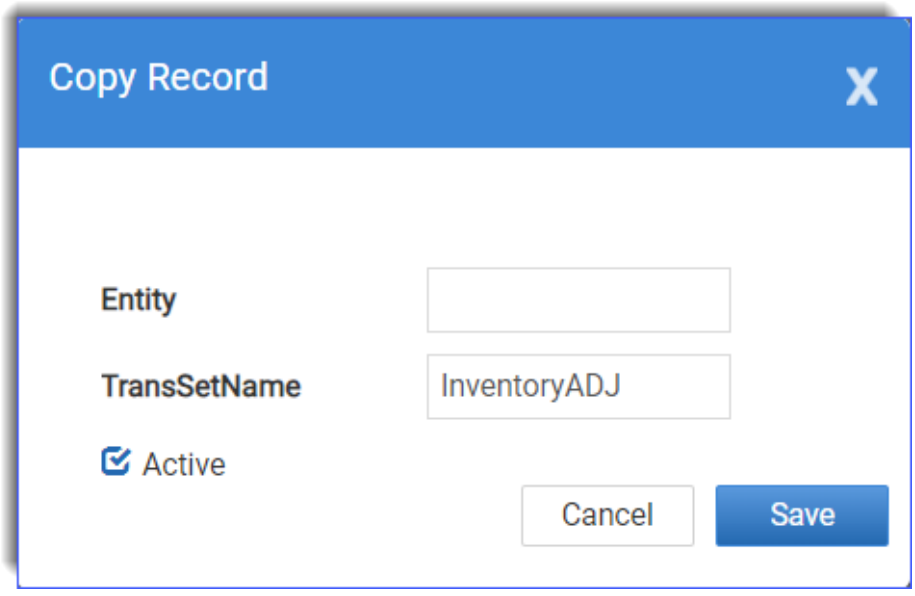
Access this tab by selecting *Map* on the UA – Trading Partner Maintenance main screen.

This tab is used to configure the EDI transactions that are sent out of the system.

Click *Back* to return to the UA – Trading Partner Maintenance main screen.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Owner

Enter the owner (entity) code.

TranSetName

Select the type of transaction.

Active

If this box is checked, it means it is active.

Host X Ref Tab

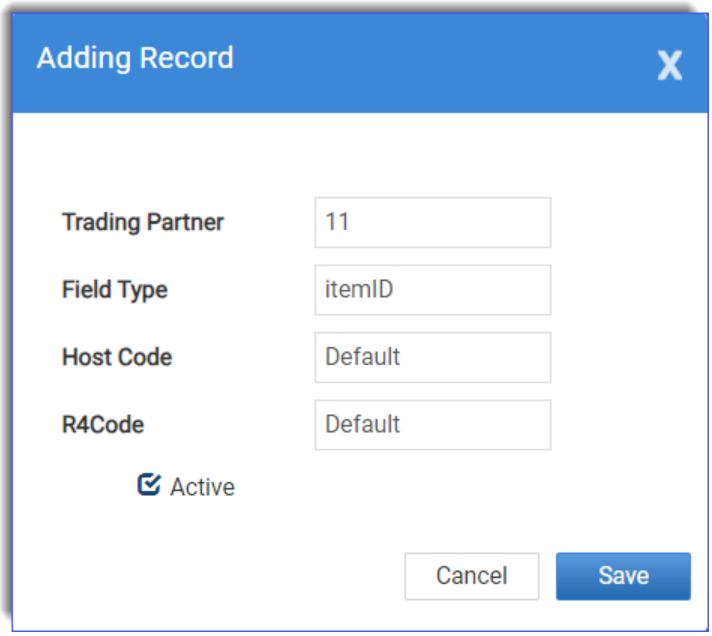
Access this tab by selecting *Host X Ref* on the UA – Trading Partner Maintenance main screen.

This tab is used to set up cross references for items, vendors and customers between the host system and *WISE* system.

Click *Back* to return to the UA – Trading Partner Maintenance main screen.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Trading Partner

The trading partner ID is displayed.

FieldType

Enter or use the look up button to select the field type.

Host Code

This is the host system ID.

R4Code

This is the *WISE* system ID.

Active

If this is checked (marked as yes), it means it is being used. If it is not active the system will not look into it.

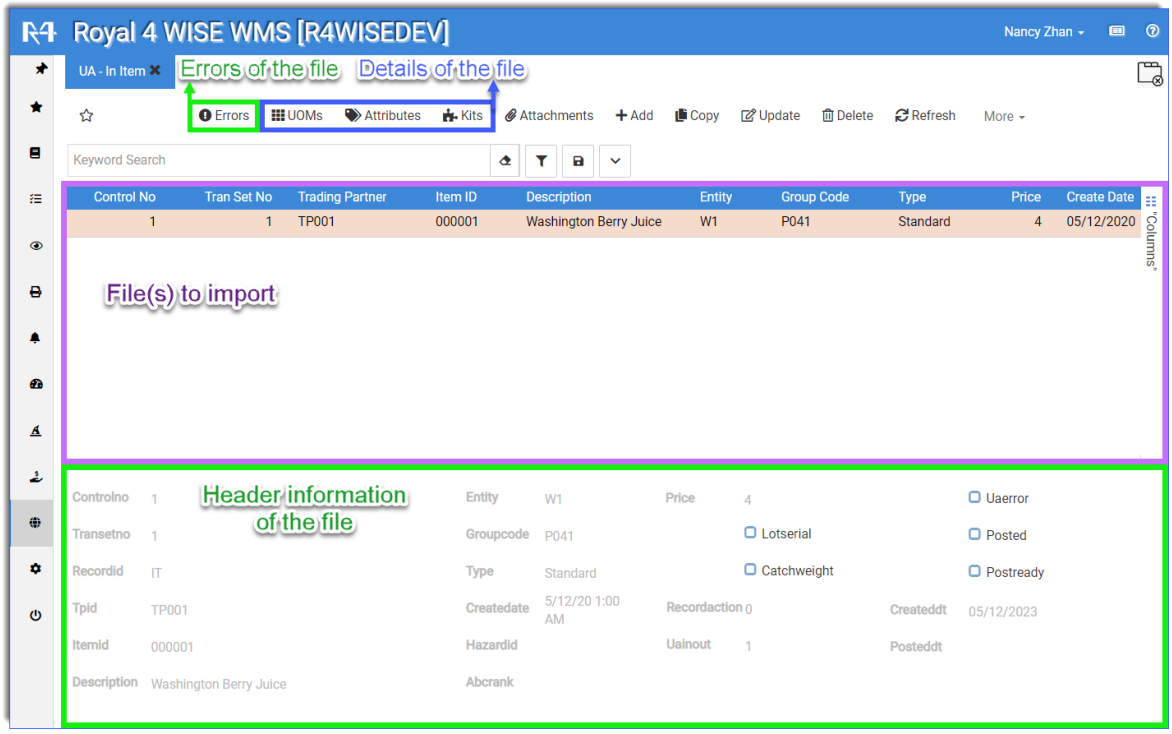
Chapter 3 : Transactions

This folder gathers all the transaction processing functions of the Universal Interface Adapter (UA) system together under a single menu.

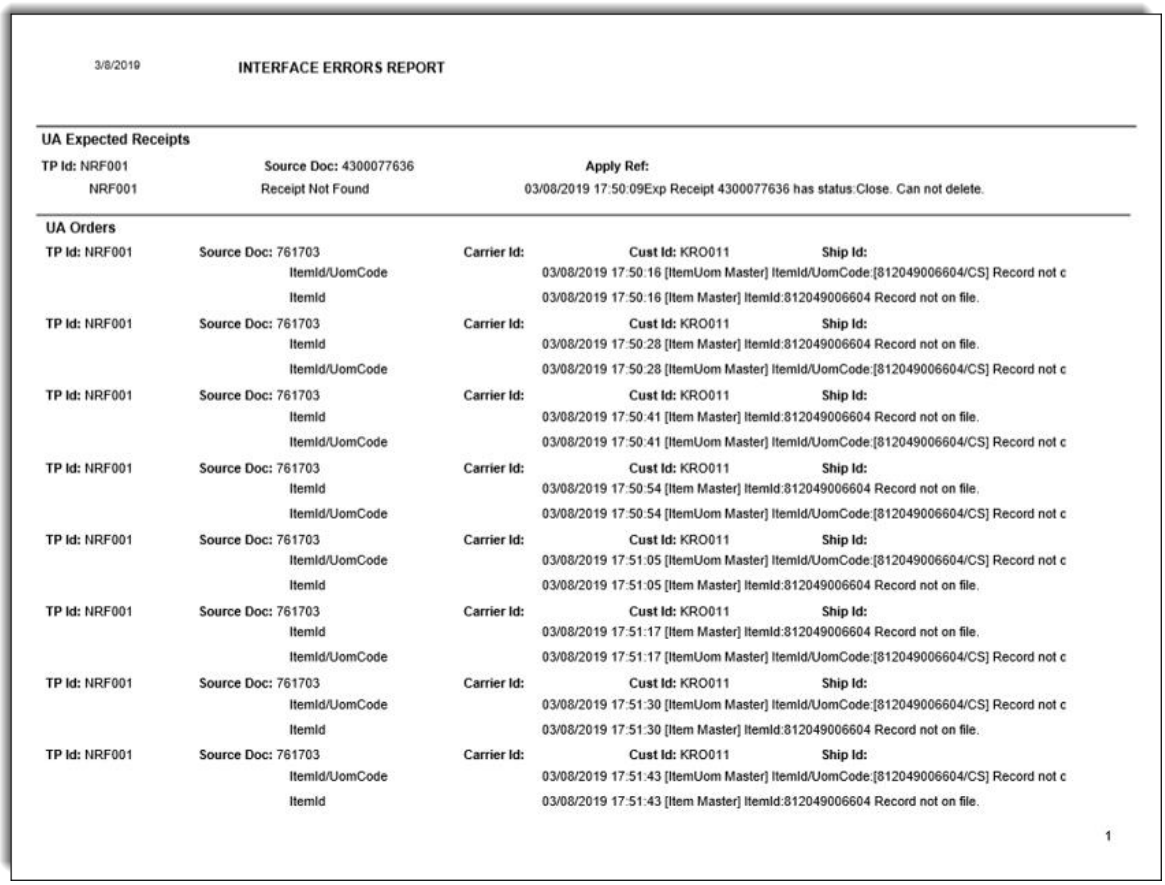


UA TRANSACTIONS SCREENS

All the UA Transactions screens have the same structure, at opening they show the respective file(s) to import, most of the time this section is empty because the files have been imported. At the bottom they show the header information of the selected file. Click the tab options at the top to see details of the selected file. Click *Errors* to see the errors of the file, these errors must be resolved before the schedule can load the file.



UA INTERFACE ERRORS REPORT SAMPLE



3/8/2019 INTERFACE ERRORS REPORT

UA Expected Receipts

TP Id: NRF001 **Source Doc:** 4300077636 **Apply Ref:**
NRF001 Receipt Not Found 03/08/2019 17:50:09Exp Receipt 4300077636 has status:Close. Can not delete.

UA Orders

TP Id: NRF001 **Source Doc:** 761703 **Carrier Id:** **Cust Id:** KRO011 **Ship Id:**
ItemId/UomCode 03/08/2019 17:50:16 [ItemUom Master] ItemId/UomCode:[812049006604/CS] Record not c
ItemId 03/08/2019 17:50:16 [Item Master] ItemId:812049006604 Record not on file.

TP Id: NRF001 **Source Doc:** 761703 **Carrier Id:** **Cust Id:** KRO011 **Ship Id:**
ItemId 03/08/2019 17:50:28 [Item Master] ItemId:812049006604 Record not on file.
ItemId/UomCode 03/08/2019 17:50:28 [ItemUom Master] ItemId/UomCode:[812049006604/CS] Record not c

TP Id: NRF001 **Source Doc:** 761703 **Carrier Id:** **Cust Id:** KRO011 **Ship Id:**
ItemId 03/08/2019 17:50:41 [Item Master] ItemId:812049006604 Record not on file.
ItemId/UomCode 03/08/2019 17:50:41 [ItemUom Master] ItemId/UomCode:[812049006604/CS] Record not c

TP Id: NRF001 **Source Doc:** 761703 **Carrier Id:** **Cust Id:** KRO011 **Ship Id:**
ItemId 03/08/2019 17:50:54 [Item Master] ItemId:812049006604 Record not on file.
ItemId/UomCode 03/08/2019 17:50:54 [ItemUom Master] ItemId/UomCode:[812049006604/CS] Record not c

TP Id: NRF001 **Source Doc:** 761703 **Carrier Id:** **Cust Id:** KRO011 **Ship Id:**
ItemId/UomCode 03/08/2019 17:51:05 [ItemUom Master] ItemId/UomCode:[812049006604/CS] Record not c
ItemId 03/08/2019 17:51:05 [Item Master] ItemId:812049006604 Record not on file.

TP Id: NRF001 **Source Doc:** 761703 **Carrier Id:** **Cust Id:** KRO011 **Ship Id:**
ItemId 03/08/2019 17:51:17 [Item Master] ItemId:812049006604 Record not on file.
ItemId/UomCode 03/08/2019 17:51:17 [ItemUom Master] ItemId/UomCode:[812049006604/CS] Record not c

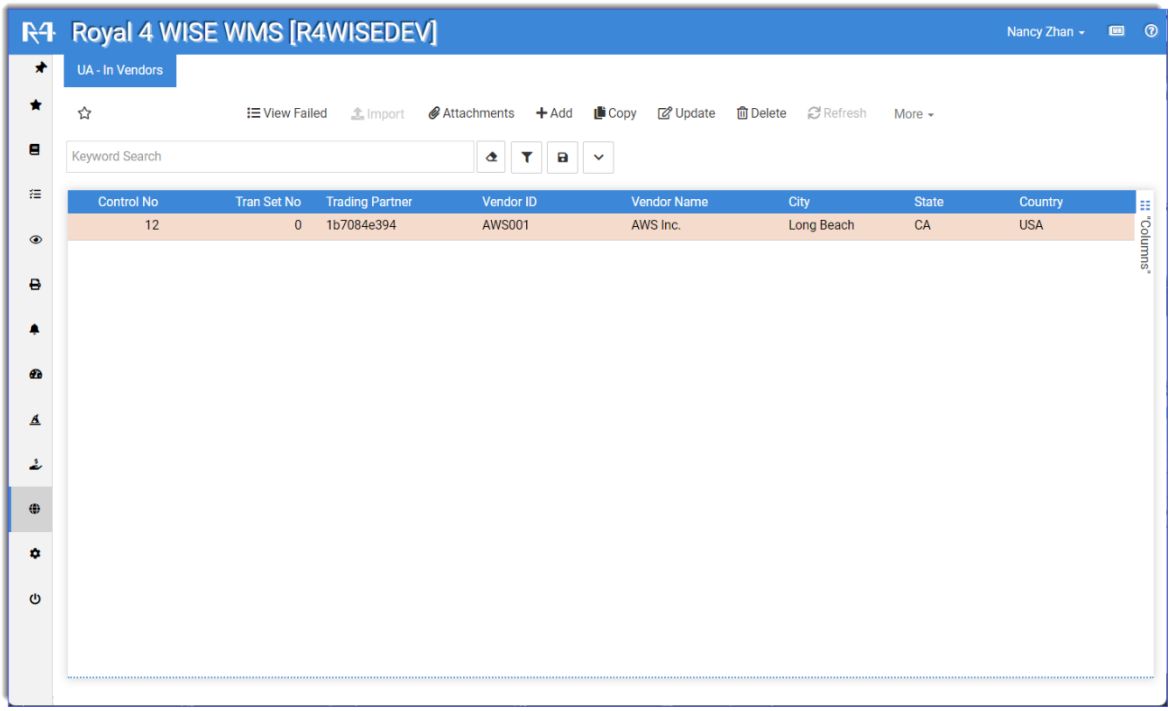
TP Id: NRF001 **Source Doc:** 761703 **Carrier Id:** **Cust Id:** KRO011 **Ship Id:**
ItemId/UomCode 03/08/2019 17:51:30 [ItemUom Master] ItemId/UomCode:[812049006604/CS] Record not c
ItemId 03/08/2019 17:51:30 [Item Master] ItemId:812049006604 Record not on file.

TP Id: NRF001 **Source Doc:** 761703 **Carrier Id:** **Cust Id:** KRO011 **Ship Id:**
ItemId/UomCode 03/08/2019 17:51:43 [ItemUom Master] ItemId/UomCode:[812049006604/CS] Record not c
ItemId 03/08/2019 17:51:43 [Item Master] ItemId:812049006604 Record not on file.

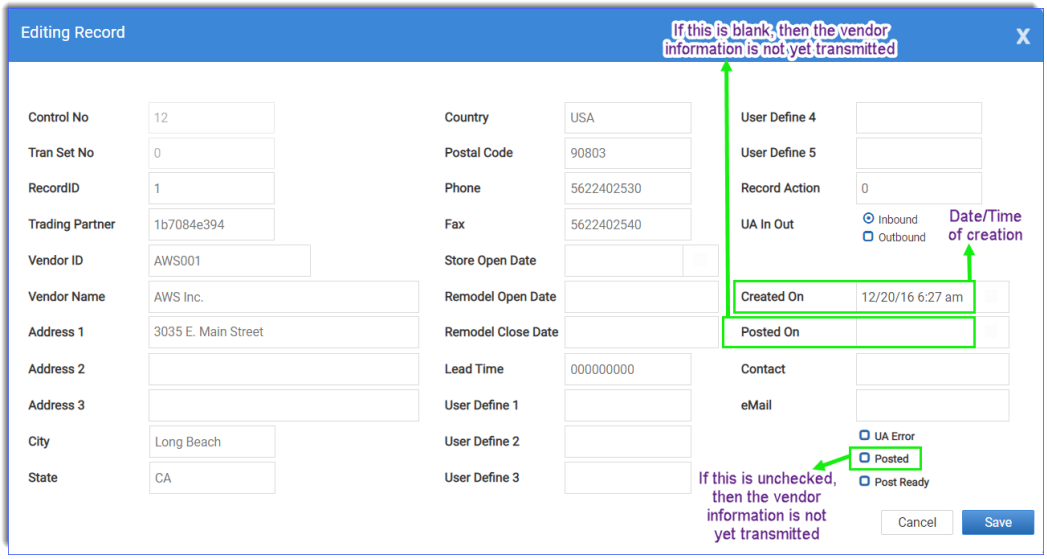
1

UA – In Vendors

This function shows the staging information for the vendor master. The screen displays the vendor master data received from the host system that will be integrated with the *WISE* system.



Select a record and click *View* to see its details. On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

ControlNo

This is a unique transaction sequence number set up by the system.

TranSetNo

This is a unique transaction sequence number set up by the system.

RecordID

The item master record identifier is displayed.

Trading Partner

The trading partner identifier is displayed. This field is required. This information is mapped to the internal vendor ID Account. This field is required.

Vendor ID

The unique vendor ID is displayed. Vendor ID must exist in the Vendor Master. This field is required.

Vendor Name

The vendor's name is displayed. This field is required.

Address 1, 2, 3

The vendor's address is displayed (up to three lines). This field is required.

City

The city in which the vendor is located is displayed. This field is required.

State

The code for the state in which the vendor is located is displayed. This field is required.

Country

The country in which the vendor is located is displayed.

Postal Code

The vendor's zip code is displayed. This field is required.

Phone

The vendor's telephone number is displayed.

Fax

The vendor's fax number is displayed.

Store Open Date

The vendor's internal store open date is displayed. This is used for EDI compliance.

Remodel Open Date

The vendor's internal remodel open date is displayed. This is used for EDI compliance.

Remodel Close Date

The vendor's internal remodel close date is displayed. This is used for EDI compliance.

Lead Time

The vendor's lead time is displayed. This is used for EDI compliance.

UserDefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

RecordAction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

UAInOut

It shows whether the information is coming in or out of the system:

In = Coming into *WISE*.
Out = Out of *WISE*.

Created On

The creation date and time are displayed.

Posted On

The posting date and time are displayed.

Contact

The name of the contact at the vendor site is displayed.

eMail

The vendor’s e-mail address is displayed.

UAError

If this box is checked it means there has been an error in the transmission.

Posted

If this box is checked it means the transmission has been posted.

PostReady

If this box is checked it means the transaction is ready to be posted.

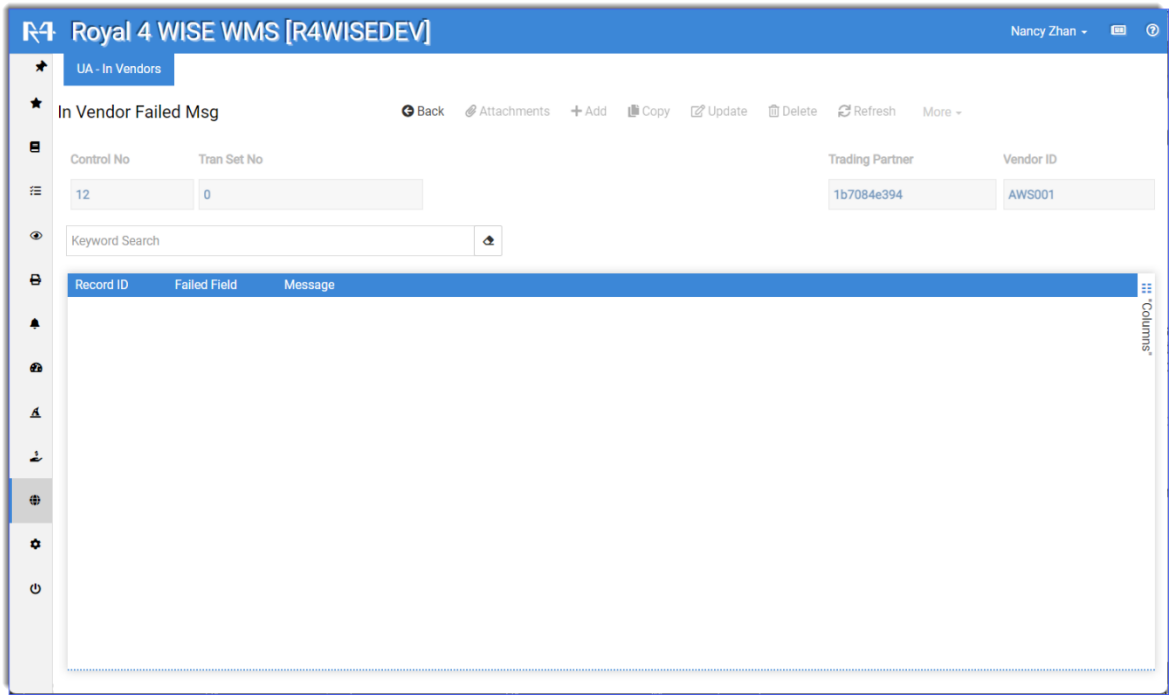
View Failed

Access this tab by selecting *View Failed* in the UA – In Vendors main screen.

This screen displays the errors of the selected file (the reasons for not loading), if any; mostly it is due to the master data not setup or invalid data comes in the EDI.

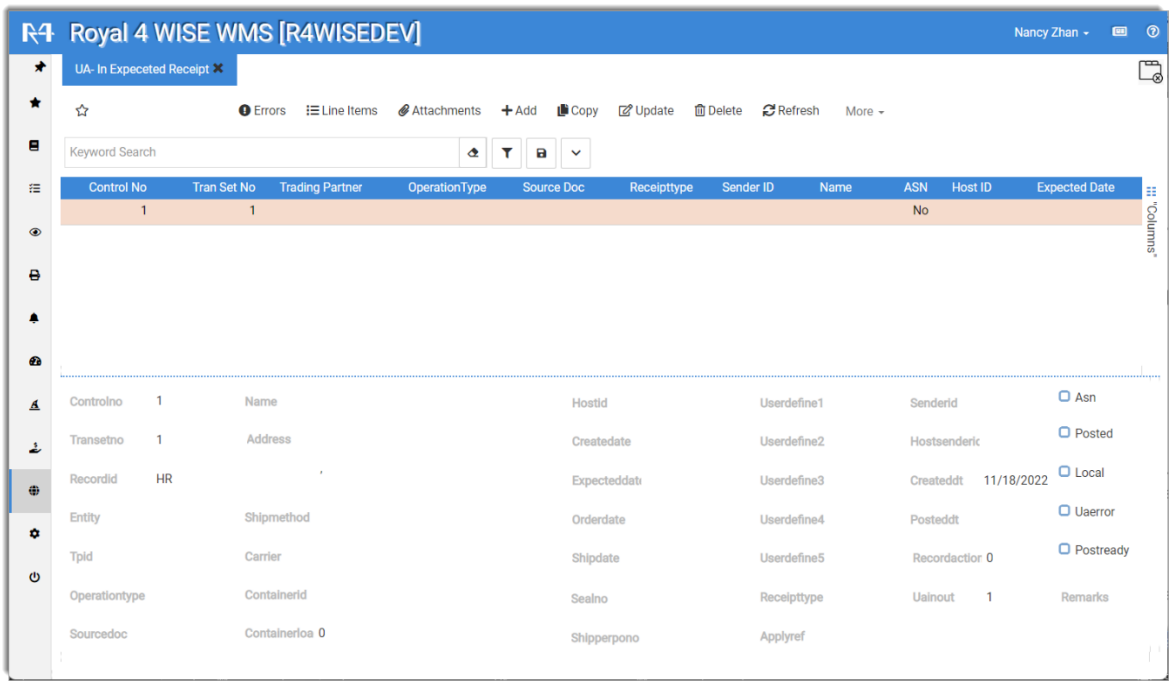
NOTE: Errors must be solved before the schedule can load the file.

Click *Back* to return to the UA – In Vendors main screen.



