

Aptean

Set-up Guide

WCS - 3.4

30th October 2025 - 7.03 Reference: UG 106181

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1 INTRODUCTION

This document is intended to show the further set-up possibilities on the WCS. This guide should be used by super-users and testing teams during initial set-up. An alphabetical list of all rules and their values is also included.

This document assumes that the installation has taken place (as described in the document WCS Installation Guide) and that set-up has occurred and a connection established in the WMS.

Note: A familiarity is required of the use of the WMS with respect to the WCS (as described in the document RDT Training Guide WMS), as well as a reasonable knowledge of the WCS Maintenance functions (as described in the document WCS Maintenance User Guide). See References for more details of the referred documents



2 Data sent from WMS

There are several tables on the WCS that are used to control basic functions. As this data is available on the WMS as well, drip-feed interfaces have been enabled to send this data from the WMS to the WCS. The following section describes which of these tables are set up like this, and for what purpose the information in used.

2.1 Reason Codes

Reason codes are sent from the WMS to the WCS from a maintenance screen in the WMS. Instructions on how to do this and what is sent are in the WMS Training guide

Reason codes are used in a variety of places in the RDT application, for example when picks are cancelled or short-picked, or damaged or additional pallets are received.

The data stored on the WCS is simply the Reason code itself, along with which company and warehouse the codes are associated.

The data stored on the WCS can be seen by running the Reason Codes Enquiry from the Standing Data menu.

2.2 Pallet Types

Pallet types are sent from the WMS to the WCS from a maintenance screen in the WMS. Instructions on how to do this and what is sent are in the WMS Training guide

Pallet Types are used mainly when entering the details of pallets, for example in goods receipt. Normally, however, the pallet type can be left blank, as the WMS will default the pallet type to that normally received for the stock.

The data stored on the WCS is simply the pallet type itself, along with which company and warehouse the types are associated.

The data stored on the WCS can be seen by running the Pallet Types Enquiry from the Standing Data menu. If a more permanent copy is required, a report can be run from the Reports menu (Pallet Types List)

2.3 Truck Types

Truck Types are sent from the WMS to the WCS from a maintenance screen in the WMS. Instructions on how to do this and what is sent are in the WMS Training guide

Truck Types are used when logging on to the WCS. The type used defines in which areas the driver is allowed.

The data stored on the WCS is simply the truck type itself, along with which company the trucks are associated and whether the truck type is considered intrinsically safe.

The data stored on the WCS can be seen by running the Truck Type Enquiry from the Standing Data menu.

2.4 Location Types/Truck Types

Location types/Truck types are sent from the WMS to the WCS from a maintenance screen in the WMS. Instructions on how to do this and what is sent are in the WMS Training guide

Location types (and their associated truck types) are used in nearly every enquiry in the WCS. Every task, to move a pallet from one point to another, defines which location type the associated location is. The data received from the WMS defines which truck types are allowed access to that particular location. This, coupled with the truck type the RDT user enters at log-on, defines where exactly that user is allowed to operate.



The data stored on the WCS is the location type, with all associated truck types, along with which company and warehouse the types are associated.

The data stored on the WCS can be checked by running the Location Truck Type Checker from the Standing Data menu. This is used by entering the location types you want to check in the appropriate combo boxes in the form, the clicking the 'Check' button. The form will show you all the trucks associated with each location types, and which trucks have access to both.

If a permanent copy of the data is required, a report can be run from the Reports menu (Location Type/Truck Types List).

2.5 Receipt Types

Receipt Types are sent from the WMS to the WCS from a maintenance screen in the WMS. Instructions on how to do this and what is sent are in the WMS Training guide

Receipt types are used only in the goods receipt RDT module, and only if they have been enabled. This allows RDT users to define the receipt type that will be passed back and stored on the WMS.

The data stored on the WCS is simply the receipt type itself, along with which company and warehouse the codes are associated.

The data stored on the WCS can be seen by running the Receipt Types Enquiry from the Standing Data menu.

2.6 Employees

Employees (Users) are sent from the WMS to the WCS from a maintenance screen in the WMS. Instructions on how to do this and what is sent are in the WMS Training guide

Employees are used mainly at log-on on the RDT. They can also be used to authorise events on the RDT, if required. The entered employees are stamped as completing their tasks, and this information is stored on the WMS for analysis later.

The data stored on the WCS consists of elements passed from the WMS and also elements that the WCS requires itself.

The Employees will be set up when received as follows:

- Company Code from WMS
- Warehouse Id from WMS
- Employee Code from WMS
- Employee Name from WMS
- Password None
- Access Type RDT
- Group None

Additionally, one row in this table is created during the initialisation procedure of the database (the user initial admin user ADM is created). This can be seen in the WCS Installation Guide

The data stored on the WCS can be seen by running the Users Maintenance screen from the Standing Data menu. If a more permanent copy is required, a report can be run from the Reports menu (Employees List)

See section 4.1 for details of how to further configure the Employees table.

2.7 Aisles

Aisle codes are sent from the WMS to the WCS from a validation process in the WMS. This depends on some very specific system set-up in both the WMS and WCS. However, if this happens, the aisle data is set up as follows:



- Aisle Code from the WMS tables.
- Availability Y, N or P
- Company code and Warehouse ID.

Aisle codes are used for two main reasons in the WCS:

- To give the closest next task to an operative
- To allow or disallow putaway in certain aisles.

The data sent automatically above accounts for the operation of the second piece of functionality. Other items on the WCS Aisles table control the first piece.

Apart from these parameters, there is also the option to send over extra aisle information if needed from the Aisles Maintenance screen.

This extra information is as follows:

- Aisle Sequence Code
- Linked Aisle Code, Locs In Aisle and High End Access
- PD Out Location, Type, Check Digits and Max Pallets
- PD In Location, Type, Check Digits and Max Pallets

The data stored on the WCS can be seen by running the Aisles Maintenance screen from the Standing Data menu. If a more permanent copy is required, a report can be run from the Reports menu (Aisles/P&D List). This report, however, links more closely into the further configuration of aisles utilising P&D locations (see sections 3.5 and 4.2)

See section 4.2 for details of how to further configure the Aisles table.

2.8 Stock Parameters and Barcodes

Stock configuration and barcode information is sent from the WMS to the WCS from the stock maintenance screen in the WMS and from EDI.

When stock codes are added or changed and updated, the messages are sent to the WCS. These are not visible within the WCS Maintenance program.

The data sent includes validation items and barcode information, as follows:

Item	Type	Length	Description
Owner Code	Text	3	Owner Code
Stock Code	Text	20	Stock Code
Description	Text	40	Description, for display
Standard Pallet Qty	Long Integer	4	For validation in Goods Receipt and Stock Take
Layer Qty	Long Integer	4	For layer quantity entry in Goods Receipt
Shelf Life	Long Integer	4	For validation of sell-by dates in Goods Receipt and Stock Take
Manu Date Required	Text		Whether the stock requires Manufacture dates to be entered. Used in Goods Receipt and Stock Take.
Sell By Date Required	Text		Whether the stock requires Sell-by dates to be entered. Used in Goods Receipt and Stock Take.
	Text	1	



Item	Туре	Length	Description
Cust Batch Required			Whether the stock requires Customer Batches to be entered. Used in Goods Receipt and Stock Take.
Seals Required	Text		Whether the stock requires a seal to be entered at Goods Receipt. (Bespoke. Oracle Only.)
Hazardous	Text		Whether the stock is hazardous. Used in Shipment Pallet functionality. (Bespoke. Oracle Only.)
Chill	Text	11	Whether the stock is chill. Used in Shipment Pallet functionality. (