UA – In Expected Receipt

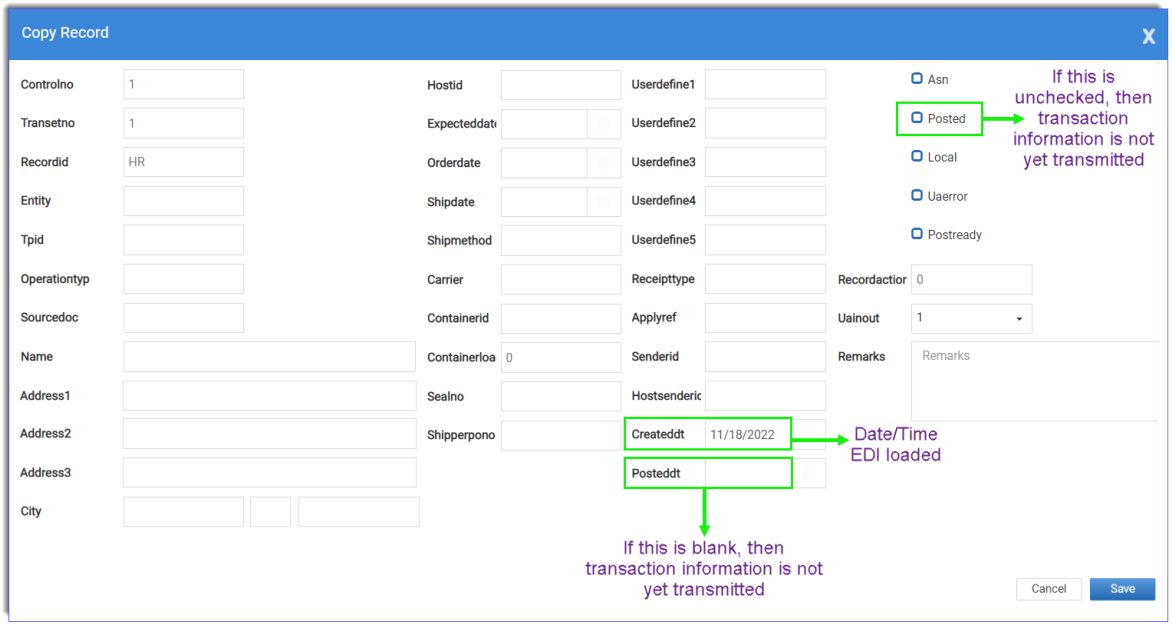
This function shows the staging information for inbound inventory transactions, like expected receipts. The screen displays the inbound inventory transactions data received from the host system that will be integrated with the *WISE* system.



Header Tab

This tab shows the expected receipt (ER) header information, it also displays information about when the data was received and when it is updated in the *WISE* system.

On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Controlno

This is a unique transaction sequence number set up by the system.

Transetno

This is a unique transaction sequence number set up by the system.

RecordId

The expected receipt header Identifier is displayed.

Entity

The entity (owner) code is displayed.

TpId

The trading partner identifier is displayed. This field is required.

Operationtype

The operation type is displayed; the options are PO, WO, RMA. It determines the sender lookup (PO=VendorID, RMA=CustomerID) and maps the applied reference to the relevant PO or RMA field. This field is required.

Sourcedoc

The source document is displayed; the options are Purchase Order/Work Order /RMA Reference. This field is required

Name

The vendor or customer's name is displayed.

Address 1, 2, 3

The address in which the vendor or customer is located is displayed.

City

The city in which the vendor or customer is located is displayed.

Hostid

The id for the host system is displayed.

Expecteddate

The warehouse expected date of arrival (ETA) is displayed. This field is mandatory.

Orderdate

The original PO or work order date is displayed.

Shipdate

The shipment date as indicated on the bill of lading is displayed.

Shipmethod

The shipping method: LCL, FCL, AF, MISC is displayed.

Carrier

The name of the carrier is displayed.

Containerid

The container ID as indicated on the bill of lading is displayed.

Containerload

The container size is displayed.

Sealno

The container seal number is displayed.

Shipperpono

The shipper's PO number is displayed.

Userdefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

Receipttype

The receipt type is displayed. These types must be agreed by the trading partners before processing. This field is required.

Applyref

The applied reference in relation to the above source document (RMA, WO, ref) is displayed.

Senderid

The vendor or customer code is displayed. This field is required.

Hostsenderid

The ID for the sender's host system is displayed.

Createddt

The creation date and time are displayed.

Posteddt

The posting date and time are displayed.

Asn

If this box is checked it means it is an ASN. Only Records with SSCC detail must have ASN.

Posted

If this box is checked it means the transmission has been posted.

Local

If this box is checked it means the PO is locally purchased, if it is not checked it means it is imported.

Uaerror

If this box is checked it means there has been an error in the transaction.

Postready

If this box is checked it means the transaction is ready to be posted.

Recordaction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

Uainout

This field shows whether the information is coming in or out of the system:

In = Coming into *WISE*.
Out = Out of *WISE*.

Remarks

Comments or remarks are displayed in this section.

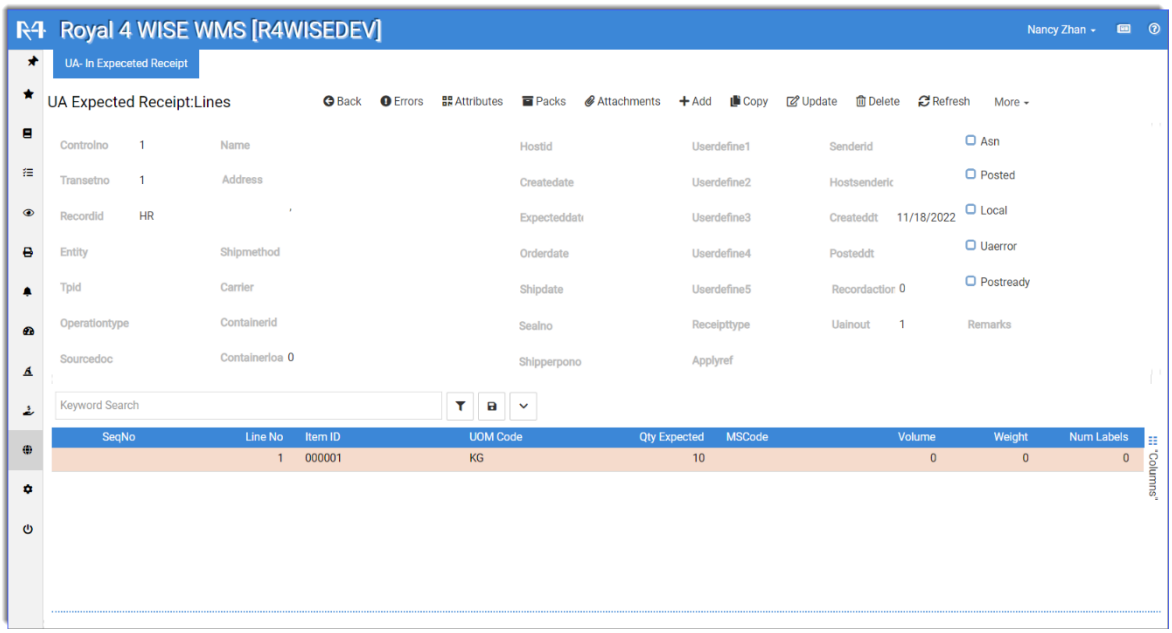
Line Items Tab

Access this tab by selecting *Line Items* on the UA – In Expected Receipt main screen.

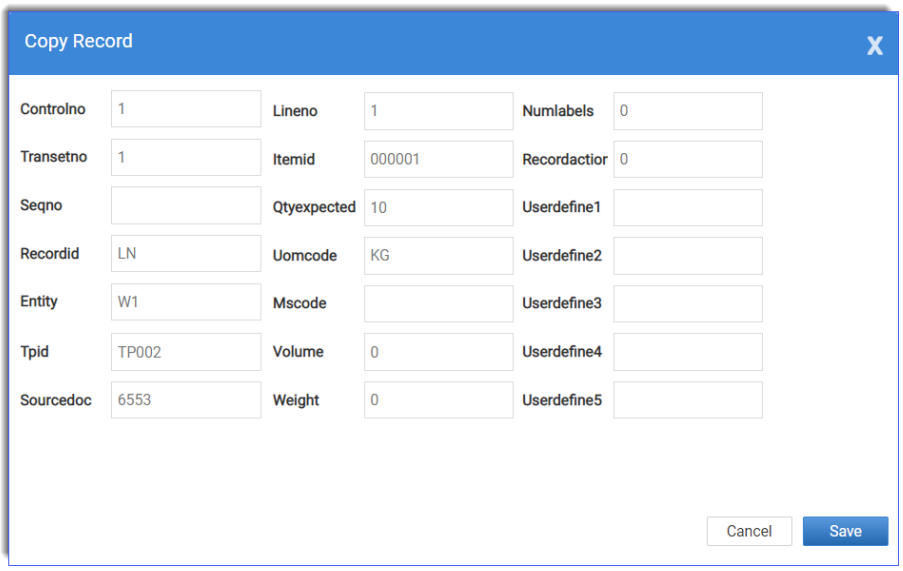
This tab contains all the line items assigned to an expected receipt and all the necessary information for the expected receipt line.

Select *Errors* to see the reasons for not loading the line items assigned to an expected receipt. These errors must be solved before the schedule can load the file.

Click *Back* to return to the UA – In Expected Receipt main screen.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Controlno

This is a unique transaction sequence number set up by the system.

Transetno

This is a unique transaction sequence number set up by the system.

Seqno

This is the sequence number.

Recordid

The expected receipt line identifier is displayed.

Entity

The owner (entity) code is displayed.

Tpid

The trading partner identifier is displayed. This field is required.

Sourcedoc

The source document is displayed, the options are Purchase Order/Work Order/RMA reference. This field is required.

Lineno

The line number is displayed. This field is mandatory.

Itemid

The stocking unit identifier is displayed. This field is required.

Qtyexpected

The total quantity expected is displayed. This field is required

Uomcode

The unit of measure code for the item is displayed. The UOM code must exist in the unit of measure master. Sample: EA=Each, UN=Unit, CS=Case. This is commonly defined between the trading partners. This field is required.

Mscode

Options: AVL, QA, HLD are displayed, (can be left blank).

Volume

This is the volume of a single item and it is calculated by the system using the formula “height x length x width”. Volume can be null if length, width and height are provided.

Weight

The weight of this item is displayed, this is a system measurement commonly defined between both trading parties.

Numlabels

The number of labels is displayed. It defaults to zero.

Recordaction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

UserDefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

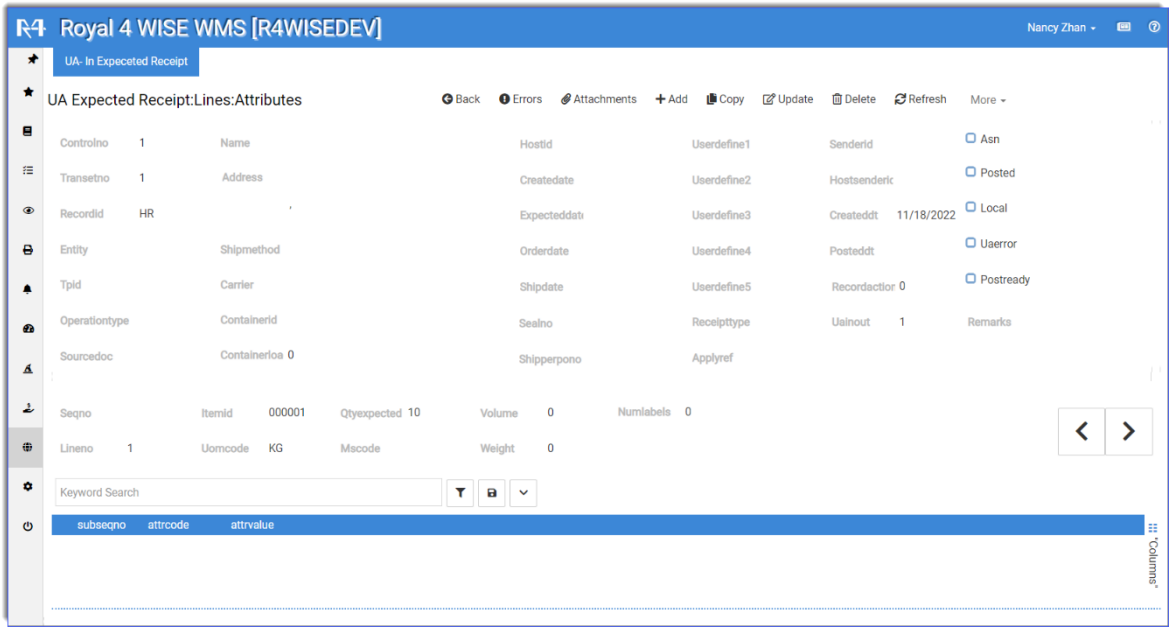
Line Attributes Tab

Access this tab by selecting *Attributes on the* Line Items tab screen.

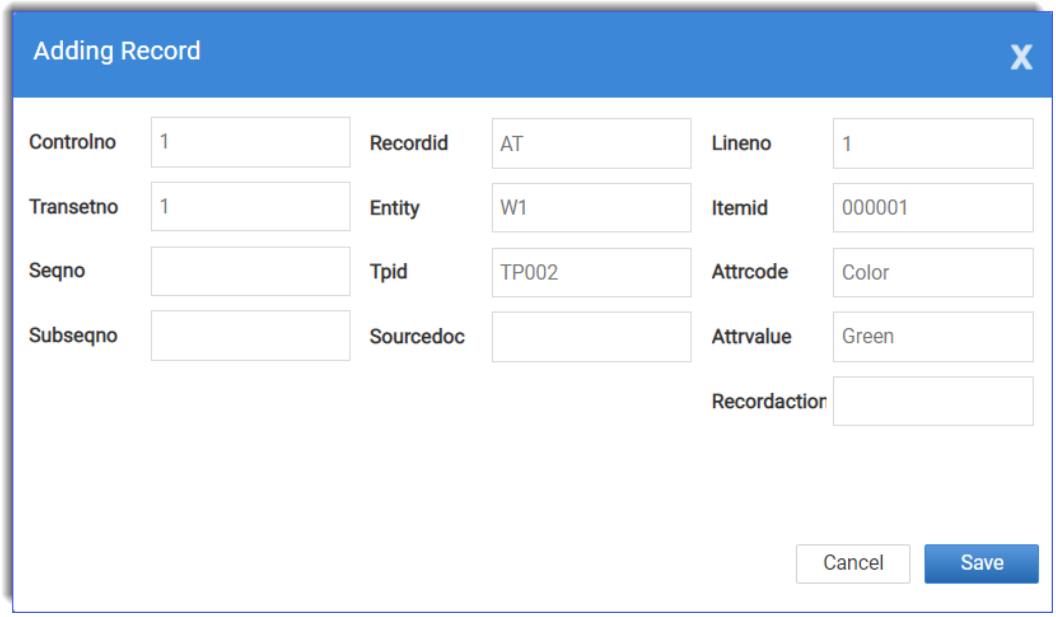
This tab lists the attributes for a line item assigned to an expected receipt.

Select *Errors* to see the reasons for not loading the attributes for a line item. These errors must be solved before the schedule can load the file.

Click *Back* to return to the Line Items tab.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Controlno

This is a unique transaction sequence number set up by the system.

Transetno

This is a unique transaction sequence number set up by the system.

Seqno

This is the sequence number.

Subseqno

This is the sub sequence number.

Recordid

The expected receipt line attribute identifier is displayed.

Entity

The owner (entity) code is displayed.

TpId

The trading partner identifier is displayed. This field is required.

Sourcedoc

The source document is displayed, options are Purchase Order/Work Order/ RMA reference. This field is required.

Lineno

The line number is displayed. This field is mandatory.

Itemid

The stocking unit identifier is displayed. This field is required.

Attrcode

The attribute code commonly defined between the trading partners is displayed, for example: PackType and/or HangerType. This field is mandatory.

Attrvalue

The attribute value commonly defined between the trading partners is displayed, for example: BAG and/or TGR15. This field is required.

Recordaction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

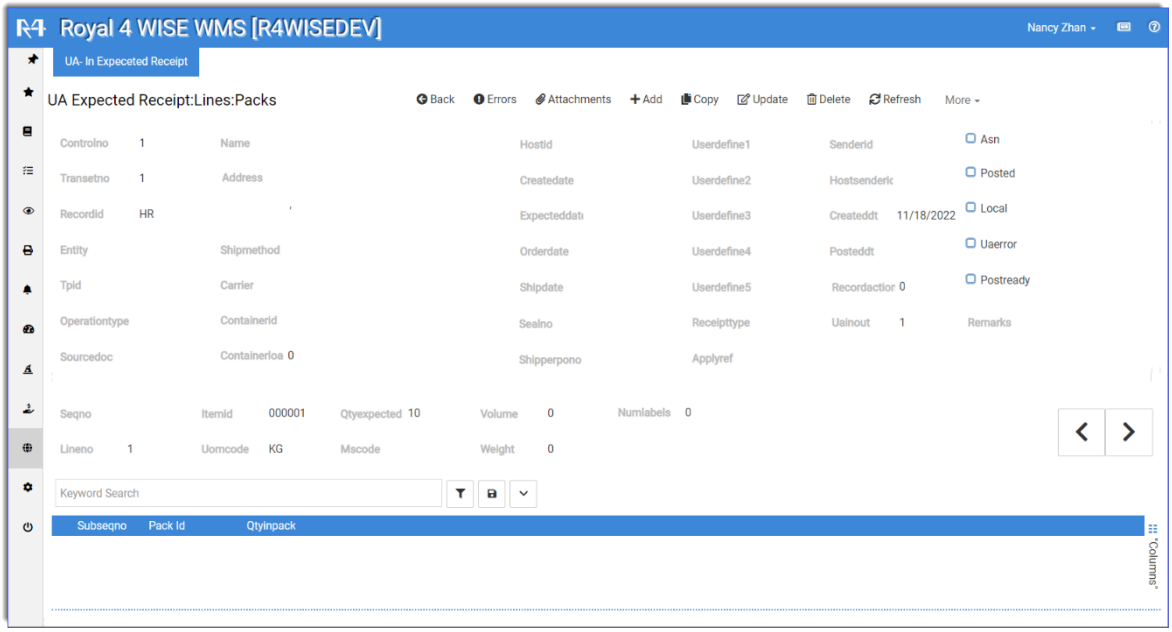
Line Packs Tab

Access this tab by selecting *Packs on the* Line Items tab screen.

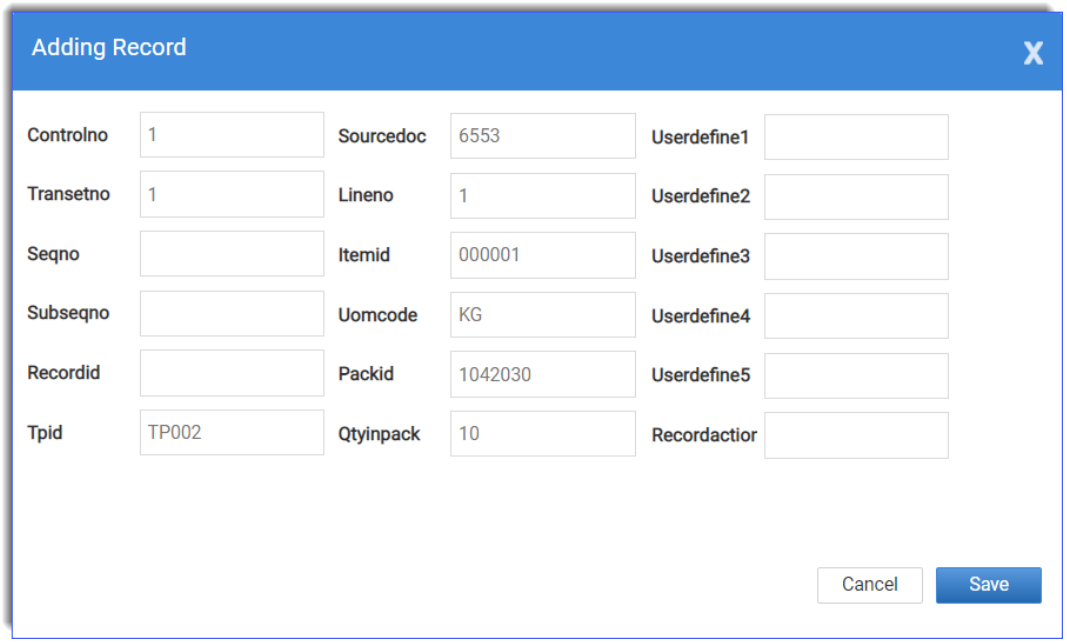
This tab lists the packs for a line item assigned to an expected receipt.

Select *Errors* to see the reasons for not loading the packs for a line item. These errors must be solved before the schedule can load the file.

Click *Back* to return to the Line Items tab.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Controlno

This is a unique transaction sequence number set up by the system.

Transetno

This is a unique transaction sequence number set up by the system.

Seqno

This is the sequence number.

Subseqno

This is the sub sequence number.

Recordid

The expected receipt carton detail identifier is displayed.

Tpid

The trading partner identifier is displayed. This field is required.

Sourcedoc

The source document is displayed, options are Purchase Order/Work Order/ RMA Reference. This field is required.

Lineno

The line number is displayed. This field is mandatory

Itemid

The stocking unit identifier is displayed. This field is required.

Uomcode

The unit of measure code for the item is displayed. The UOM code must exist in the unit of measure master. Sample: EA=Each, UN=Unit, CS=Case. This is commonly defined between the trading partners. This field is required.

Packid

The pack ID is displayed. This field is mandatory.

Qtyinpack

The total quantity in a case pack is displayed. This field is required.

Userdefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

Recordaction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

Errors Tab

Access this tab by selecting *Errors* on the UA – In Expected Receipt main screen.

This screen displays the errors of the selected file (the reasons for not loading), if any; mostly it is due to the master data not setup or invalid data comes in the EDI. Users may export the errors as an Excel file.

> **NOTE**: Errors must be solved before the schedule can load the file.

Click anywhere outside the Errors tab to return to the UA – In Expected Receipt main screen.

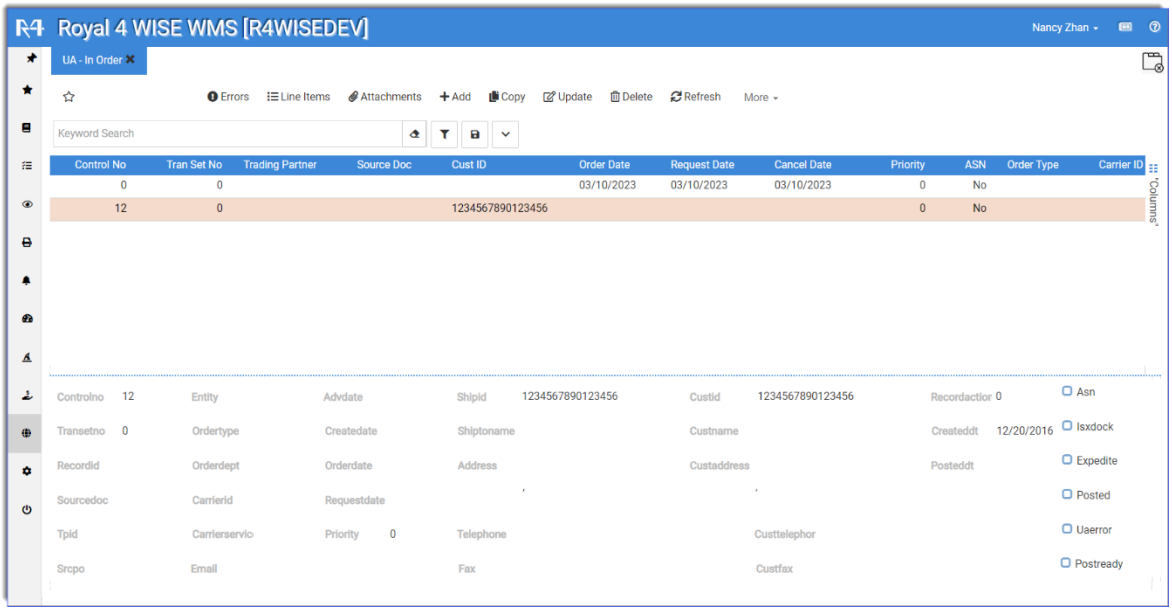


UA – In Order

Distribution Orders:

All outbound shipment orders no matter what format, if already setup under UA, will be converted to standard staging database. Users can view them in the UA – In Orders function.

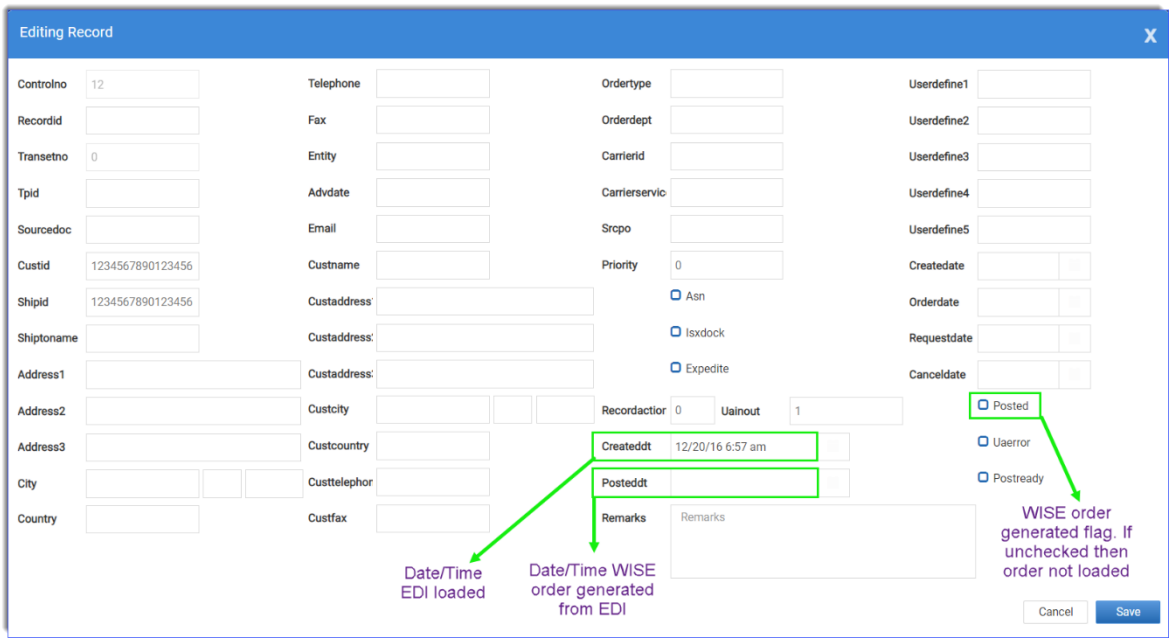
This screen will display all unposted EDI orders. This is the default display mode.



Header Tab

This screen shows the order header information, it also displays information about when the data was received and when it is updated in the *WISE* system.

On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Controlno

This is a unique transaction sequence number set up by the system.

Recordid

The distribution order header identifier is displayed. This field is required.

Transetno

This is a unique transaction sequence number set up by the system.

Tpid

The trading partner identifier is displayed. This field is required. This information is mapped to the internal customer ID account. This field is required.

Sourcedoc

The source document is displayed; options are Purchase Order/Work Order/ RMA reference. This field is required.

Custid

The unique customer ID from the master table is displayed. This field is mandatory. It is used to identify the For address.

Shipid

The Ship To customer ID is displayed. This field is mandatory. It is used for identifying the To address.

Shiptoname

The Ship To customer name in the exact format required for printing on quotes, sales orders, invoices and other documents is displayed.

Address 1 - 3

The address (up to three lines) in which the Ship To customer is located is displayed.

City

The city in which the Ship To customer is located is displayed.

State

The state in which the Ship To customer is located is displayed.

Postal Code

The zip code in which the Ship To customer is located is displayed.

Country

The country in which the Ship To customer is located is displayed. This field may be left blank if all customers are in the same country and no distinction need be made.

Telephone

The telephone number for the Ship To customer is displayed.

Fax

The fax number for the Ship To customer is displayed.

Entity

The owner's (entity) code is displayed.

Advdate

The advertised date for EDI order support is displayed.

Email

The email address for the Ship To customer is displayed.

Custname

The customer's name is displayed.

Custaddress 1 – 3

The address (up to three lines) in which the customer is located is displayed.

Custcity

The city in which the customer is located is displayed.

Custstate

The code for the state in which the customer is located is displayed.

Custpostalcode

The customer's zip code is displayed.

Custcountry

The country in which the customer is located is displayed.

Custtelephone

The customer's telephone number is displayed.

Custfax

The customer's fax number is displayed.

Ordertype

The order type is displayed.

Orderdept

The department is displayed. It is used for EDI order support.

Carrierid

This is the carrier code value (RT); it will be used to let *WISE* do carrier auto routing.

Carrierservice

CarrierService will not be mapped into *WISE*. Auto routing will be used in its place

Srcpo

The source PO number is displayed.

Priority

The priority number is displayed.

Asn

If this box is checked it means it is an ASN. Only Records with SSCC detail must have ASN.

Isxdock

If this box is checked it means it is a cross dock order.

Expedite

If this box is checked it means it is an expedite dock order.

UserDefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

Createdate

The creation date and time are displayed.

Orderdate

The original PO or work order date is displayed.

Requestdate

The order requisition date is displayed.

Canceldate

The order cancellation date is displayed.

Remarks

Remarks or additional information are displayed in this field.

Recordaction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

Uainout

It shows whether the information is coming in or out of the system:

In = Coming into *WISE*.
Out = Out of *WISE*.

Createddt

This is the timestamp the EDI got loaded.

Posteddt

This is the timestamp of the *WISE* order generation from EDI. If the Posted date is blank then the order did not get generated from EDI.

Posted

If the Posted date is blank then the order did not get generated from EDI, also the posted box will be unchecked if the *WISE* order did not get loaded.

Uaerror

If this box is checked it means there is an error.

Postready

If this box is checked it means the transaction is ready to be posted.

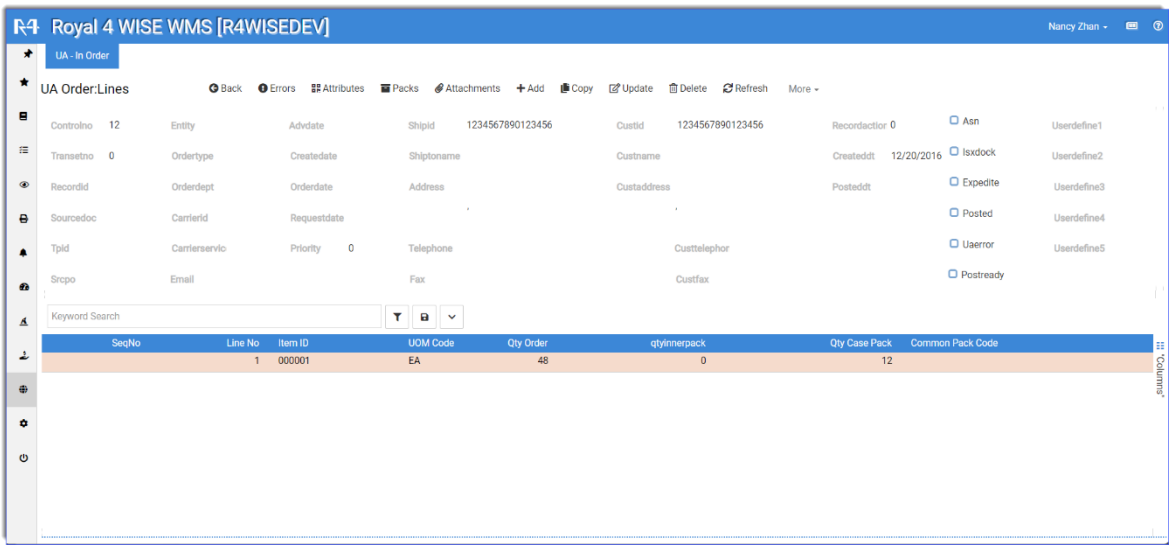
Line Items Tab

Access this tab by selecting *Line Items* on the UA – In Order main screen.

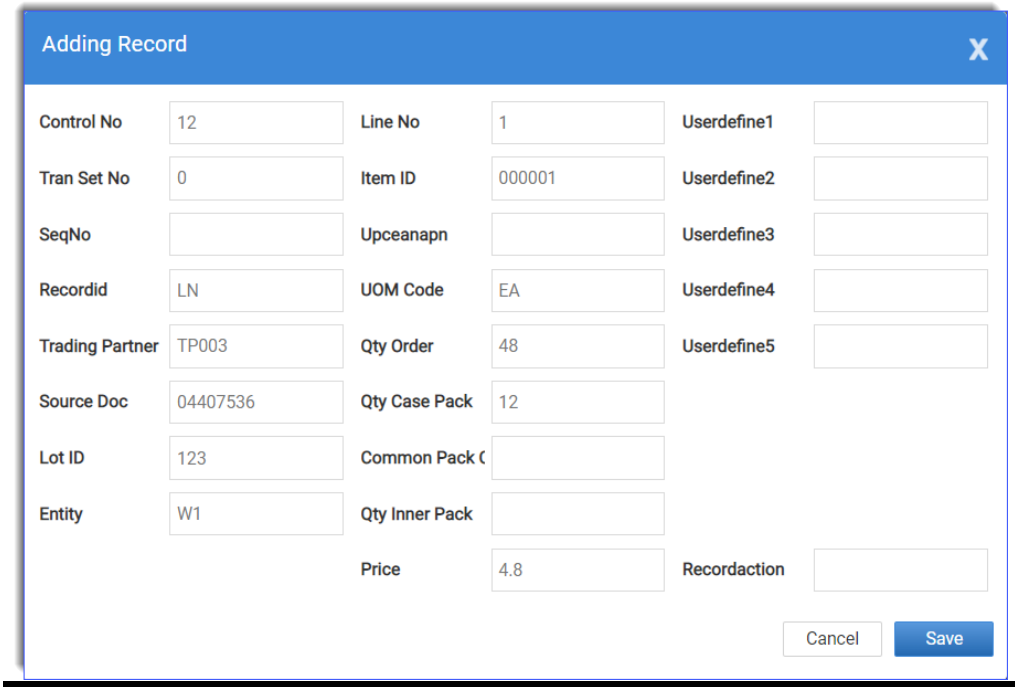
This tab contains all the line items assigned to an order and all the necessary information for the order line.

Select *Errors* to see the reasons for not loading line items assigned to an order. These errors must be solved before the schedule can load the file.

Click *Back* to return to the UA – In Order main screen.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Control No

This is a unique transaction sequence number set up by the system.

Tran Set No

This is a unique transaction sequence number set up by the system.

SeqNo

This is the sequence number.

Recordid

The distribution order line identifier is displayed. This field is mandatory

Trading Partner

The trading partner identifier is displayed. This field is required. This information is mapped to the internal customer ID account. This field is required.

Source Doc

The source document is displayed, the options are Purchase Order/Work Order/RMA reference. This field is required

Lot ID

List of requested lots to be shipped from is displayed. It defaults to blank.

Entity

The owner (entity) code is displayed.

Line No

The line number is displayed. This field is mandatory

Item ID

The stocking unit identifier is displayed. This field is required.

UPCEANAPN

The universal product code for this item is displayed.

UOM Code

The unit of measure code for the item is displayed. The UOM code must exist in the unit of measure master. Sample: EA=Each, UN=Unit, CS=Case. This is commonly defined between the trading partners. This field is required.

Qty Order

The total quantity for this order is displayed. This field is required

Qty Case Pack

Packing requirement in multiples of case pack. Ration packs must have value (1). It defaults to (0) when there are no requirements.

Common Pack Code

This is the free-form code to indicate inner packs sharing a case pack. It defaults to blank.

Qty Inner Pack

The number of UOM units in the Inner for packing requirements is displayed. Packing requirement in multiples of inner pack. It defaults to (0) when there are no requirements

Price

The retail list price for the item is displayed. This field may be left blank

UserDefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

Record Action

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

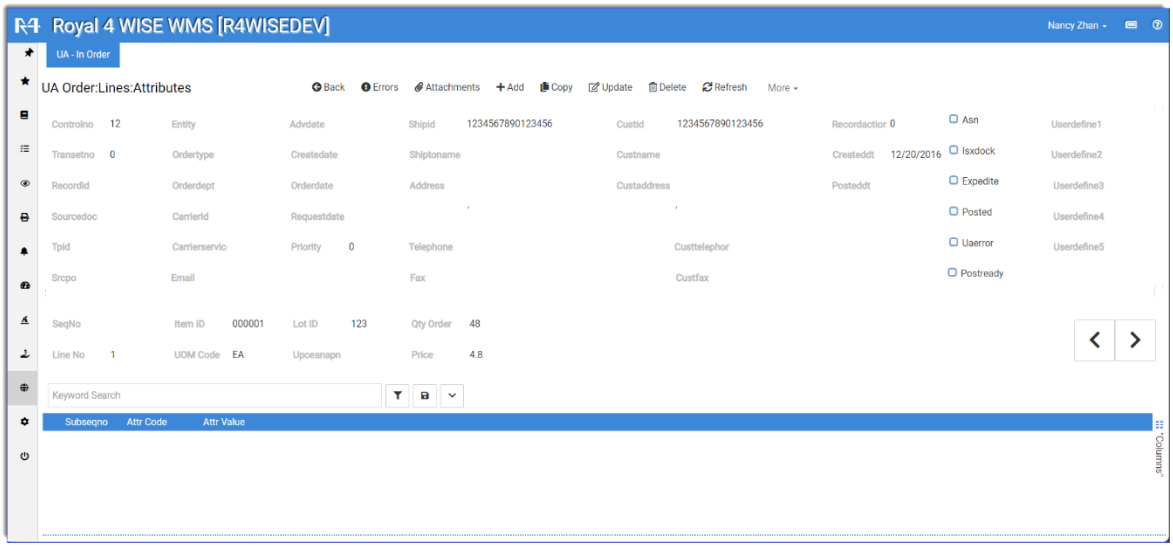
Line Attributes Tab

Access this tab by selecting *Attributes on the* Line Items tab screen.

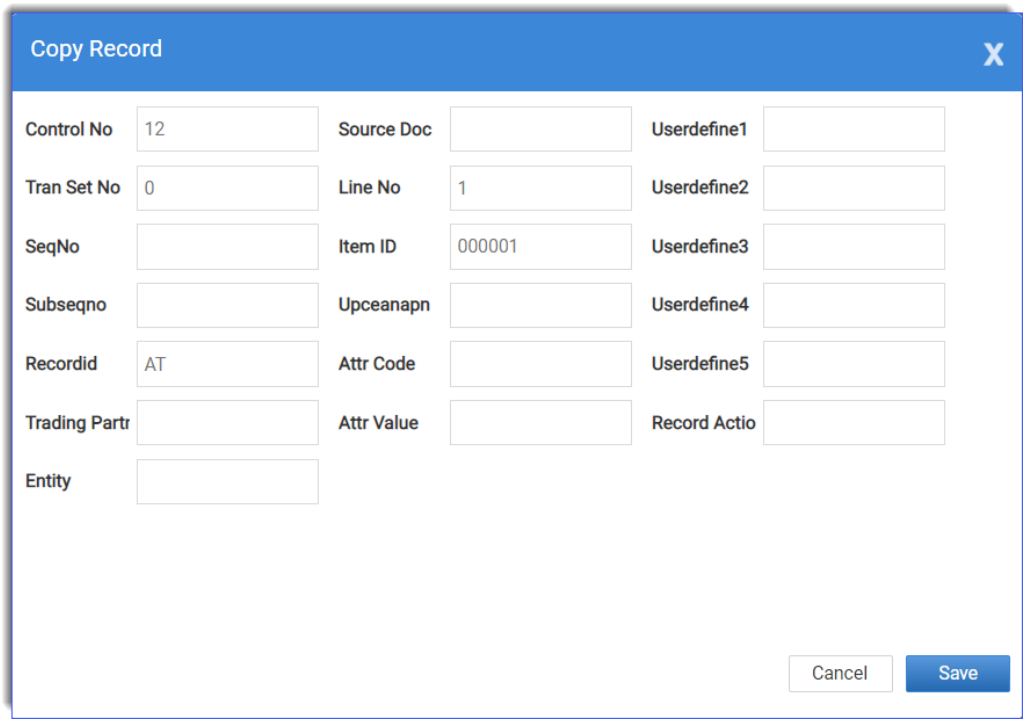
This tab lists the attributes for a line item assigned to an order.

Select *Errors* to see the reasons for not loading the attributes for a line item. These errors must be solved before the schedule can load the file.

Click *Back* to return to the Line Items tab.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

ControlNo

This is a unique transaction sequence number set up by the system.

Tran Set No

This is a unique transaction sequence number set up by the system.

SeqNo

This is the sequence number.

Subseqno

This is the sub sequence number.

Recordid

The distribution order line attribute identifier is displayed. This field is required

Trading Partner

The trading partner identifier is displayed. This field is required. This information is mapped to the internal customer ID account. This field is required.

Entity

The owner (entity) code is displayed.

SourceDoc

The source document is displayed, the options are Purchase Order/Work Order/RMA reference. This field is required.

Line No

The line number is displayed. This field is mandatory.

Item ID

The stocking unit identifier is displayed. This field is required.

UPCANAPN

The universal product code for this item is displayed.

Attr Code

The attribute code commonly defined between the trading partners is displayed, for example: color and/or size. This field is mandatory.

Attr Value

The attribute value is displayed, for example: red and/or small. This field is required.

UserDefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

RecordAction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

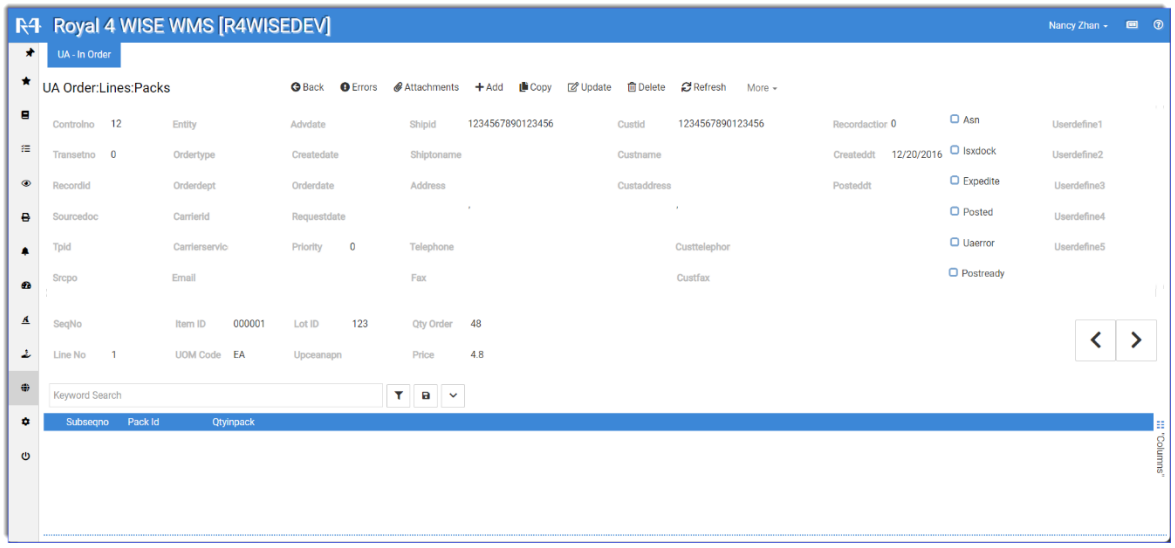
Line Packs Tab

Access this tab by selecting *Packs on the* Line Items tab screen.

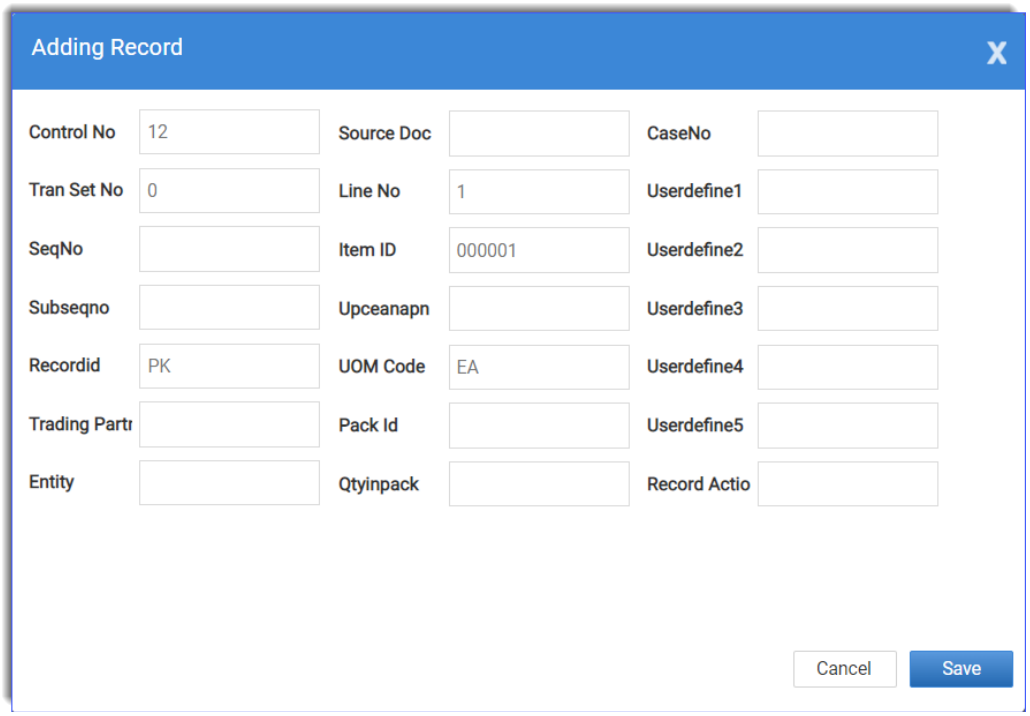
This tab lists the packs for a line item assigned to an order.

Select *Errors* to see the reasons for not loading the packs for a line item. These errors must be solved before the schedule can load the file.

Click *Back* to return to the Line Items tab.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Control No

This is a unique transaction sequence number set up by the system.

Tran Set No

This is a unique transaction sequence number set up by the system.

SeqNo

This is the sequence number.

Subseqno

This is the sub sequence number.

Recordid

The distribution order carton detail identifier is displayed. This field is required.

Trading Partner

The trading partner identifier is displayed. This field is required. This information is mapped to the internal customer ID account. This field is required.

Entity

The owner (entity) code is displayed.

Source Doc

The source document is displayed, the options are Purchase Order/Work Order/RMA reference. This field is required

Line No

The line number is displayed. This field is mandatory.

Item ID

The stocking unit identifier is displayed. This field is required.

UPCANAPN

The universal product code for this item is displayed.

UOM Code

The unit of measure code for the item is displayed. The UOM code must exist in the unit of measure master. Sample: EA=Each, UN=Unit, CS=Case. This is commonly defined between the trading partners. This field is required.

Pack Id

The pack ID is displayed. This field is mandatory

Qtyinpack

The total quantity In a case pack is displayed. This field is required

CaseNo

The case identification number is displayed.

UserDefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

Record Action

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

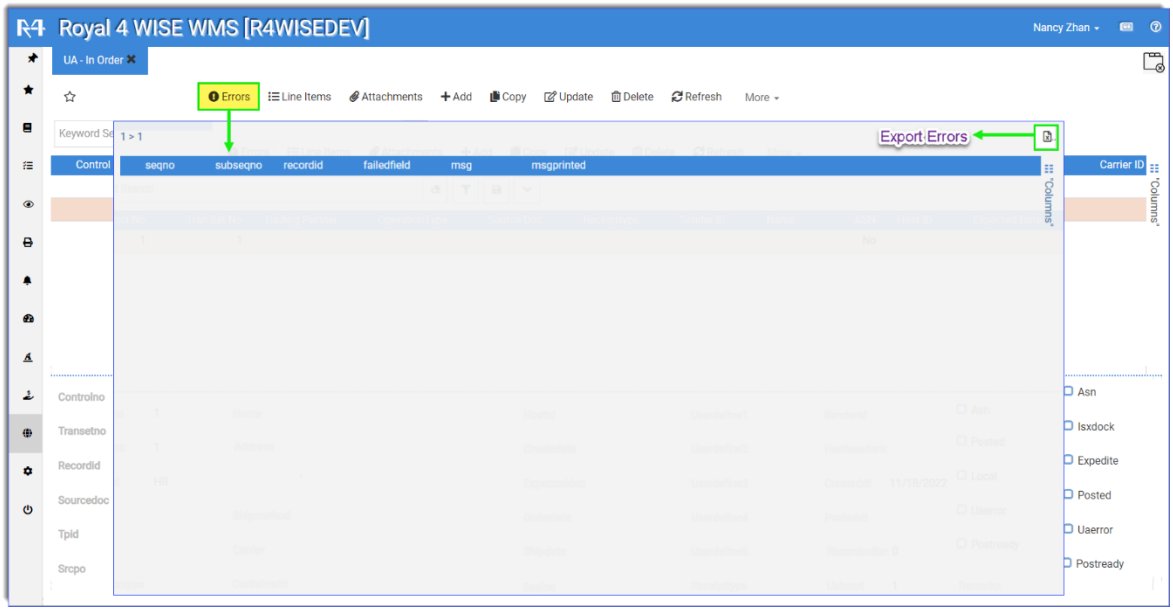
Errors Tab

Access this tab by selecting *Errors* on the UA – In Order main screen.

This screen displays the errors of the selected file (the reasons for not loading), if any; mostly it is due to the master data not setup or invalid data comes in the EDI. Users may export the errors as an Excel file.

> **NOTE**: Errors must be solved before the schedule can load the file.

Click anywhere outside the Errors tab to return to the UA – In Order main screen.



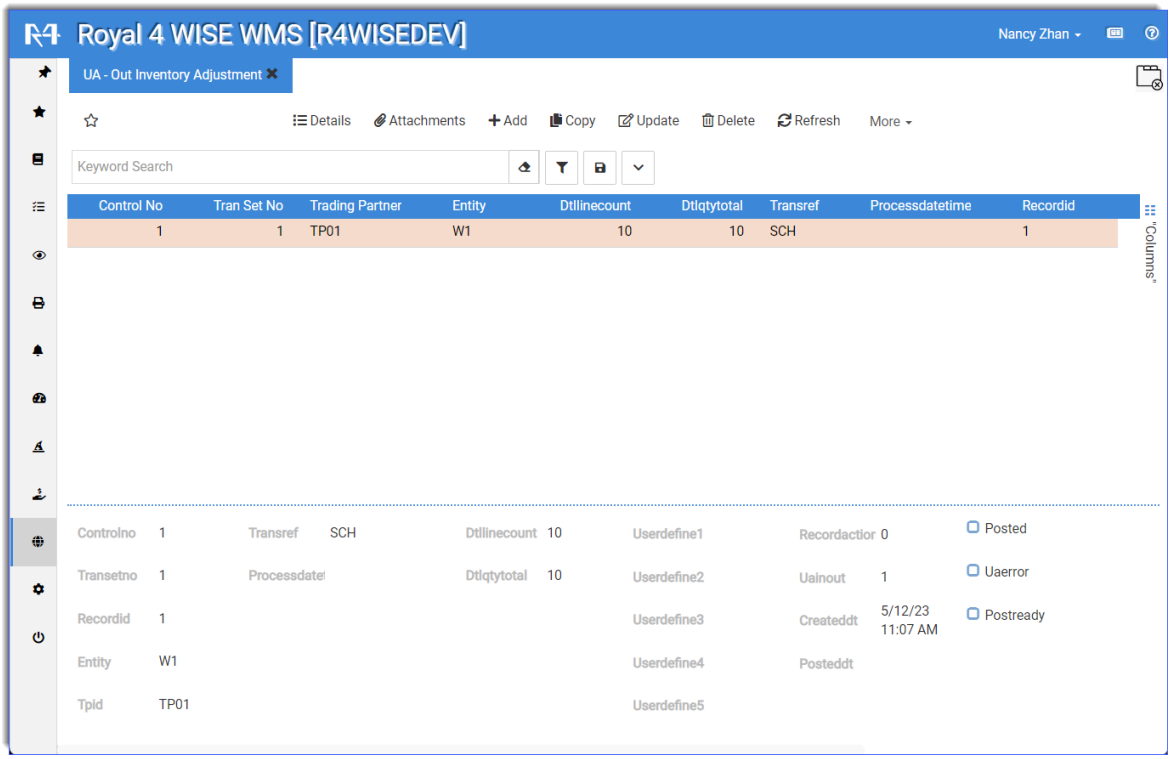
FIXING *WISE* ORDER LOAD ERRORS:

Depending on the error, the issues need to be addressed accordingly by reviewing the error message. If the error is about item ID missing, then the item needs to be setup. If the carrier is missing, then the carrier needs to be setup.

Once the master data is setup or updated, the scheduled process that runs every few minutes will check the unposted orders and will post them automatically if there is valid data during that time. This process will retry every few minutes until the data is corrected.

UA – Out Inventory Adjustment

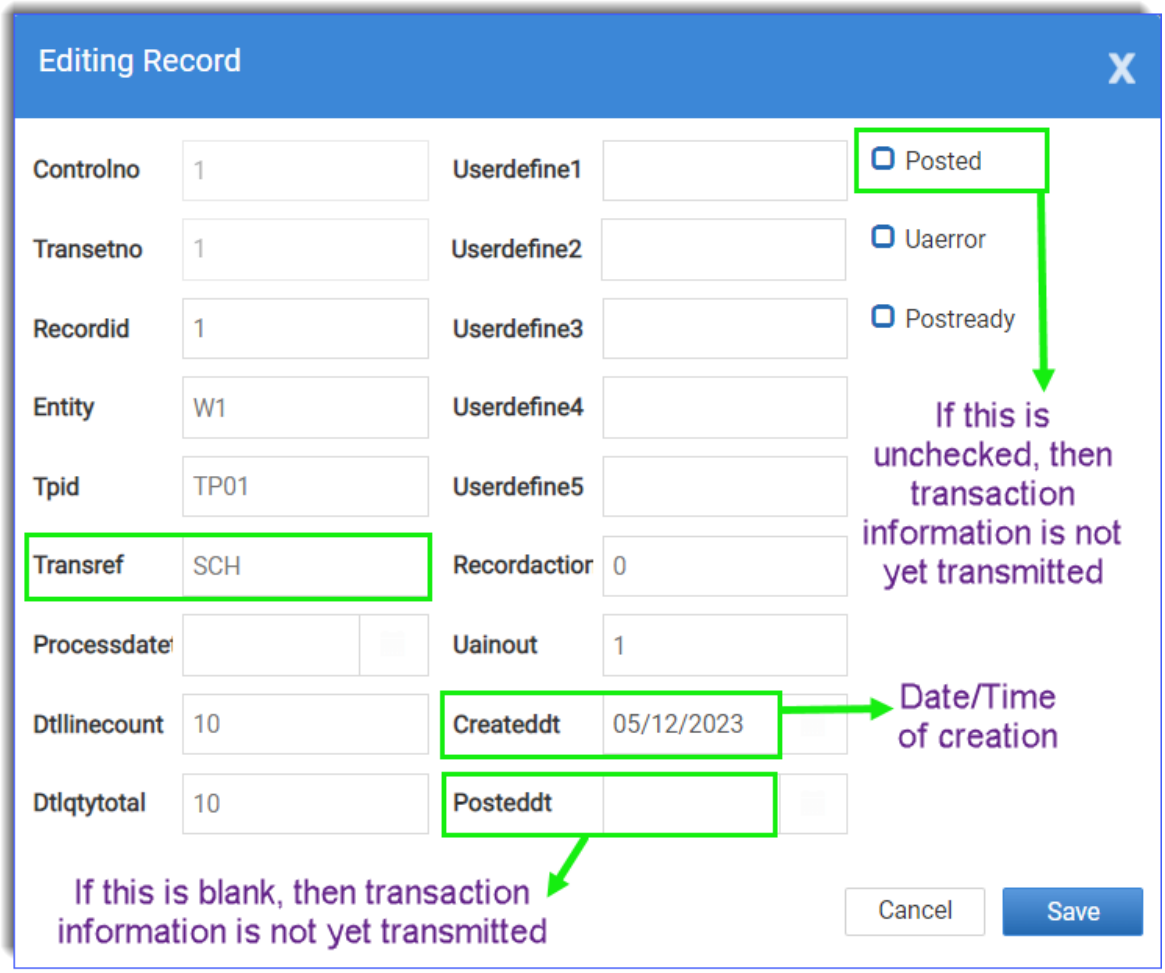
This function displays the inventory adjustments or inventory count transactions. This screen displays all unposted EDI inventory adjustments or inventory count transactions. This is the default display mode.



Header Tab

This screen displays the inventory adjustments or inventory count header information. It also displays information about when the data was received and when it is updated in the *WISE* system.

On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Controlno

This is a unique transaction sequence number set up by the system.

Transetno

This is a unique transaction sequence number set up by the system.

Recordid

The inventory adjustment detail record is displayed. This field is required.

Entity

The owner (entity) code is displayed.

Tpid

The trading partner identifier is displayed. This field is required.

TransRef

The reference SOH (Stock On Hand) is displayed.

Processdatetime

The date and time of processing are displayed.

Dtlinecount

The quantity of lines in detail segment is displayed.

Dtqtytotal

This displays the total quantity for all the lines under the header.

Userdefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

Recordaction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

UAInOut

It shows whether the information is coming in or out of the system:

In = Coming into *WISE*.
Out = Out of *WISE*.

Createddt

This indicates the date and time the inventory adjustment information is generated.

Posteddt

This indicates the date and time the inventory adjustment information was sent to the customer.

Posted

If this box is checked it means the inventory adjustment information has been sent to the customer.

Uaerror

If this box is checked it means there is an error.

Postready

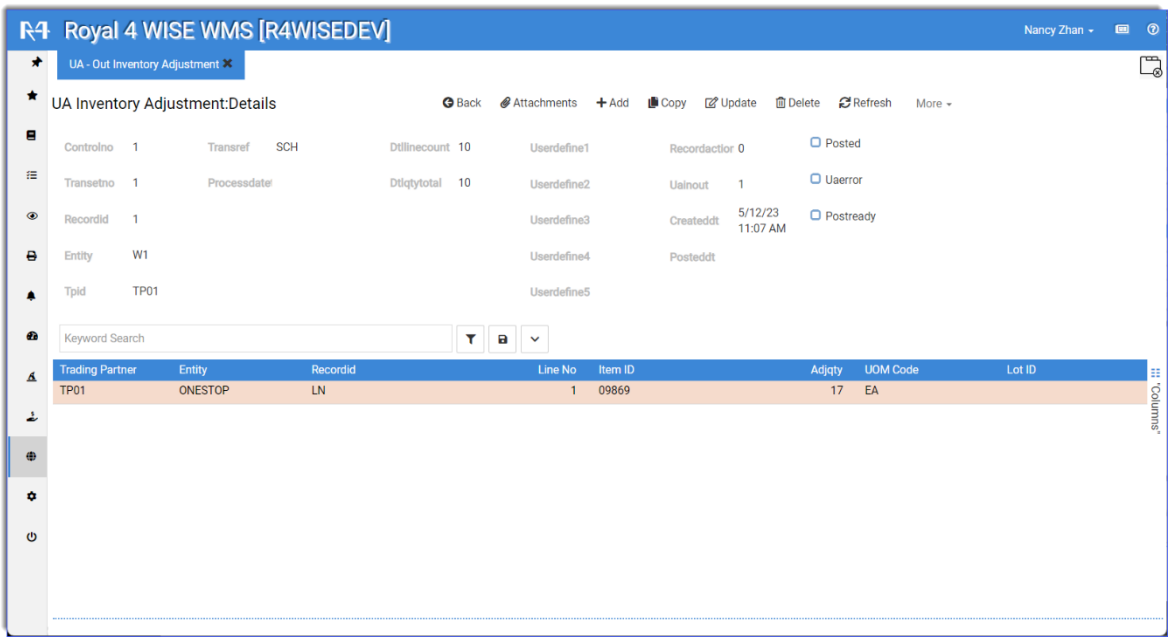
If this box is checked it means the transaction is ready to be posted.

Detail Tab

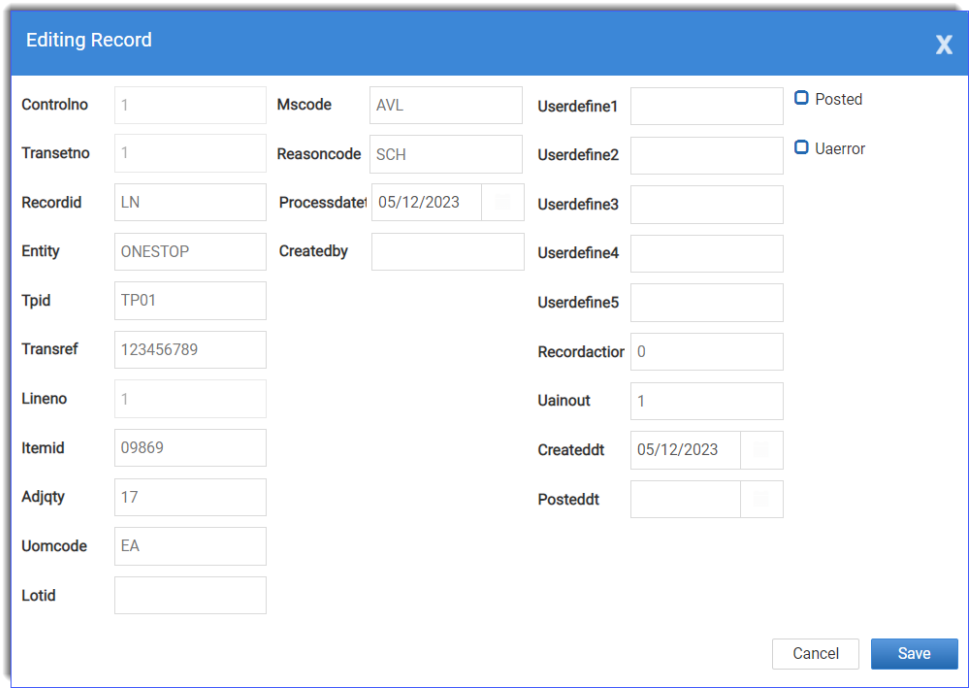
Access this tab by selecting *Details* on the UA – Out Inventory Adjustments main screen.

This tab displays the inventory adjustment/count transaction of each item .

Click *Back* to return to the UA – Out Inventory Adjustments main screen.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Controlno

This is a unique transaction sequence number set up by the system.

Transetno

This is a unique transaction sequence number set up by the system.

Recordid

The inventory adjustment detail record is displayed. This field is required.

Entity

The owner (entity) code is displayed.

Tpid

The trading partner identifier is displayed. This field is required.

Transref

The transaction reference is displayed. This field is required.

Lineno

The line sequence number is displayed.

Itemid

The stocking unit identifier is displayed. This field is required.

Adjqty

The adjusted quantity in the system is displayed.

Uomcode

The unit of measure code for the item is displayed. The UOM code must exist in the unit of measure master. Sample: EA=Each, UN=Unit, CS=Case. This is commonly defined between the trading partners. This field is required.

Lotid

The list of requested lots to be shipped from is displayed.

Mscode

The MS code is displayed. The options are: AVL, QA, HLD. It can be left blank.

Reasoncode

The reason code is displayed, for example SOH, ADJ (xx, yy, zz)

Processdatetime

The date and time of processing are displayed.

Createdby

The creator's user id or name are displayed.

Userdefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

Recordaction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

Uainout

It shows whether the information is coming in or out of the system:

In = Coming into *WISE*.
Out = Out of *WISE*.

Createddt

The creation date and time are displayed.

Posteddt

The posting date and time are displayed.

Posted

If this box is checked it means the transmission has been posted.

Uaerror

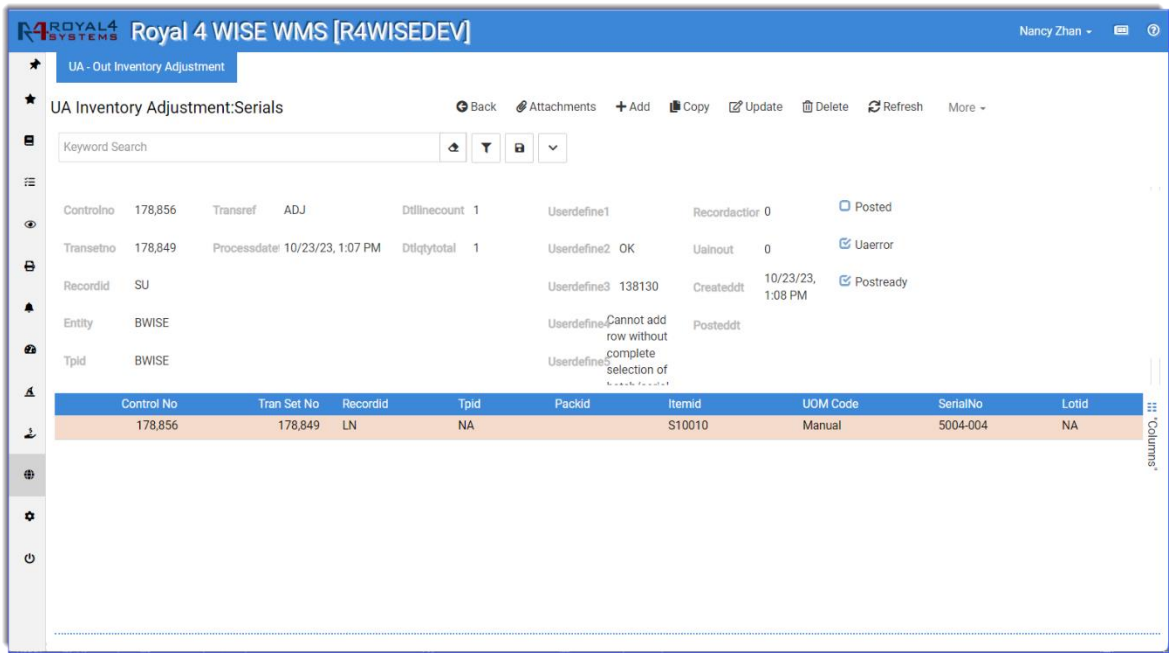
If this box is checked it means there has been an error in the transmission.

Serials Tab

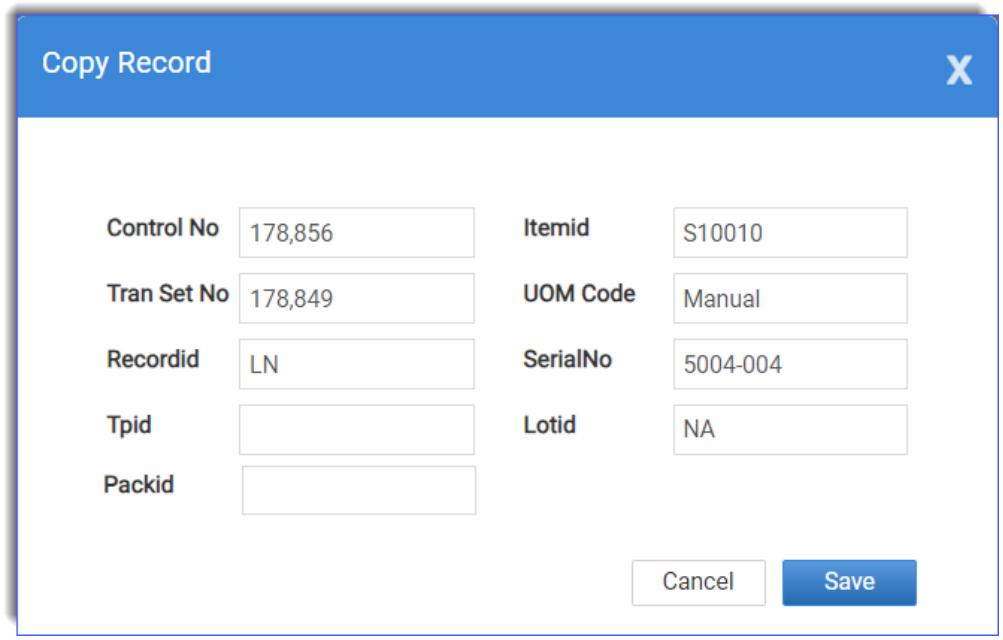
Access this tab by selecting *Serials on the* UA – Out Inventory Adjustment main screen.

If the selected transaction is setup to have the serial numbers tracked, this tab will display the serial information related to the selected item.

Click *Back* to return to the UA – Out Inventory Adjustment main screen.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

ControlNo

This is a unique transaction sequence number set up by the system.

TranSetNo

This is a unique transaction sequence number set up by the system.

Recordid

The expected receipt carton detail identifier is displayed. This field is required

Tpid

The trading partner identifier is displayed. This field is required.

Packid

The pack ID is displayed. This field is mandatory.

Itemid

The stocking unit identifier is displayed. This field is required.

UOMcode

The unit of measure code for the item is displayed. The UOM code must exist in the unit of measure master. Sample: EA=Each, UN=Unit, CS=Case. This is commonly defined between the trading partners. This field is required.

SerialNo

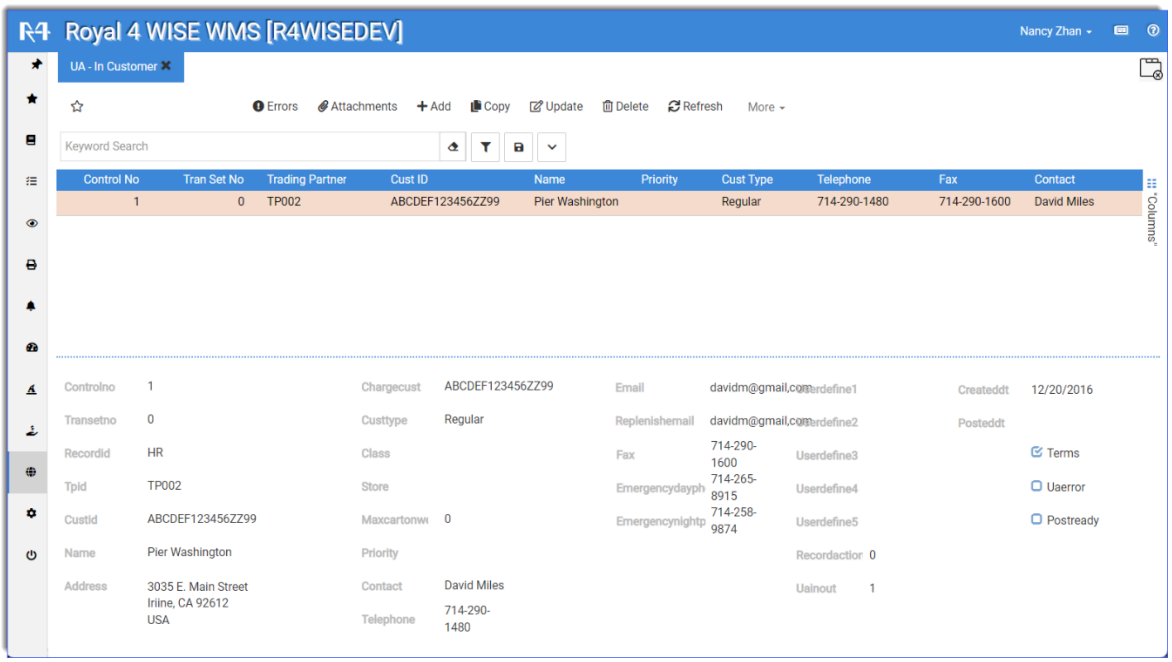
The serial number is displayed.

Lotid

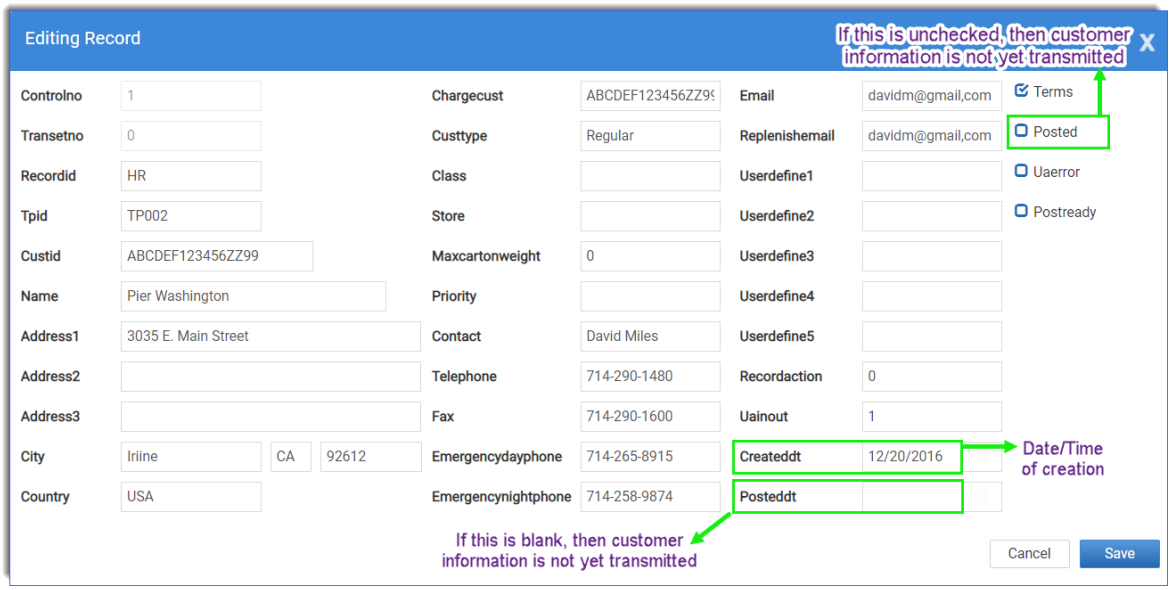
The lot ID is displayed. This field is mandatory.

UA – In Customer

This function shows the staging information for the customer master. The screen displays the customer master data received from the host system that will be integrated with the *WISE* system.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Controlno

This is a unique transaction sequence number set up by the system.

Transetno

This is a unique transaction sequence number set up by the system.

Recordid

The item master record identifier is displayed.

Tpid

The trading partner identifier is displayed. This information is mapped to the internal customer ID account. This field is required.

Custid

The unique customer ID from the master table is displayed. This field is mandatory.

Name

The customer's name is displayed. This field is required.

Address 1, 2, 3

The address (up to three lines) in which the customer is located is displayed. This field is required.

City

The city in which the customer is located is displayed. This field is required.

State

The code for the state in which the customer is located is displayed. This field is required.

Zip Code

The customer's zip code is displayed. This field is required.

Country

The country in which the customer is located is displayed. This field is required.

Chargecust

The number of the customer who will be charged (Billed to) is displayed. This information should exist in the Customer Master. This field is mandatory.

Custtype

The type of customer is displayed. The available options are Regular, Corporate or Branch.

Store

The customer's internal store number is displayed. This is used for EDI compliance

Maxcartonweight

The maximum weight per carton is displayed.

Contact

The customer’s contact name is displayed.

Telephone

The customer’s telephone number is displayed.

Fax

The customer’s fax number is displayed.

Emergencydayphone

The customer’s emergency day telephone number is displayed (contact person for hazardous material).

Emergencynightphone

The customer’s emergency night telephone number is displayed (contact person for hazardous material).

E-mail

The customer’s email address is displayed.

Replenishemail

The customer’s email address to be used for replenishment is displayed.

Userdefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

Recordaction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

Uainout

It shows whether the information is coming in or out of the system:

In = Coming into *WISE*.
Out = Out of *WISE*.

Createddt

The creation date and time are displayed.

Posteddt

The posting date and time are displayed.

Terms

If this box is checked it means the customer is prepaid, otherwise it is collect.

Posted

If this box is checked it means the transmission has been posted.

Uaerror

If this box is checked it means there has been an error with the transmission.

Postready

If this box is checked it means the transaction is ready to be posted.

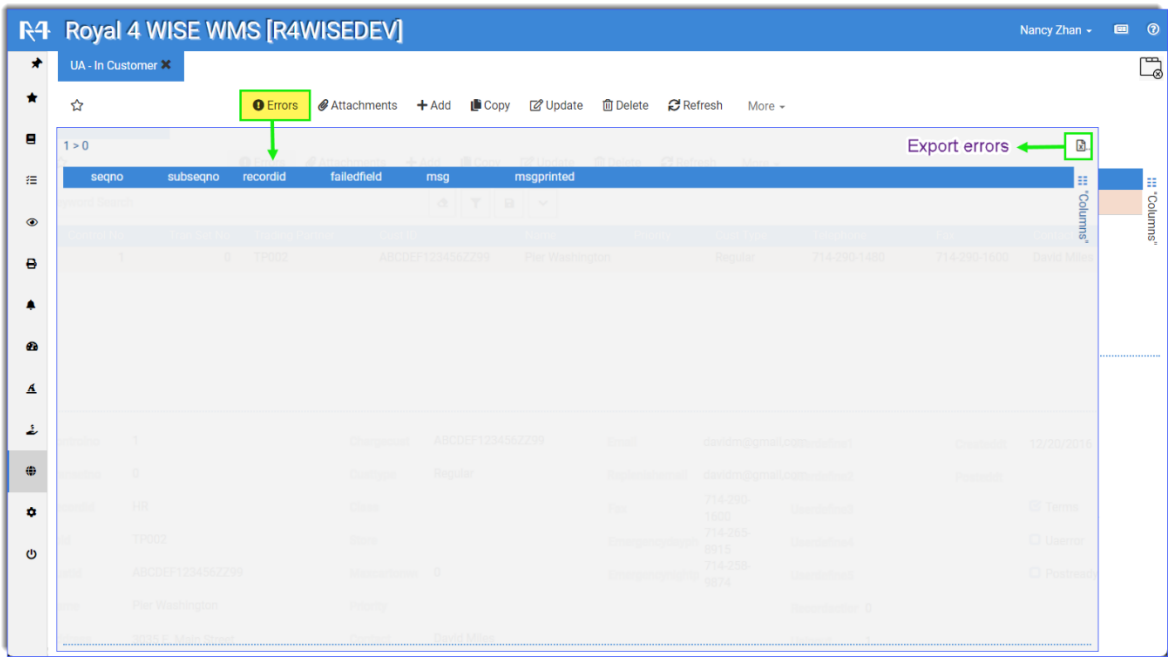
Errors Tab

Access this tab by selecting *Errors* on the UA – In Customer main screen.

This screen displays the errors of the selected file (the reasons for not loading), if any; mostly it is due to the master data not setup or invalid data comes in the EDI. Users may export the errors as an Excel file.

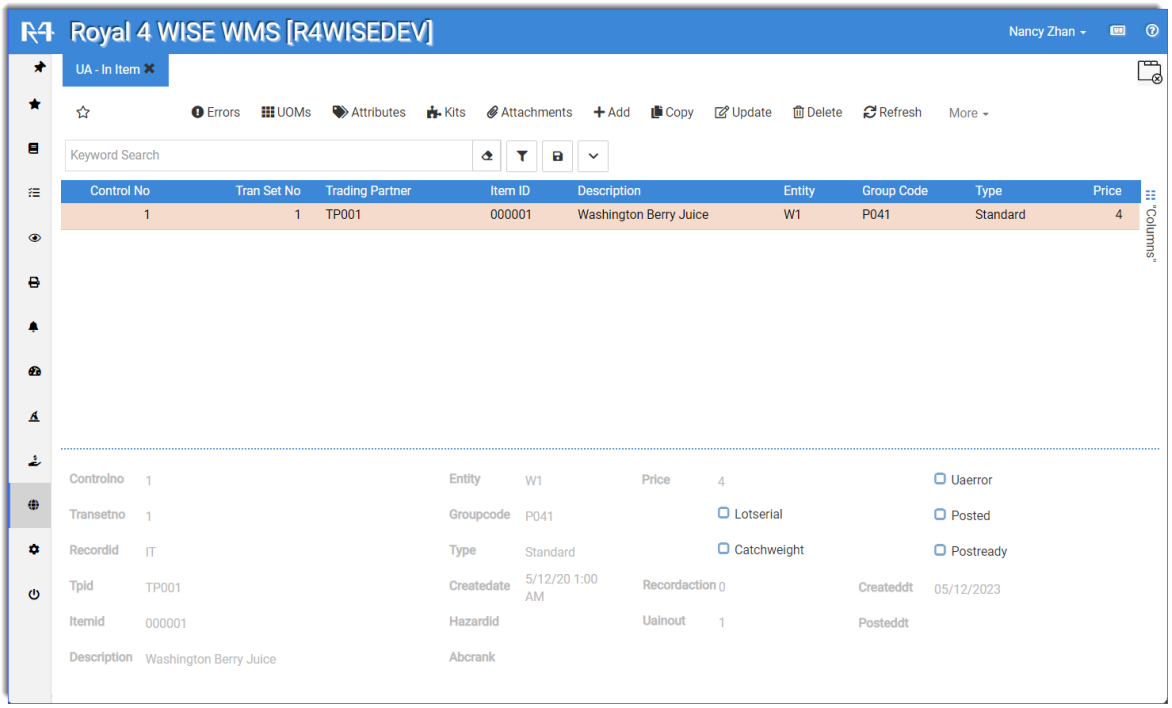
NOTE: Errors must be solved before the schedule can load the file.

Click anywhere outside the Errors tab to return to the UA – In Customer main screen.



UA – In Item

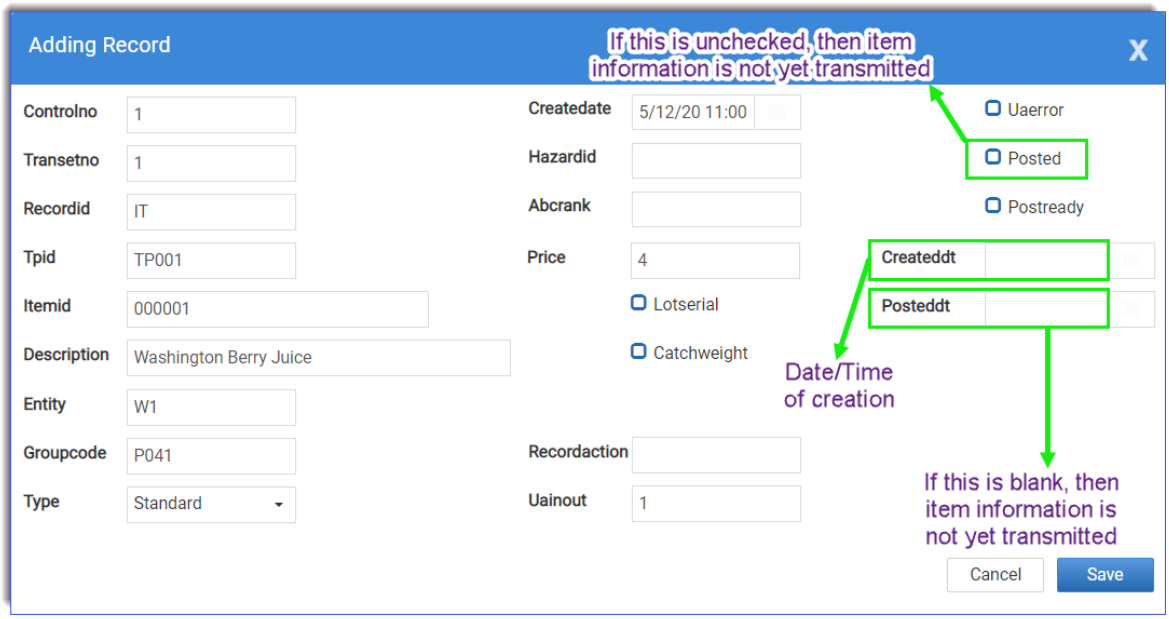
This function shows the staging information for the item master. The screen displays the item master data received from the host system that will be integrated with the *WISE* system.



Header Tab

This tab displays the item header information. It also displays information about when the data was received and when it is updated in the *WISE* system.

On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Controlno

This is a unique transaction sequence number set up by the system.

Transetno

This is a unique transaction sequence number set up by the system.

Recordid

The item master record identifier is displayed.

Tpid

The trading partner identifier is displayed. This field is required.

Itemid

The stocking unit identifier is displayed. This field is required.

Description

The description of the item is displayed. This field is required.

Entity

The owner (entity) code is displayed.

Groupcode

The group code when required for the item is displayed. This field may be left blank.

Type

The type of item is displayed. The default is standard. For kit is Kit. When kit, the ID records must be provided.

Createdate

The creation date in a format MM/DD/YYYY is displayed.

Hazardid

The hazard Id (when required for the item) is displayed. This field may be left blank.

Abcrank

This is the cycle count ABC product classification.

Price

The MSRP (Manufactured Suggested Retail Price) for the item is displayed. This field may be left blank.

Lot/Serial

Accept the default “No” to omit displaying serial and lot number information, or mark this box to display these.

Catchweight

Accept the default “No” to omit displaying catch and weight information, or mark this box to display these.

Recordaction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

Uainout

It shows whether the information is coming in or out of the system:

In = Coming into Wise.
Out = Out of Wise.

Uaerror

If this box is checked it means there has been an error in the transaction.

Posted

If this box is checked it means the transaction has been posted.

Postready

If this box is checked it means the transaction is ready to be posted.

Createddt

The creation date and time of the transaction are displayed.

Posteddt

The posting date and time of the transaction are displayed.

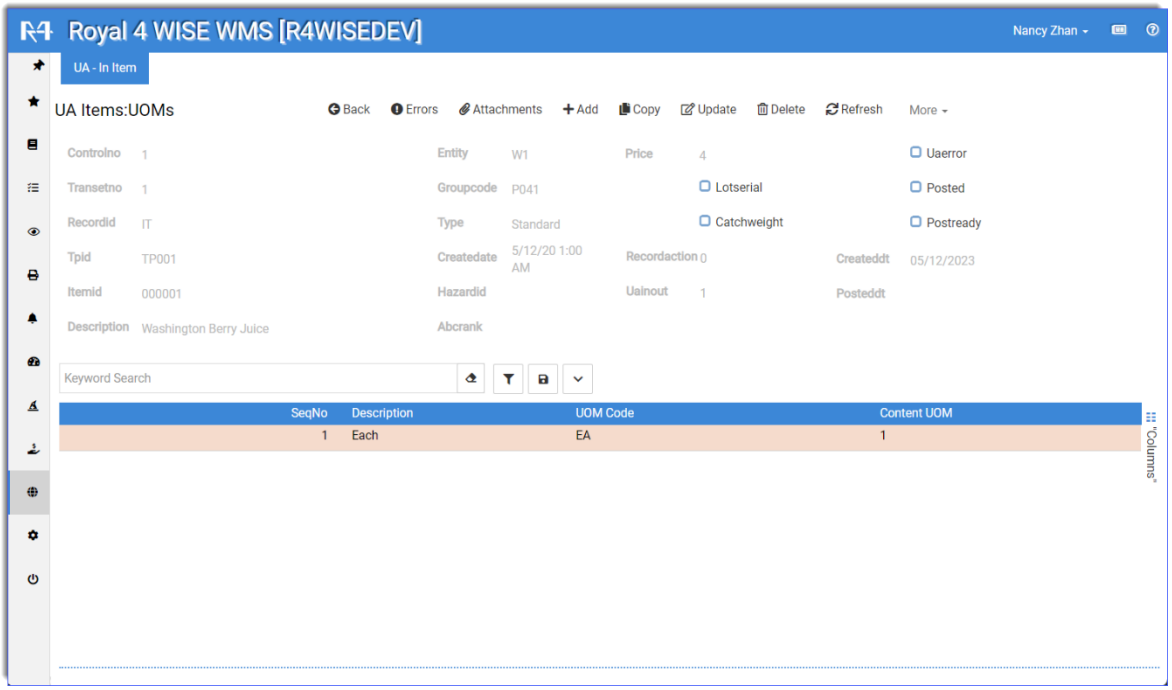
UOMs Tab

Access this tab by selecting *UOMs* on the UA – In Item main screen.

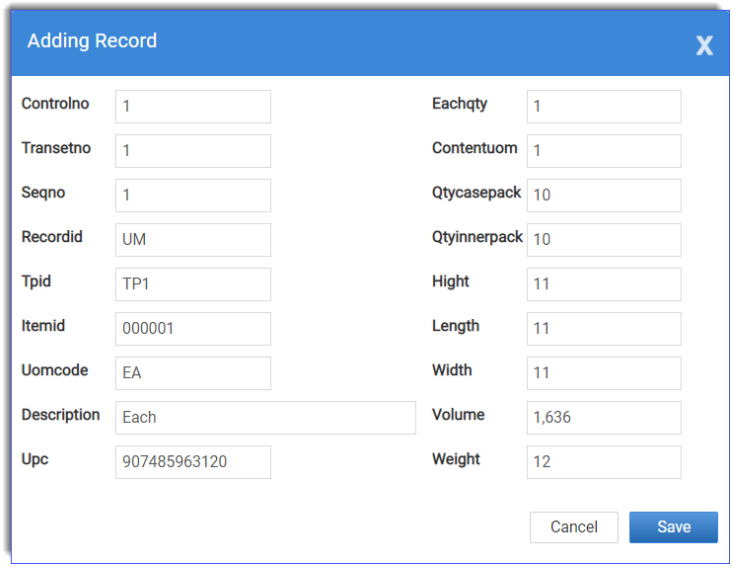
This tab displays information about the item's units of measure.

Select *Errors* to see the reasons for not loading the item's units of measure. These errors must be solved before the schedule can load the file.

Click *Back* to return to the UA – In Item main screen.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Controlno

This is a unique transaction sequence number set up by the system.

Transetno

This is a unique transaction sequence number set up by the system.

Seqno

This is the sequence number.

Recordid

The unit of measure record identifier is displayed. This field is required.

Tpid

The trading partner identifier is displayed. This field is required.

Itemid

The stocking unit identifier is displayed. This field is required.

Uomcode

The unit of measure code for the item is displayed. The UOM code must exist in the unit of measure master. Sample: EA=Each, UN=Unit, CS=Case. This is commonly defined between the trading partners. This field is required.

Description

The description of the UOM (each, unit, case, etc.) is displayed. This field is required.

Upc

The universal product code for this item is displayed.

Eachqty

The total lowest UOM quantity represented by this UOM code is displayed. This field is required.

Contentuom

It must have a valid UOM code to which it can convert. If it cannot be broken, then assign the same as the current UOM Code. In this case EachQty=1. This field is required.

Qtycasepack

The number of UOM units to be repacked by is displayed.

Qtyinnerpack

The number of UOM units in the inner for packing requirements is displayed.

Height

The height of this item is displayed. This field may be left blank.

Length

The length for this item is displayed. This field may be left blank.

Width

The width of this item is displayed. This field may be left blank.

Volume

This is the volume of a single item and it is calculated by the system using the formula *height x length x width*. Volume can be null if length, width and height are provided.

Weight

The weight of this item is displayed; this is a system measurement commonly defined between both trading parties.

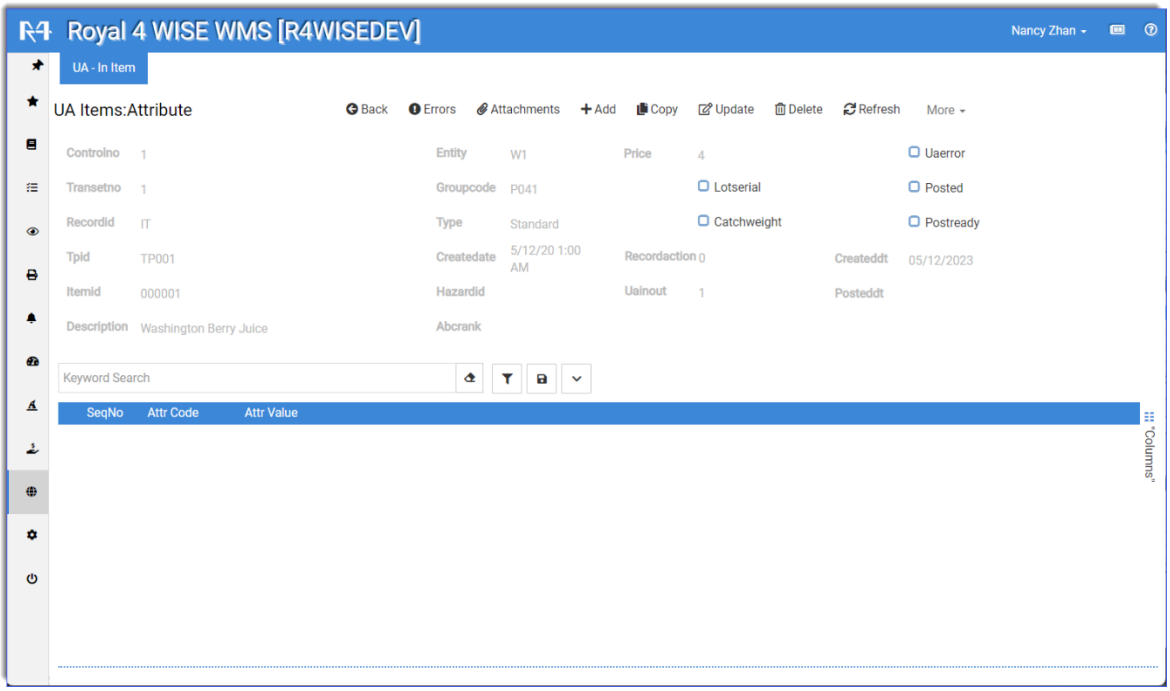
Attributes Tab

Access this tab by selecting *Attributes on the* UA – In Item main screen.

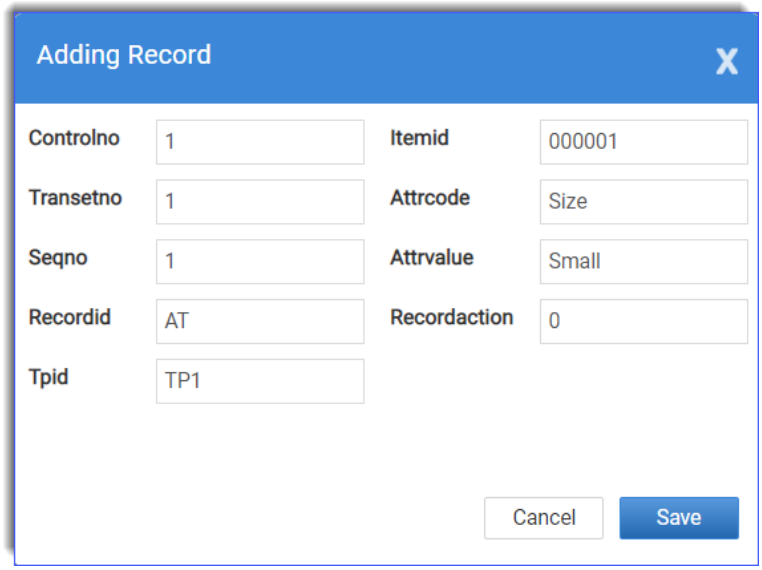
This tab displays information about the item's attributes.

Select *Errors* to see the reasons for not loading the item's attributes. These errors must be solved before the schedule can load the file.

Click *Back* to return to the UA – In Item main screen.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Controlno

This is a unique transaction sequence number set up by the system.

Transetno

This is a unique transaction sequence number set up by the system.

Seqno

This is the sequence number.

Recordid

The item attributes record identifier is displayed. This field is required.

Tpid

The trading partner identifier is displayed. This field is required.

Itemid

The stocking unit identifier is displayed. This field is required.

Attrcode

The attribute code commonly defined between the trading partners is displayed. For example: color and/or size. This field is mandatory.

Attrvalue

The attribute value is displayed; for example: red and/or small. This field is required.

Recordaction

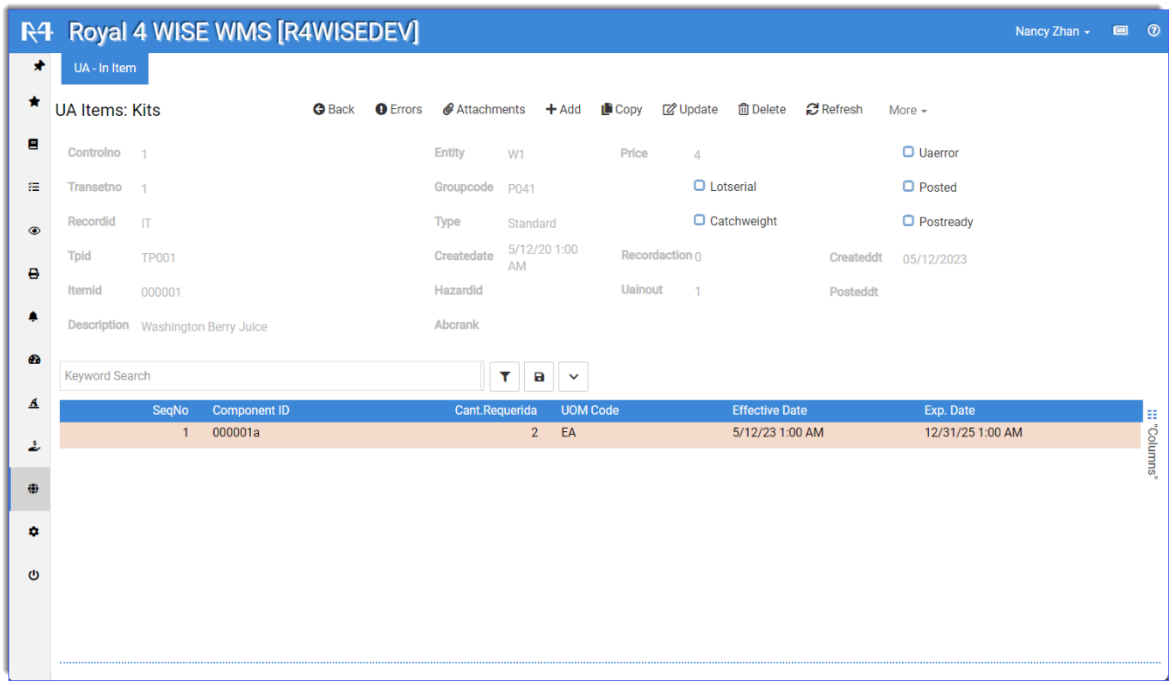
The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

Kits Tab

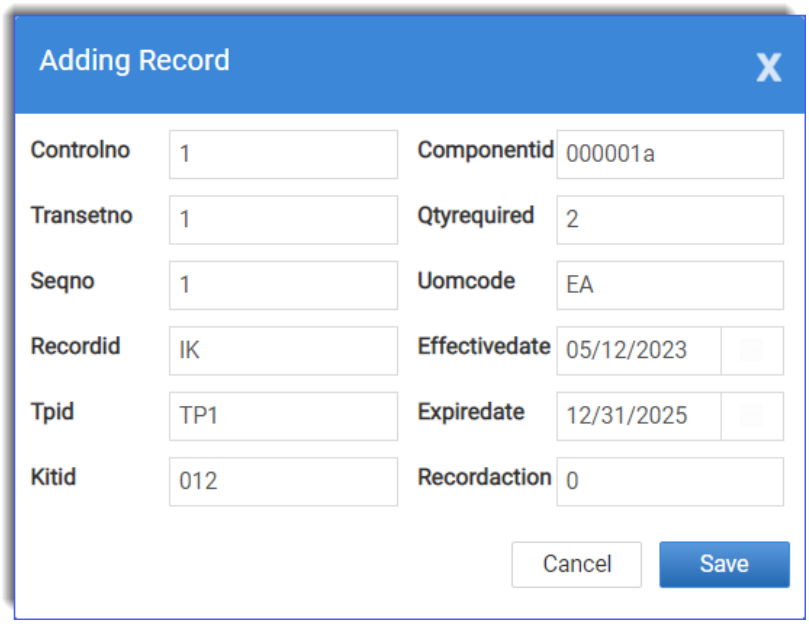
Access this tab by selecting *Kits on the* UA – In Item main screen. This tab displays information about the item's kits.

Select *Errors* to see the reasons for not loading the item's kits. These errors must be solved before the schedule can load the file.

Click *Back* to return to the UA – In Item main screen.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

Controlno

This is a unique transaction sequence number set up by the system.

Transetno

This is a unique transaction sequence number set up by the system.

Seqno

This is the sequence number.

Recordid

The item kit record identifier is displayed. This field is required.

Tpid

The trading partner identifier is displayed. This field is required.

Kitid

The kit parent's item ID (socking unit identifier) is displayed. This field is mandatory.

Componentid

The kit component's item ID is displayed. This field is mandatory.

Qtyrequired

The component's quantity required for 1 kit is displayed.

Uomcode

The kit parent's unit of measure is displayed. This field is required

Effectivedate

The effective date of the kit is displayed.

Expiredate

The expiration date of the kit is displayed.

Recordaction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

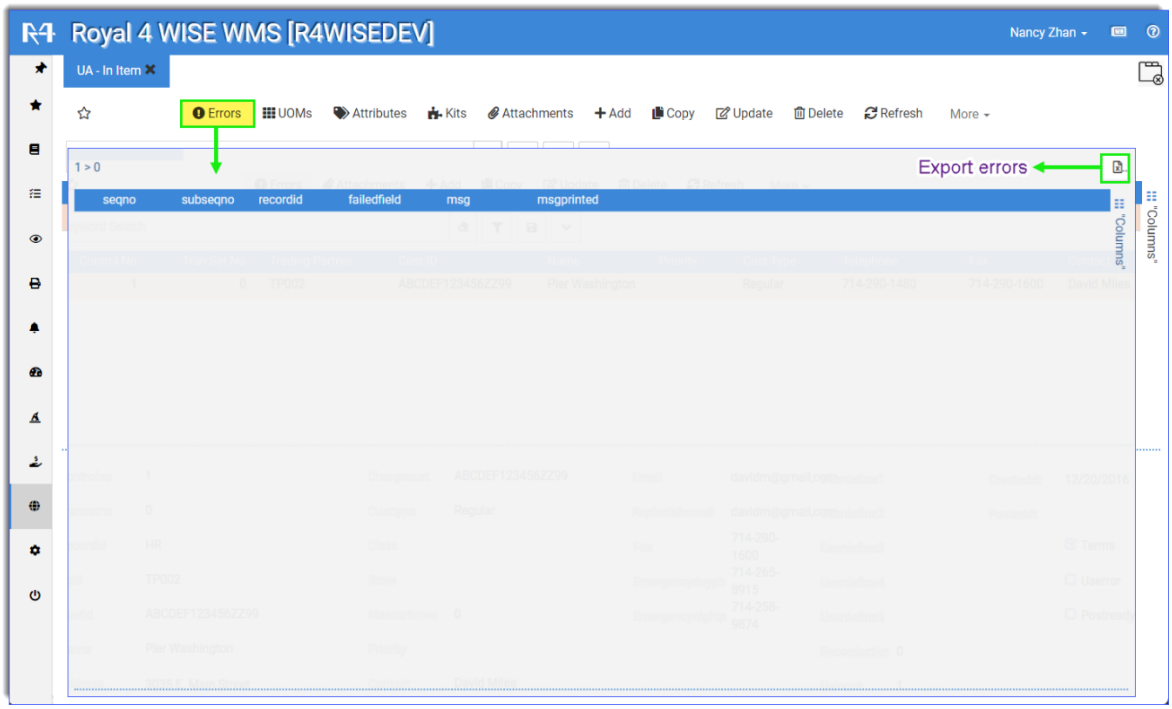
Errors Tab

Access this tab by selecting *Errors* on the UA – In Item main screen.

This screen displays the errors of the selected file (the reasons for not loading), if any; mostly it is due to the master data not setup or invalid data comes in the EDI. Users may export the errors as an Excel file.

> **NOTE**: Errors must be solved before the schedule can load the file.

Click anywhere outside the Errors tab to return to the UA – In Item main screen.

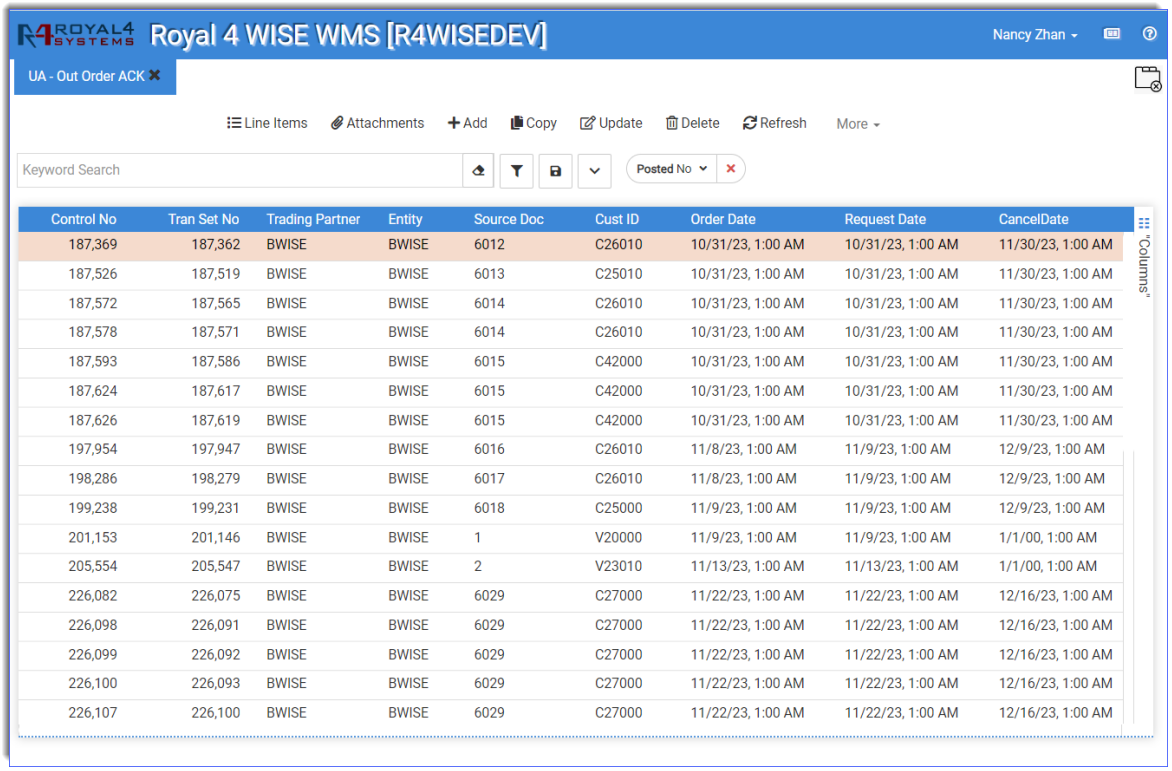


UA – Out Order ACK

When an order for a customer is released, the order status information (acknowledgement) is generated in the Universal Adapter System and then transmitted to the customer.

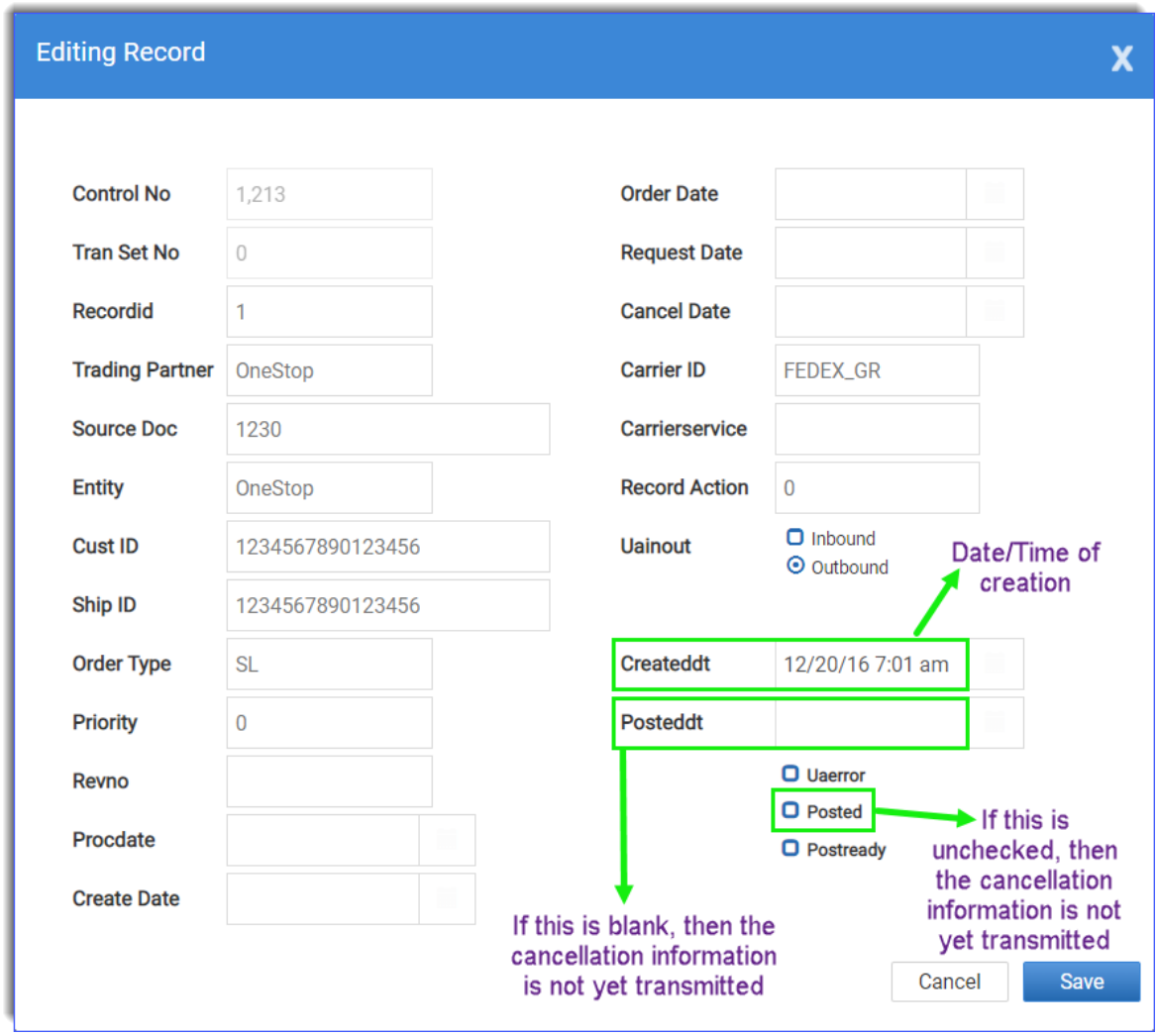
The screen shows the date and time the transaction was created (when the order was cancelled in *WISE*), and when the cancellation information was transmitted to the customer.

The UA – Our Order ACK table will be used to monitor integration of order acknowledgement with other systems like SAP B1.



Control No	Tran Set No	Trading Partner	Entity	Source Doc	Cust ID	Order Date	Request Date	CancelDate
187,369	187,362	BWISE	BWISE	6012	C26010	10/31/23, 1:00 AM	10/31/23, 1:00 AM	11/30/23, 1:00 AM
187,526	187,519	BWISE	BWISE	6013	C25010	10/31/23, 1:00 AM	10/31/23, 1:00 AM	11/30/23, 1:00 AM
187,572	187,565	BWISE	BWISE	6014	C26010	10/31/23, 1:00 AM	10/31/23, 1:00 AM	11/30/23, 1:00 AM
187,578	187,571	BWISE	BWISE	6014	C26010	10/31/23, 1:00 AM	10/31/23, 1:00 AM	11/30/23, 1:00 AM
187,593	187,586	BWISE	BWISE	6015	C42000	10/31/23, 1:00 AM	10/31/23, 1:00 AM	11/30/23, 1:00 AM
187,624	187,617	BWISE	BWISE	6015	C42000	10/31/23, 1:00 AM	10/31/23, 1:00 AM	11/30/23, 1:00 AM
187,626	187,619	BWISE	BWISE	6015	C42000	10/31/23, 1:00 AM	10/31/23, 1:00 AM	11/30/23, 1:00 AM
197,954	197,947	BWISE	BWISE	6016	C26010	11/8/23, 1:00 AM	11/9/23, 1:00 AM	12/9/23, 1:00 AM
198,286	198,279	BWISE	BWISE	6017	C26010	11/8/23, 1:00 AM	11/9/23, 1:00 AM	12/9/23, 1:00 AM
199,238	199,231	BWISE	BWISE	6018	C25000	11/9/23, 1:00 AM	11/9/23, 1:00 AM	12/9/23, 1:00 AM
201,153	201,146	BWISE	BWISE	1	V20000	11/9/23, 1:00 AM	11/9/23, 1:00 AM	1/1/00, 1:00 AM
205,554	205,547	BWISE	BWISE	2	V23010	11/13/23, 1:00 AM	11/13/23, 1:00 AM	1/1/00, 1:00 AM
226,082	226,075	BWISE	BWISE	6029	C27000	11/22/23, 1:00 AM	11/22/23, 1:00 AM	12/16/23, 1:00 AM
226,098	226,091	BWISE	BWISE	6029	C27000	11/22/23, 1:00 AM	11/22/23, 1:00 AM	12/16/23, 1:00 AM
226,099	226,092	BWISE	BWISE	6029	C27000	11/22/23, 1:00 AM	11/22/23, 1:00 AM	12/16/23, 1:00 AM
226,100	226,093	BWISE	BWISE	6029	C27000	11/22/23, 1:00 AM	11/22/23, 1:00 AM	12/16/23, 1:00 AM
226,107	226,100	BWISE	BWISE	6029	C27000	11/22/23, 1:00 AM	11/22/23, 1:00 AM	12/16/23, 1:00 AM

On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

ControlNo

This is a unique transaction sequence number set up by the system.

TranSetNo

This is a unique transaction sequence number set up by the system.

RecordId

The distribution order header identifier is displayed. This field is required.

Trading Partner

The trading partner identifier is displayed. This information is mapped to the internal customer ID account. This field is required.

SourceDoc

The source document is displayed, the options are Purchase Order/Work Order/RMA reference. This field is required.

Entity

The owner (entity) code is displayed.

CustID

The unique customer ID in the master table is displayed. This field is mandatory.

ShipID

The Ship To customer ID is displayed. This field is mandatory. It is used for identifying the To Address.

OrderType

The order type is displayed.

Priority

The priority number is displayed.

RevNo

The revision number is displayed.

ProcDate

The order processing date (the date when data is exported) is displayed.

CreateDate

The creation date in a format MM/DD/YYYY is displayed.

OrderDate

The original PO or work order date is displayed.

RequestDate

The order requisition date is displayed.

CancelDate

The order cancellation date is displayed.

CarrierID

The name of the carrier is displayed.

CarrierService

Carrier service will not be mapped into WISE. Auto routing will be used in its place.

RecordAction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

Uainout

It shows whether the information is coming in or out of the system:

In = Coming into Wise.
Out = Out of Wise.

Createddt

Date and time the transaction was created (when the order was cancelled in *WISE*) are displayed.

Posteddt

Date and time the transaction was transmitted (when the order was transmitted to the customer) are displayed.

Uaerror

If this box is checked, it means there is an error.

Posted

If this box is checked, it means the transaction has been transmitted.

PostReady

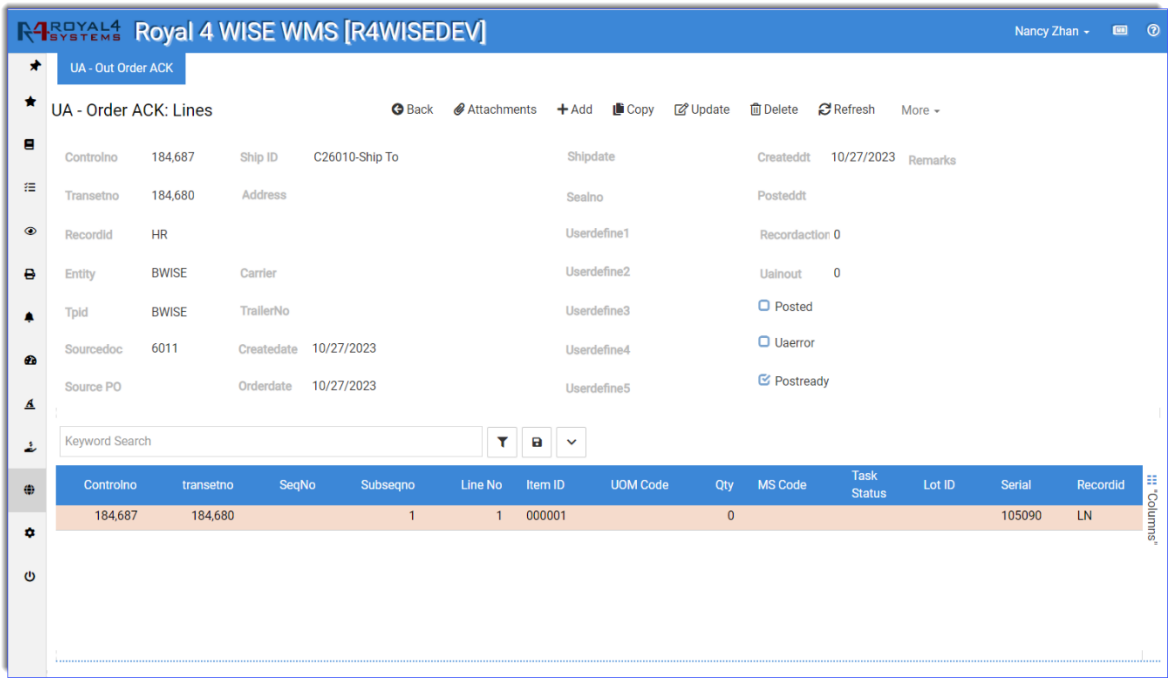
If this box is checked it means the transaction is ready to be posted.

Line Items Tab

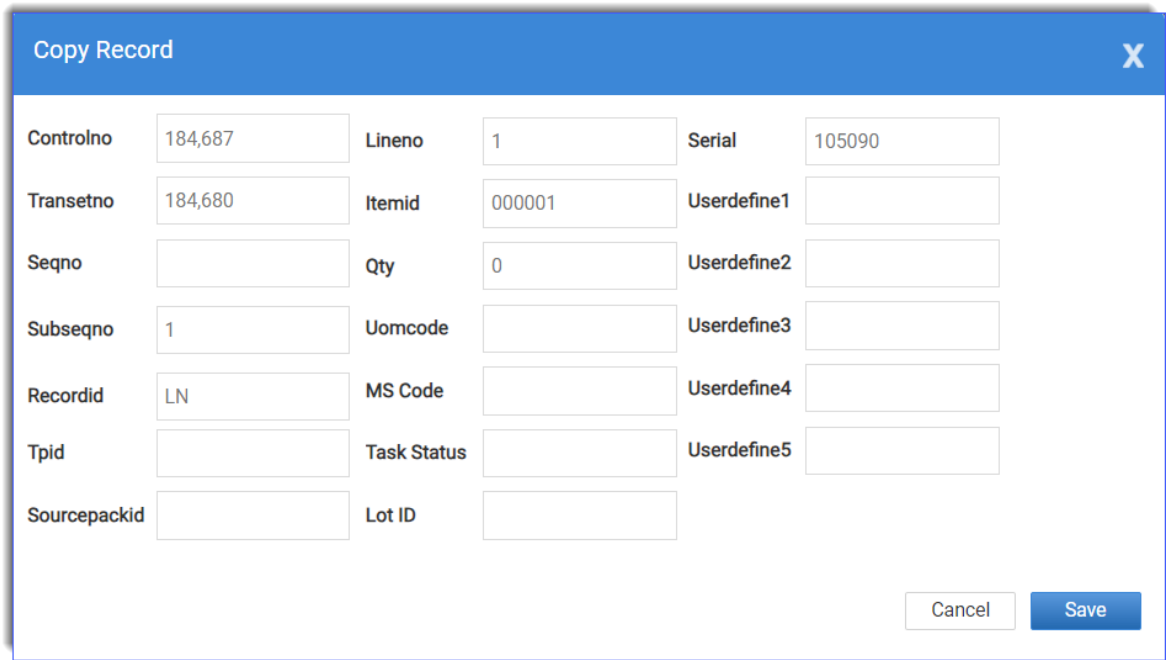
Access this tab by selecting *Line Items* on the UA – Out Order ACK main screen.

This tab displays the information about the lines of the order acknowledgement.

Click *Back* to return to the UA – Out Order ACK main screen.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

ControlNo

This is a unique transaction sequence number set up by the system.

TranSetNo

This is a unique transaction sequence number set up by the system.

SeqNo

The transaction sequence number is displayed.

RecordID

The shipment line identifier is displayed. This field is required.

Tpid

The trading partner identifier is displayed. This field is required.

Entity

The owner (entity) code is displayed.

Sourcepackid

The source pack ID is displayed.

ShipmentNo

The shipment number is displayed. This field is mandatory.

LineNo

The line number is displayed. This field is mandatory.

ItemID

The stocking unit identifier is displayed. This field is required.

Qty

The total quantity is displayed.

UOMcode

The unit of measure code for the item is displayed. The UOM code must exist in the unit of measure master. Sample: EA=Each, UN=Unit, CS=Case. This is commonly defined between the trading partners. This field is required.

MS Code

The MS code is displayed. The options are: AVL, QA, HLD. It can be left blank.

Task Status

The status of this task is displayed.

Lot ID

The lot ID is displayed.

Serial

The serial number is displayed.

UserDefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

UA – Out Shipment

Shipment advice files are generated for any customer that has been configured to send out shipment advice (either to the customer or to their trading partners).

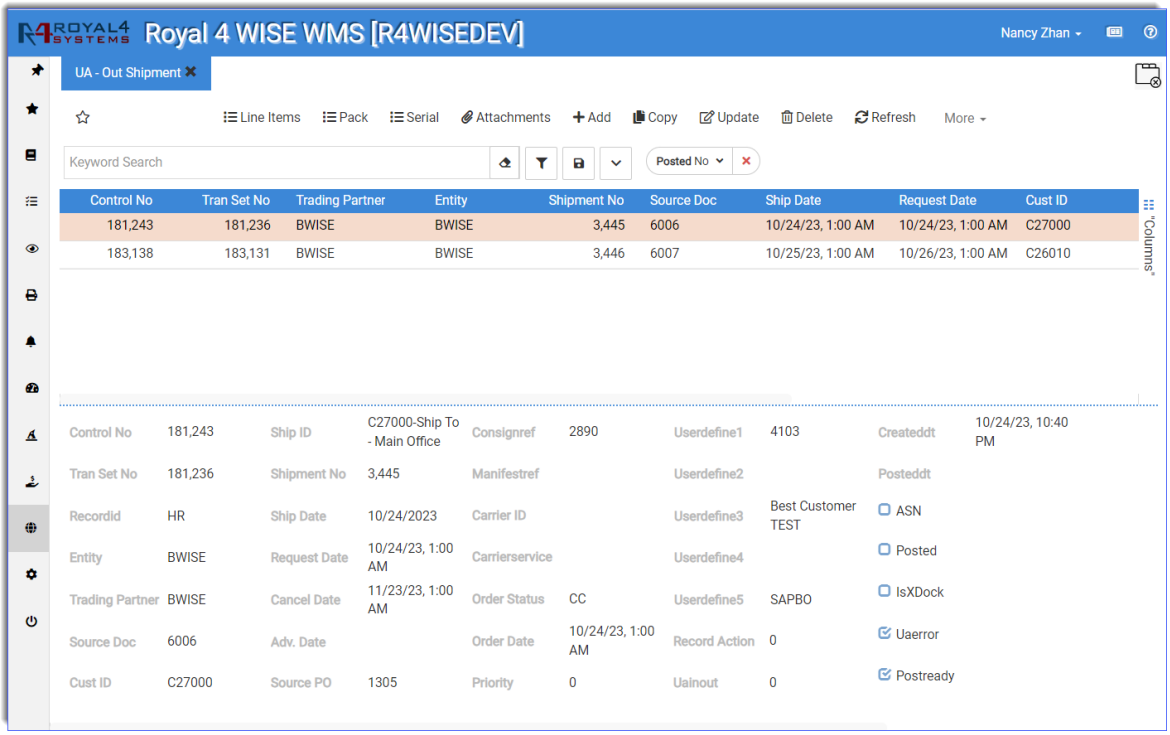
The default display mode is only unposted shipments. Unposted shipments means shipments that have not yet sent out (transmitted) to customer's systems.

When shipments are closed in *WISE*, the shipment advice records are generated and will be displayed in the UA - Out Shipment Screen.

Depending upon the customer's preference, a scheduled job runs and generates shipment files which will be delivered to customer's FTP (File Transfer Protocol) or their preferred method of communication.

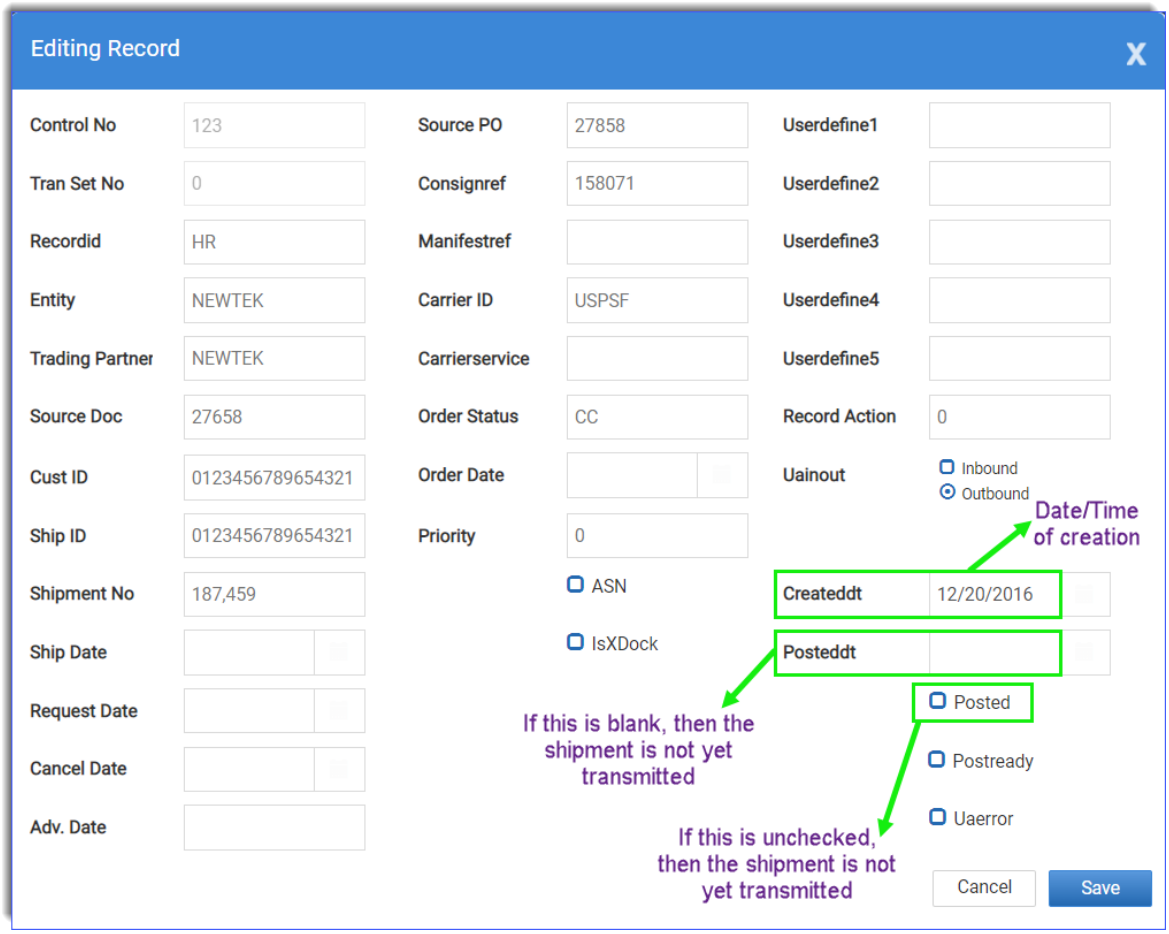
As shown below, the shipments have not been transmitted to the customer yet. They are not transmitted because the schedule for file transmission has not started or there are errors in the transmission. If any shipment files are displayed in the screen please call Royal 4 Support .

If the customer prefers to have it transmitted only once at the end of the day, the shipments will be showing up until the end of day. If this screen displays files with a created date for more than one day please call Royal 4 support.



Header Tab

This tab displays the shipment header information. It also displays information about when the data was transmitted. On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

ControlNo

This is a unique transaction sequence number set up by the system.

TranSetNo

This is a unique transaction sequence number set up by the system.

RecordID

The distribution order header identifier is displayed. This field is required

Entity

The owner (entity) code is displayed.

Trading Partner

The trading partner identifier is displayed. This field is required.

SourceDoc

The source document is displayed, the options are Purchase Order/Work Order/RMA Reference. This field is required .

CustID

The unique customer ID in the master table is displayed. This field is mandatory.

ShipID

The Ship To customer ID is displayed. This field is mandatory. It is used for identifying the To Address.

ShipmentNo

The shipment number is displayed.

ShipDate

The order shipment date is displayed.

RequestDate

The order requisition date is displayed.

CancelDate

The order cancellation date is displayed.

Adv Date

The order advice date is displayed.

SourcePO

The source PO number is displayed.

ConsignRef

It can be any reference number for a shipment.

ManifestRef

The manifest number is displayed.

CarrierID

The name of the carrier is displayed.

CarrierService

Carrier service will not be mapped into *WISE*. Auto routing will be used in its place.

OrderStatus

The status of the order displayed: CC=Ship Complete, or PR=Split Partial Shipment.

OrderDate

The original PO or work order date is displayed.

Priority

The priority number is displayed.

ASN

If this box is checked it means it is an ASN. Only records with SSCC detail must have ASN.

IsXDock

If this box is checked it means it is a cross dock order.

UserDefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

RecordAction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

UAInOut

It shows whether the information is coming in or out of the system:

In = Coming into Wise.
Out = Out of Wise.

Createddt

The creation date and time are displayed by default

Posteddt

If this blank it means the shipment has not been transmitted yet.

Posted

If this box is unchecked it means the shipment has not been transmitted yet.

PostReady

If this box is checked it means the transaction is ready to be posted.

UaError

If this box is checked it means there is an error.

Line Items Tab

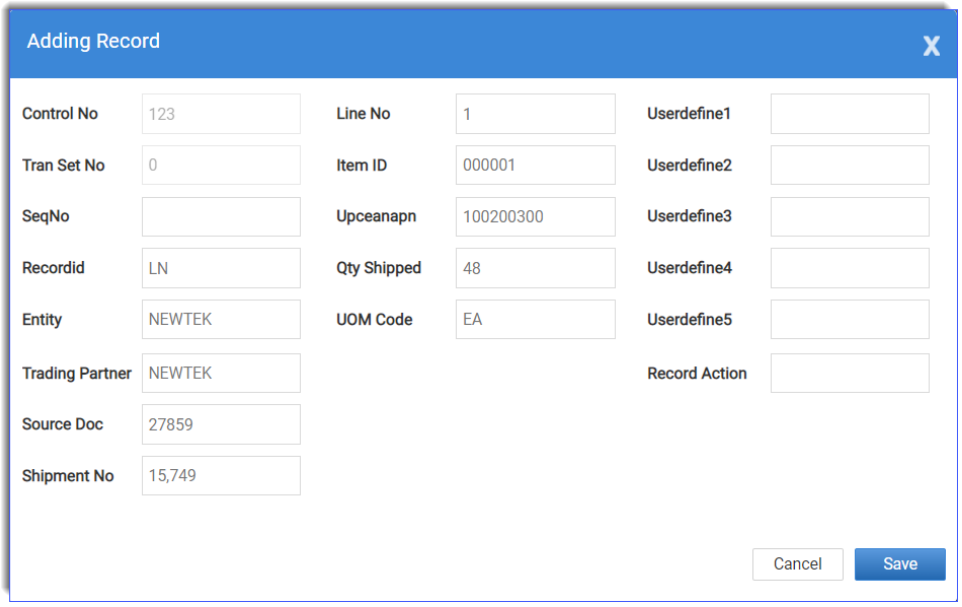
Access this tab by selecting *Line Items* on the UA – Out Shipment main screen.

This tab displays the information about the lines of the items shipped under the shipment.

Click *Back* to return to the UA – Out Shipment main screen.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

ControlNo

This is a unique transaction sequence number set up by the system.

TranSetNo

This is a unique transaction sequence number set up by the system.

Seq No

The transaction sequence number is displayed.

RecordID

The shipment line identifier is displayed. This field is required.

Entity

The owner (entity) code is displayed.

Trading Partner

The trading partner identifier is displayed. This field is required.

SourceDoc

The source document is displayed, the options are Purchase Order/Work Order/RMA reference. This field is required.

ShipmentNo

The shipment number is displayed. This field is mandatory.

LineNo

The line number is displayed. This field is mandatory.

ItemID

The stocking unit identifier is displayed. This field is required.

UPC

The universal product code for this item is displayed.

QtyShipped

The total quantity shipped is displayed. This field is required

UOMcode

The unit of measure code for the item is displayed. The UOM code must exist in the unit of measure master. Sample: EA=Each, UN=Unit, CS=Case. This is commonly defined between the trading partners. This field is required.

UserDefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

RecordAction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

Packs Tab

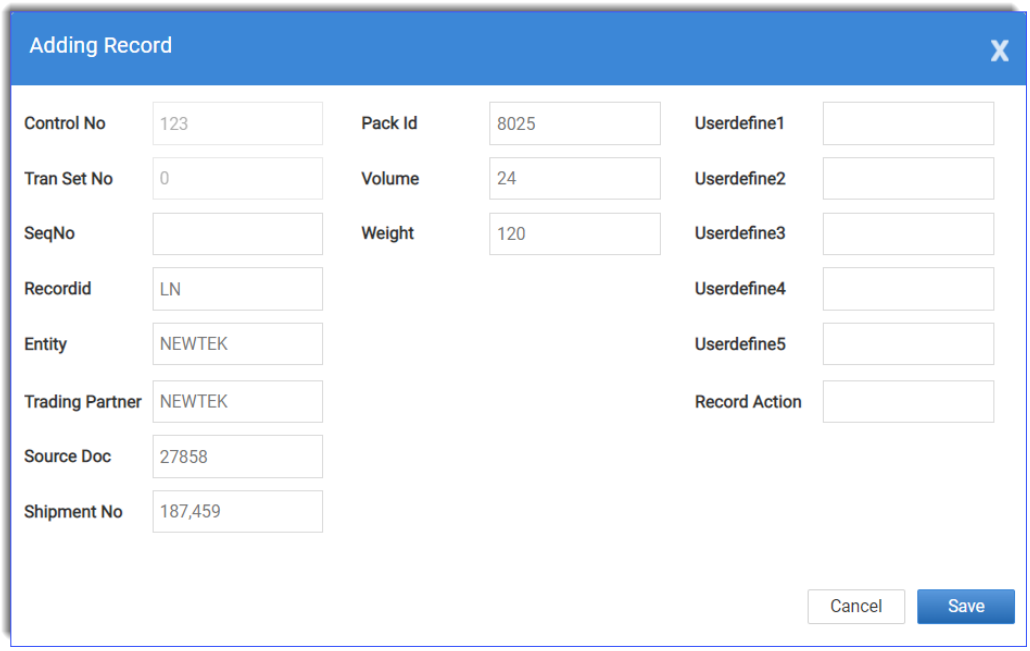
Access this tab by selecting *Packs on the* UA – Out Shipment main screen.

This tab displays the information about the packs shipped under the shipment.

Click *Back* to return to the UA – Out Shipment main screen.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

ControlNo

This is a unique transaction sequence number set up by the system.

TranSetNo

This is a unique transaction sequence number set up by the system.

SeqNo

This is the sequence number.

RecordID

The expected receipt carton detail identifier is displayed. This field is required

Entity

The owner (entity) code is displayed.

Trading Partner

The trading partner identifier is displayed. This field is required.

SourceDoc

The source document is displayed, the options are Purchase Order/Work Order/RMA reference. This field is required

ShipmentNo

The shipment number is displayed. This field is mandatory.

PackID

The pack ID is displayed. This field is mandatory.

Volume

The volume is displayed. This is the volume of a single item and it is calculated by the system using the formula *height x length x width*. Volume can be null if length, width and height are provided.

Weight

The weight of this item is displayed, this is a system measurement commonly defined between both trading parties.

UserDefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

RecordAction

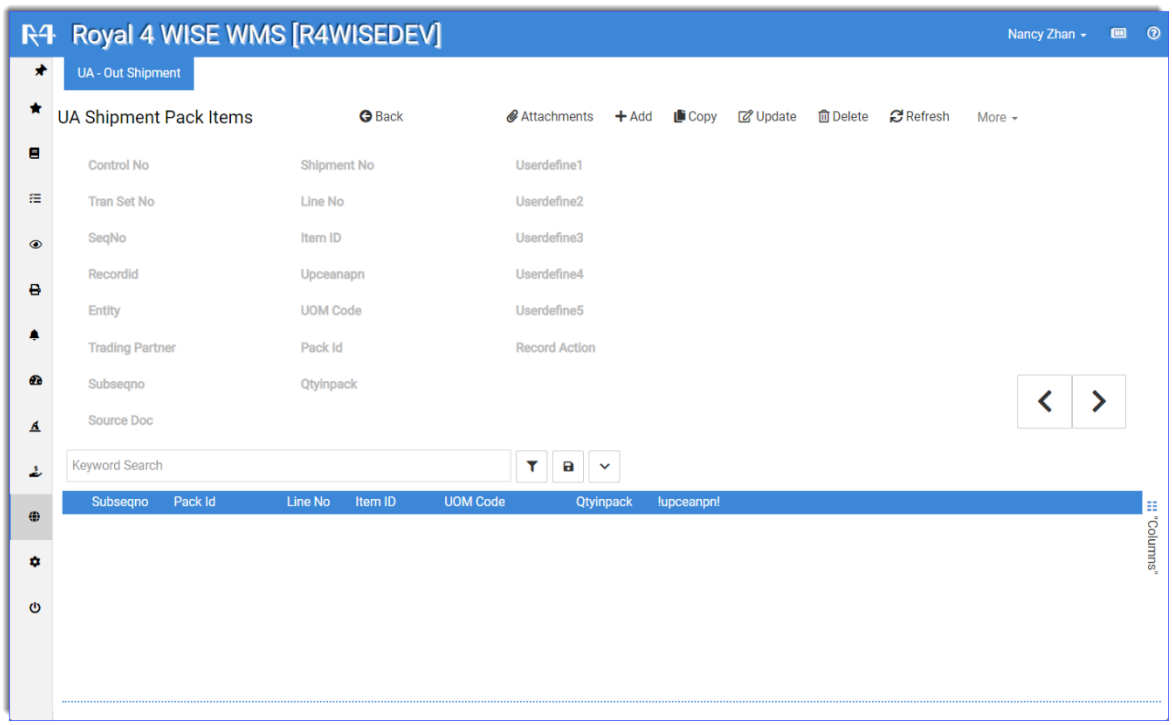
The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

Pack Items Tab

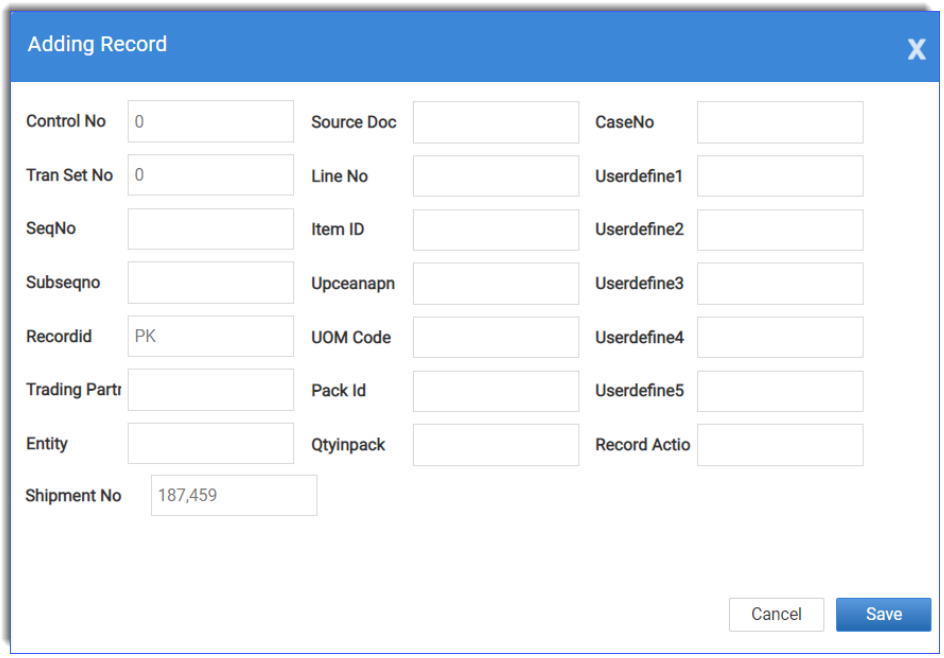
Access this tab by selecting *Pack Items* on the Packs tab screen.

This tab displays the contents for each pack under the shipment.

Click *Back* to return to the Packs tab.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

ControlNo

This is a unique transaction sequence number set up by the system.

TranSetNo

This is a unique transaction sequence number set up by the system.

SeqNo

This is the sequence number.

SubSeqNo

This is the sub sequence number.

RecordID

The expected receipt carton detail identifier is displayed. This field is required

Trading Partner

The trading partner identifier is displayed. This field is required.

Entity

The owner (entity) code is displayed.

ShipmentNo

The shipment number is displayed. This field is mandatory.

SourceDoc

The source document is displayed, the options are Purchase Order/Work Order/RMA reference. This field is required.

LineNo

The line number is displayed. This field is mandatory

ItemID

The stocking unit identifier is displayed. This field is required.

UPC

The universal product code for this item is displayed.

UOMcode

The unit of measure code for the item is displayed. The UOM code must exist in the unit of measure master. Sample: EA=Each, UN=Unit, CS=Case. This is commonly defined between the trading partners. This field is required.

PackID

The pack ID is displayed. This field is mandatory.

QtyInPack

The total quantity in a case pack is displayed. This field is required.

UserDefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

RecordAction

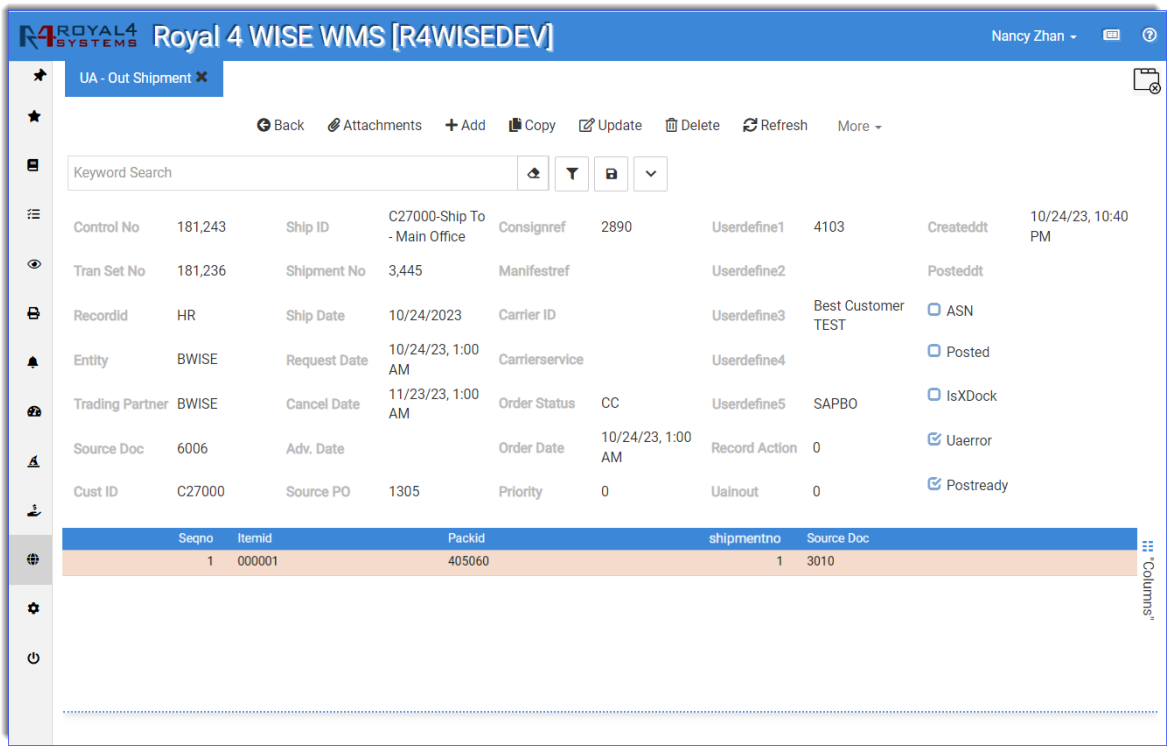
The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

Serial Tab

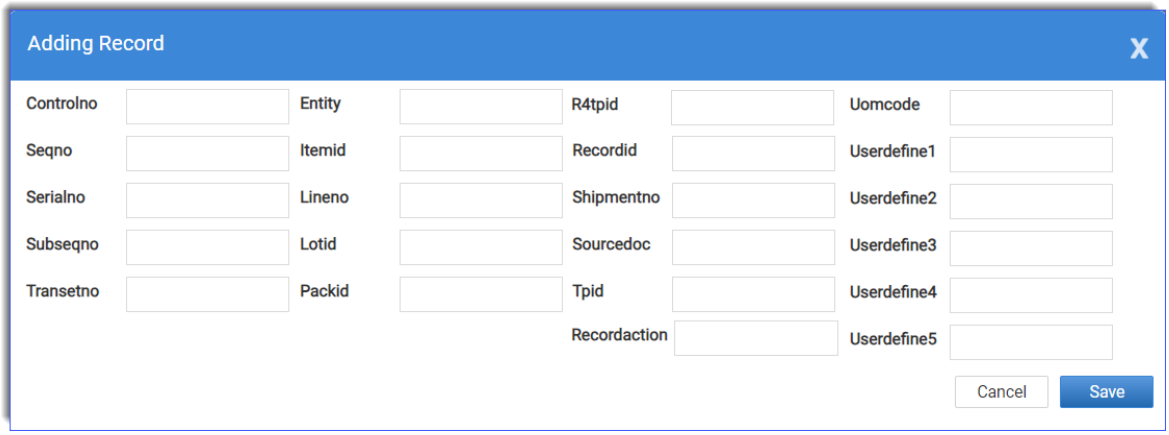
Access this tab by selecting *Serial on the* UA – Out Shipment main screen.

If the selected transaction is setup to have the serial numbers tracked, this tab will display the serial numbers related to the items shipped.

Click *Back* to return to the UA – Out Shipment main screen.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

ControlNo

This is a unique transaction sequence number set up by the system.

SeqNo

This is the sequence number.

SerialNo

The serial number is displayed.

TranSetNo

This is a unique transaction sequence number set up by the system.

Entity

The owner (entity) code is displayed.

Itemid

The stocking unit identifier is displayed. This field is required.

LineNo

The line number is displayed. This field is mandatory

Lotid

The lot ID is displayed. This field is mandatory.

Packid

The pack ID is displayed. This field is mandatory.

R4tpid

The R4 trading partner identifier is displayed. This field is required.

RecordID

The expected receipt carton detail identifier is displayed. This field is required

ShipmentNo

The shipment number is displayed. This field is mandatory.

SourceDoc

The source document is displayed, the options are Purchase Order/Work Order/RMA Reference. This field is required .

Tpid

The trading partner identifier is displayed. This field is required.

RecordAction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

UOMcode

The unit of measure code for the item is displayed. The UOM code must exist in the unit of measure master. Sample: EA=Each, UN=Unit, CS=Case. This is commonly defined between the trading partners. This field is required.

UserDefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

UA – Out Receipt Advice

Receipt advice files are generated for any customer that has been configured to send out receipt advice (either to the customer or to their trading partners).

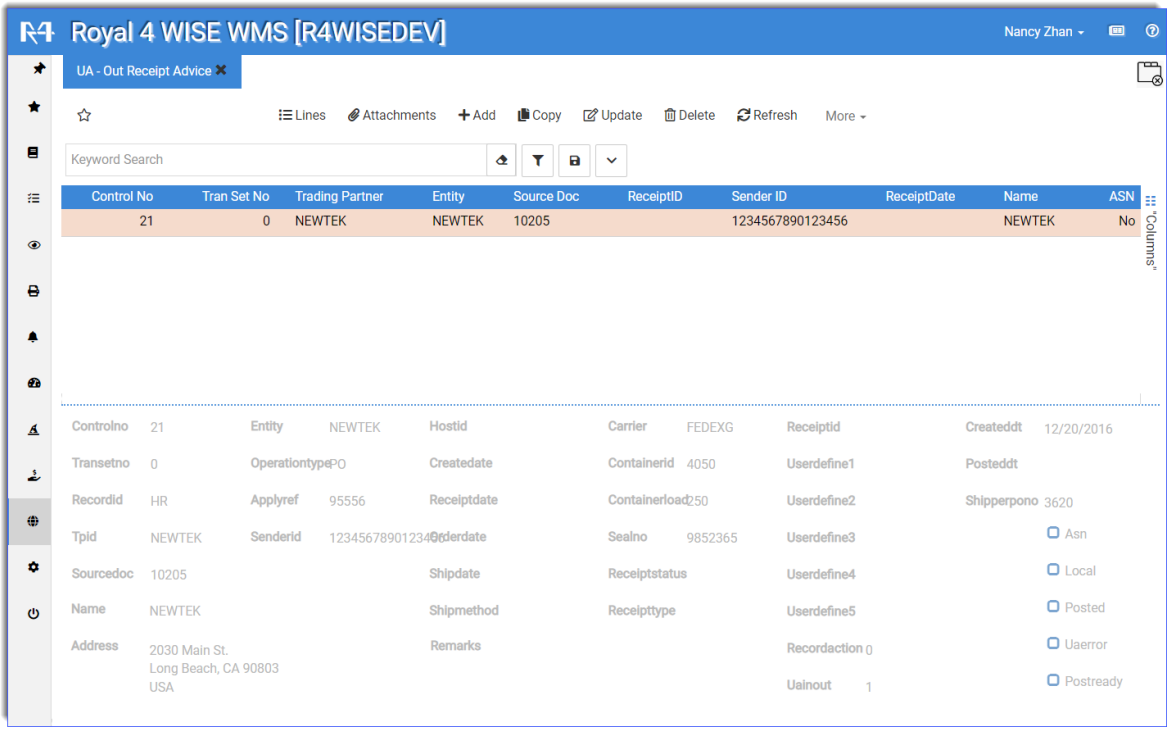
The default display mode is only unposted receipt advice. Unposted receipt advice means receipts that have not yet sent out (transmitted) to customer's systems.

When receipts are closed in *WISE* , the receipt advice records are generated and will be displayed in the UA- Out Receipt Advice Screen.

Depending upon the customer's preference, a scheduled job runs and generates receipt advice files which will be delivered to customer's FTP (File Transfer Protocol) or their preferred method of communication.

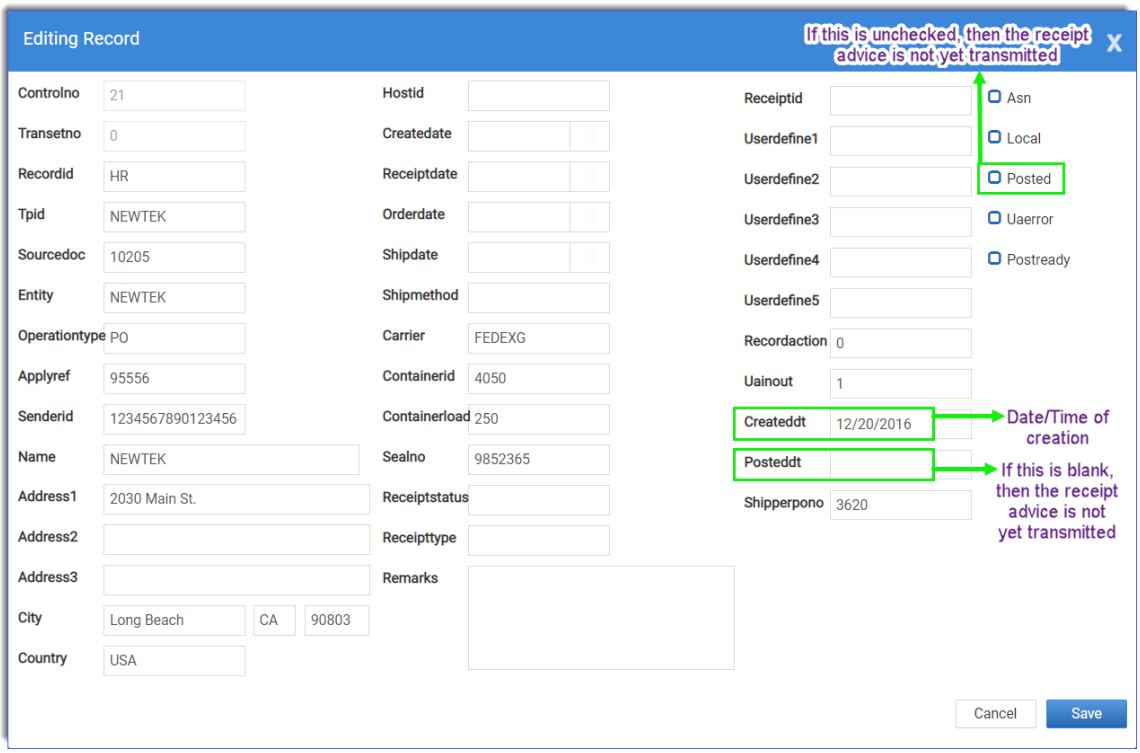
As shown below, the receipt advices have not been transmitted to the customer yet. They are not transmitted because the schedule for file transmission has not started or there are errors in the transmission. If this screen displays files please call Royal 4 Support .

If the customer prefers to have it transmitted only once at the end of the day, the receipt advice will be showing up until the end of day. If files with a Created date for more than one day are displayed in this screen please call Royal 4 support.



Header Tab

This tab displays the receipt advice header and information about when the data was transmitted. On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

ControlNo

This is a unique transaction sequence number set up by the system.

TranSetNo

This is a unique transaction sequence number set up by the system.

RecordID

The expected receipt header identifier is displayed.

Tpid

The trading partner identifier is displayed. This field is required.

SourceDoc

The source document is displayed, the options are Purchase Order/Work Order/RMA Reference. This field is required

Entity

The owner (entity) code is displayed.

OperationType

The operation type is displayed, the options are PO, WO, RMA. It determines the sender lookup (PO=VendorID, RMA=CustomerID) and maps the applied reference to the relevant PO or RMA field. This field is required.

ApplyRef

The applied reference in relation to the above source document (RMA, WO) is displayed.

SenderID

The vendor or customer code is displayed. This field is mandatory

Name

The vendor or customer name is displayed.

Address 1 - 3

The address (up to three lines) in which the Ship to vendor or customer is located is displayed.

City

The city in which the Ship to vendor or customer is located is displayed.

State

The state in which the Ship to vendor or customer is located is displayed.

Postal Code

The zip code in which the Ship to vendor or customer is located is displayed.

Country

The country in which the Ship to vendor or customer is located is displayed. This field may be left blank if all customers are in the same country and no distinction need be made.

HostID

The ID for the host system is displayed.

CreateDate

The creation date and time are displayed.

ReceiptDate

The receipt to warehouse date is displayed. This field is mandatory

OrderDate

The original PO or work order date is displayed.

ShipDate

The shipment date as indicated on the bill of lading is displayed.

ShipMethod

The shipping method is displayed: LCL, FCL, AF, MISC.

Carrier

The name of the carrier is displayed.

ContainerID

The container ID as indicated on the bill of lading is displayed.

ContainerLoad

The container size is displayed.

SealNo

The container seal number is displayed.

ReceiptStatus

The expected receipt status (open, cancel, etc.) is displayed.

ReceiptType

The expected receipt type is displayed.

Remarks

Remarks or additional information is displayed in this field.

ReceiptID

The *WISE* expected receipt number is displayed.

UserDefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

RecordAction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

UAInOut

It shows whether the information is coming in or out of the system:

In = Coming into Wise.
Out = Out of Wise.

Createddt

The creation date and time are displayed.

Posteddt

The posting date and time are displayed.

ShipperPONo

The shipper's PO number is displayed.

ASN

If this box is checked it means it is an ASN. Only records with SSCC detail must have ASN.

Local

If this box is checked it means the PO is locally purchased, if it is not checked it means it is imported.

Posted

If this box is checked it means the transmission has been posted.

UAError

If this box is checked it means there has been an error in the transmission.

PostReady

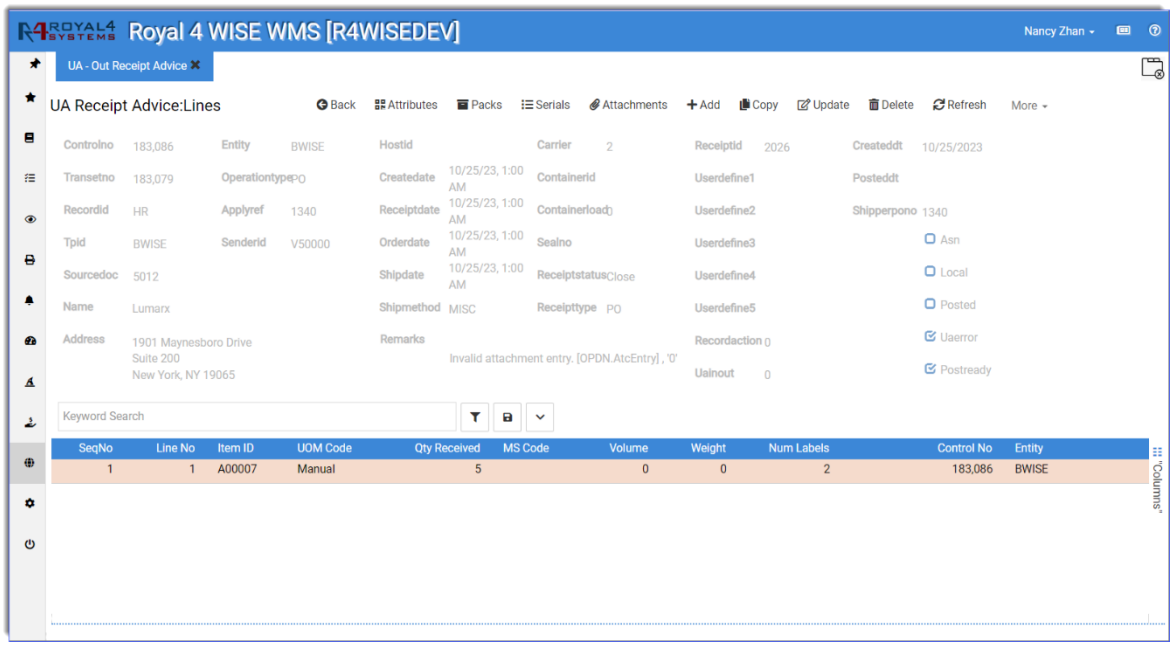
If this box is checked it means the transaction is ready to be posted.

Lines Tab

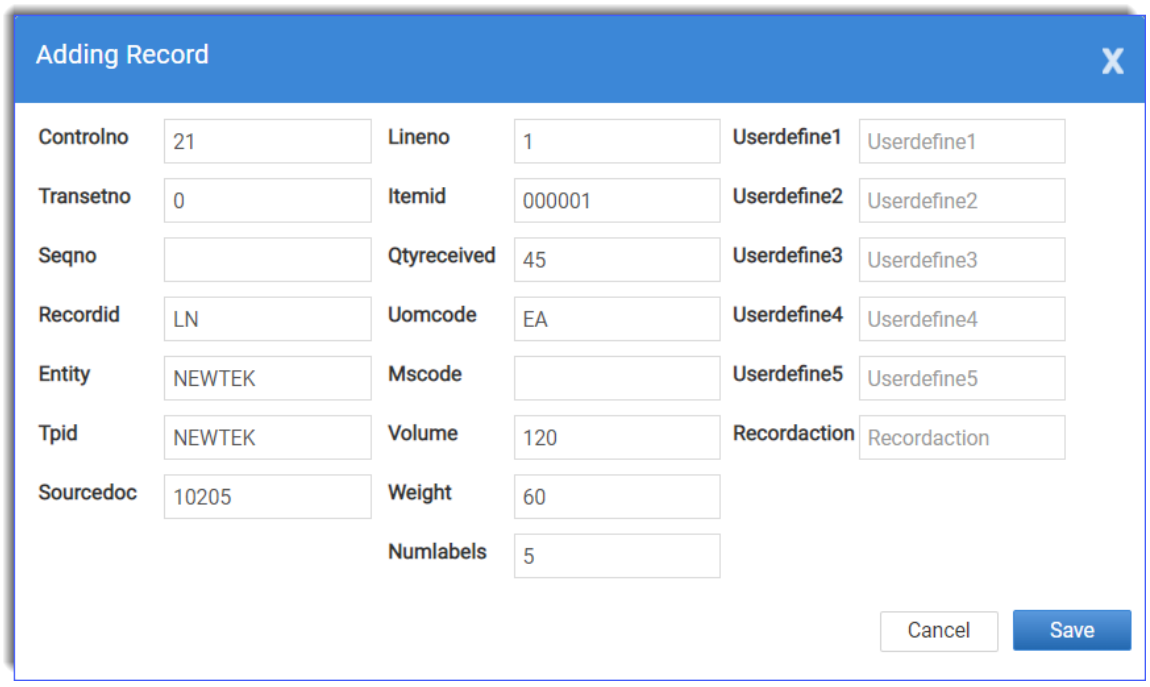
Access this tab by selecting *Lines* on the UA – Out Receipt Advice main screen.

This tab displays the line information for the receipt advice.

Click *Back* to return to the UA – Out Receipt Advice main screen.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

ControlNo

This is a unique transaction sequence number set up by the system.

TranSetNo

This is a unique transaction sequence number set up by the system.

SeqNo

This is the sequence number.

RecordID

The expected receipt line identifier is displayed.

Entity

The owner (entity) code is displayed.

Tpid

The trading partner identifier is displayed. This field is required.

SourceDoc

The source document is displayed, the options are Purchase Order/Work Order/RMA reference. This field is required

LineNo

The line number is displayed. This field is mandatory

ItemID

The stocking unit identifier is displayed. This field is required.

QtyReceived

The total quantity received is displayed. This field is required

UOMcode

The unit of measure code for the item is displayed. The UOM code must exist in the unit of measure master. Sample: EA=Each, UN=Unit, CS=Case. This is commonly defined between the trading partners. This field is required.

MSCode

The MS code is displayed. The options are: AVL, QA, HLD. (it may be left blank).

Volume

The volume is displayed. This is the volume of a single item and it is calculated by the system using the formula *height x length x width*. Volume can be null if length, width & height are provided

Weight

The weight of this item is displayed. This is a system measurement commonly defined between both trading parties.

NumLabels

The number of labels is displayed. It defaults to zero.

UserDefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

RecordAction

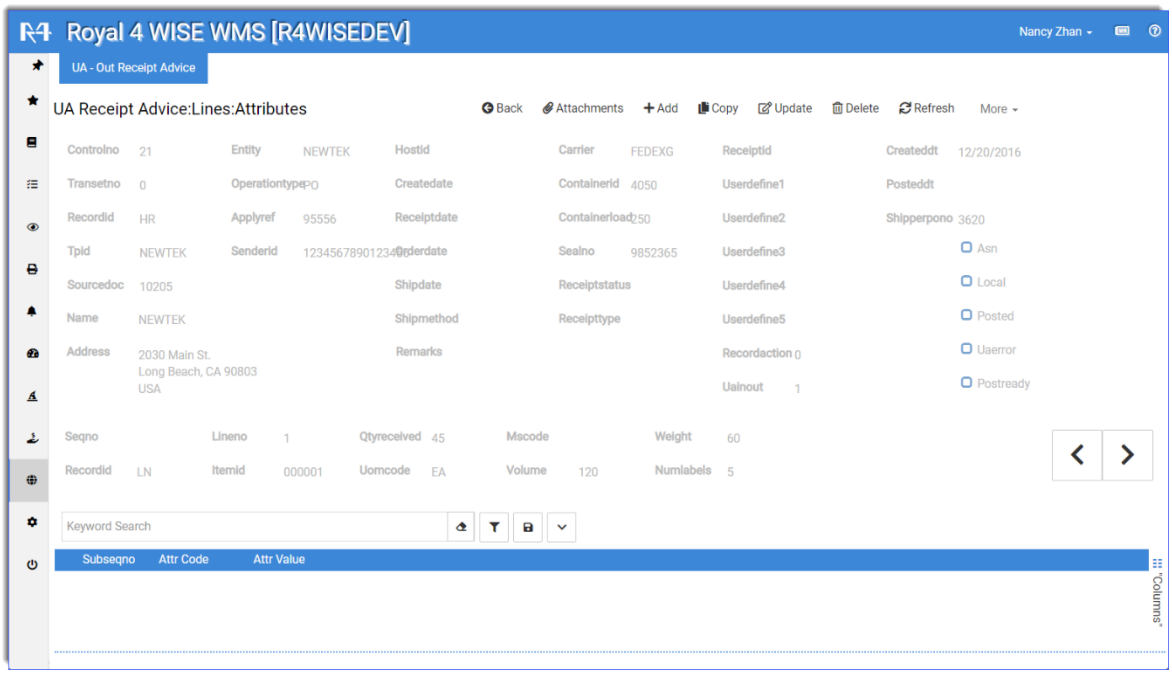
The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

Line Attributes Tab

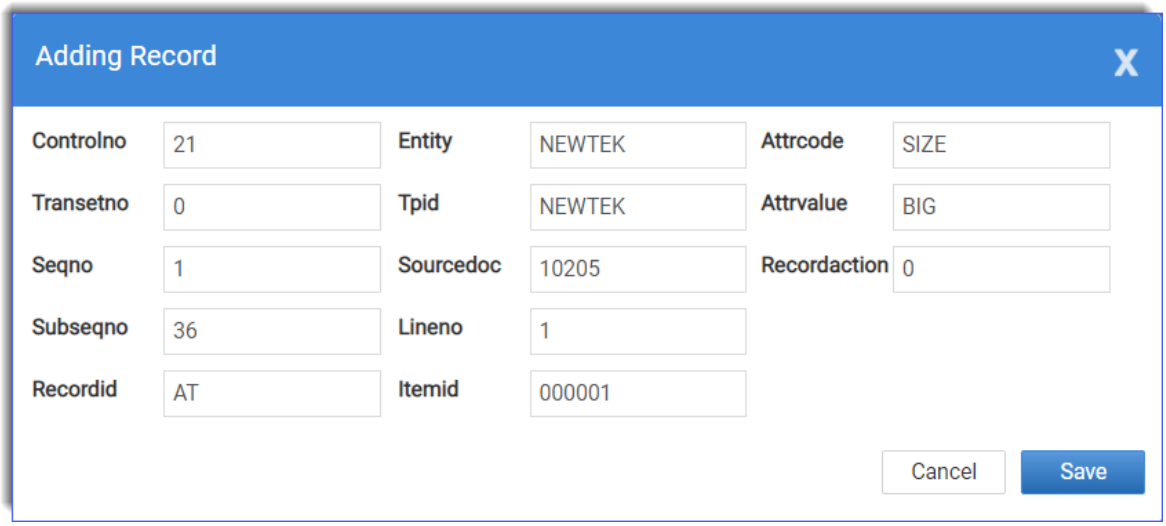
Access this tab by selecting *Attributes on the* Lines Tab screen.

This tab displays information about the line's attributes of the receipt advice.

Click *Back* to return to the Lines tab.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

ControlNo

This is a unique transaction sequence number set up by the system.

TranSetNo

This is a unique transaction sequence number set up by the system.

SeqNo

This is the sequence number.

SubSeqNo

This is the sub sequence number.

RecordID

The expected receipt line attribute identifier is displayed.

Entity

The owner (entity) code is displayed.

Tpid

The trading partner identifier is displayed. This field is required.

SourceDoc

The source document is displayed, the options are Purchase Order/Work Order/RMA reference. This field is required.

LineNo

The line number is displayed. This field is mandatory

ItemID

The stocking unit identifier is displayed. This field is required.

AttrCode

The attribute code commonly defined between the trading partners is displayed, for example: color and/or size. This field is mandatory.

AttrValue

The attribute value is displayed, for example: red and/or small. This field is required.

RecordAction

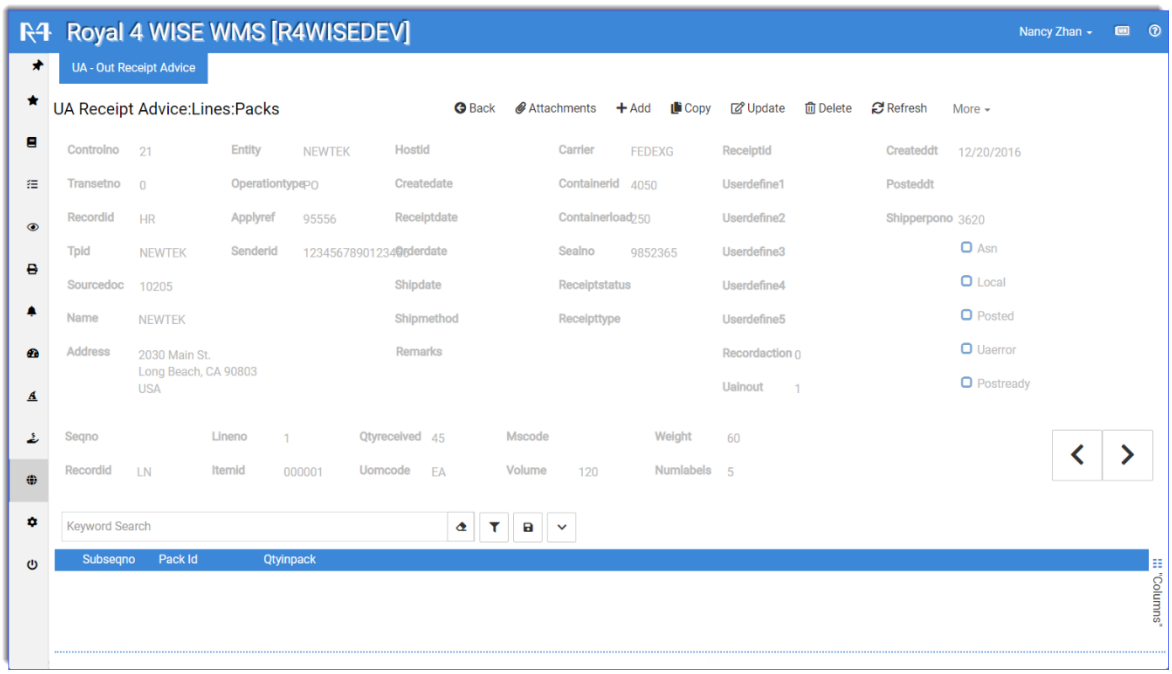
The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

Line Packs Tab

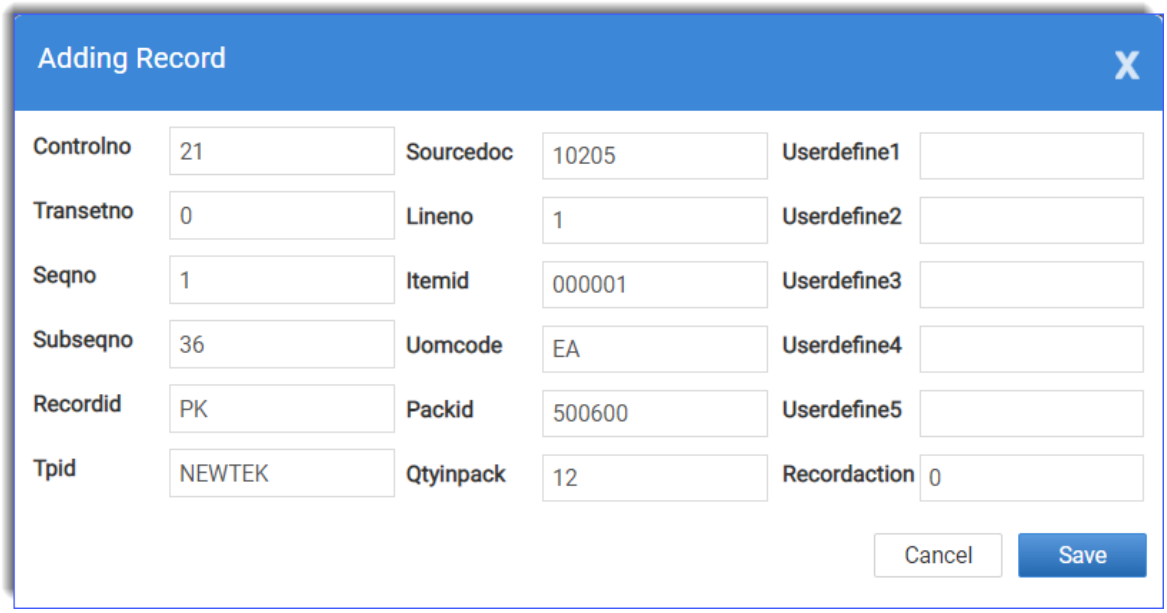
Access this tab by selecting *Packs* on the Lines Tab screen.

This tab displays pack information for the receipt advice.

Click *Back* to return to the Lines tab.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

ControlNo

This is a unique transaction sequence number set up by the system.

TranSetNo

This is a unique transaction sequence number set up by the system.

SeqNo

This is the sequence number.

SubSeqNo

This is the sub sequence number.

RecordID

The expected receipt carton detail identifier is displayed. This field is required

Tpid

The trading partner identifier is displayed. This field is required.

SourceDoc

The source document is displayed, the options are Purchase Order/Work Order/RMA reference. This field is required.

LineNo

The line number is displayed. This field is mandatory.

ItemID

The stocking unit identifier is displayed. This field is required.

UOMcode

The unit of measure code for the item is displayed. The UOM code must exist in the unit of measure master. Sample: EA=Each, UN=Unit, CS=Case. This is commonly defined between the trading partners. This field is required.

PackID

The pack ID is displayed. This field is mandatory

QtyInPack

The total quantity in a case pack is displayed. This field is required.

UserDefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

RecordAction

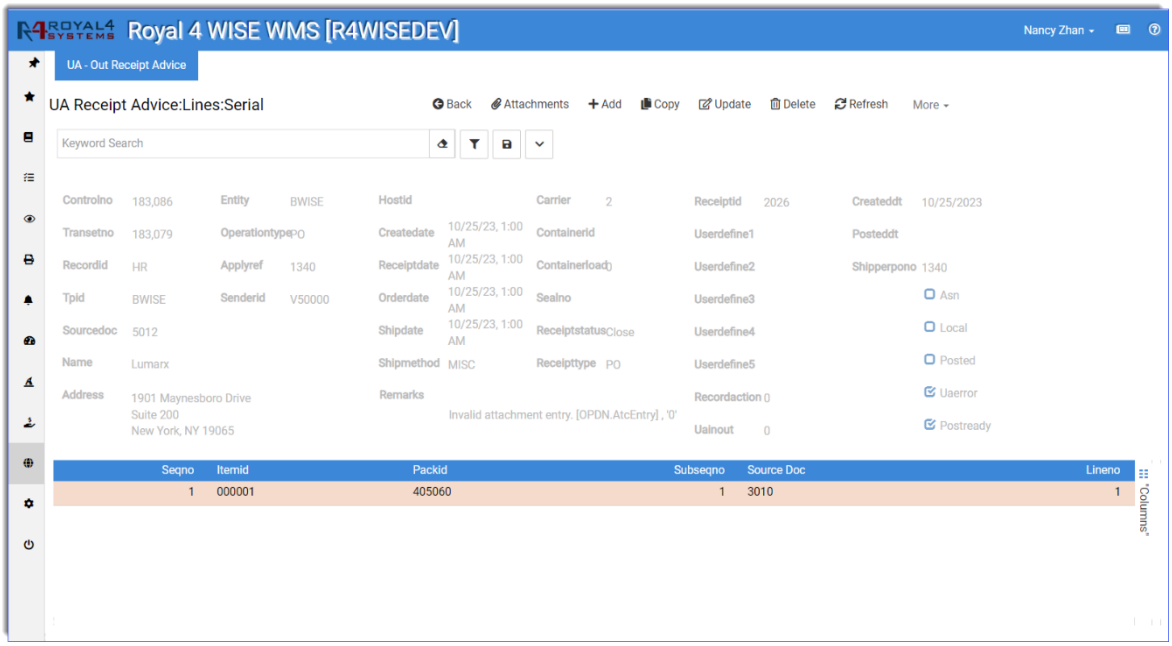
The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

Serials Tab

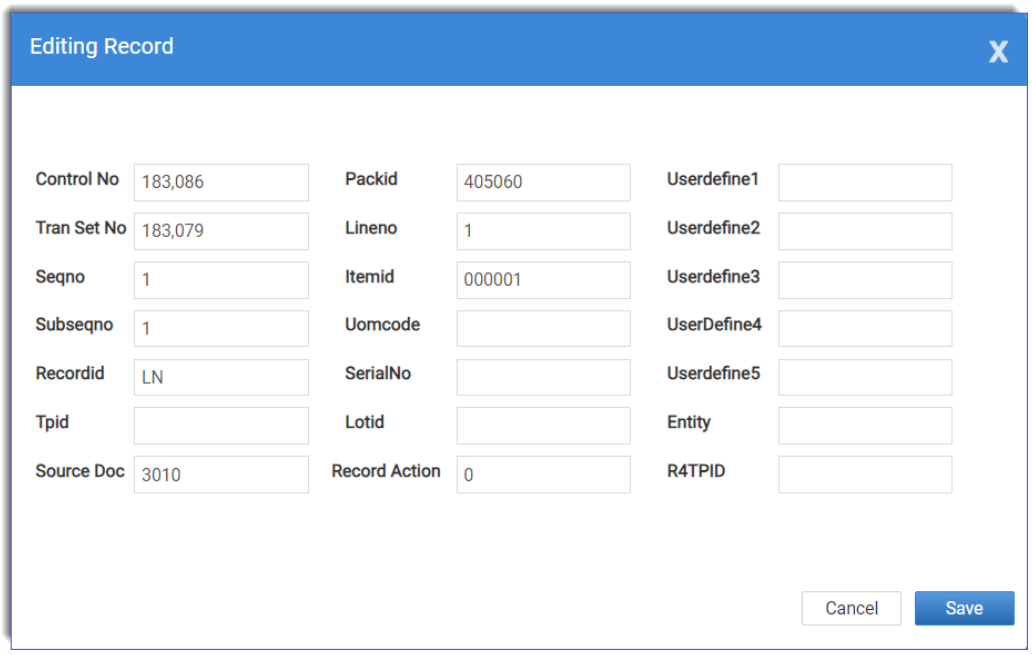
Access this tab by selecting *Serials* on the Lines Tab screen.

If the selected transaction is setup to have the serial numbers tracked, this tab will display the serial information related to the selected item.

Click *Back* to return to the Lines tab.



On Add/Copy/Update the fields become enabled, so data can be entered. The Save/Cancel/Exit buttons also become enabled.



FIELD DESCRIPTIONS

ControlNo

This is a unique transaction sequence number set up by the system.

TranSetNo

This is a unique transaction sequence number set up by the system.

SeqNo

This is the sequence number.

SubseqNo

This is the sub sequence number.

RecordID

The expected receipt carton detail identifier is displayed. This field is required

Tpid

The trading partner identifier is displayed. This field is required.

SourceDoc

The source document is displayed, the options are Purchase Order/Work Order/RMA Reference. This field is required .

Packid

The pack ID is displayed. This field is mandatory.

LineNo

The line number is displayed. This field is mandatory

Itemid

The stocking unit identifier is displayed. This field is required.

UOMcode

The unit of measure code for the item is displayed. The UOM code must exist in the unit of measure master. Sample: EA=Each, UN=Unit, CS=Case. This is commonly defined between the trading partners. This field is required.

SerialNo

The serial number is displayed.

Lotid

The lot ID is displayed. This field is mandatory.

RecordAction

The record action number is displayed: 0=Create, 1=Delete, 2=Update/Create or (Null=2). This field is required.

UserDefine 1 - 5

This is used for any data that is not currently mapped to a specific field. This can be configured during implementation time.

Entity

The owner (entity) code is displayed.

R4tpid

The R4 trading partner identifier is displayed. This field is required.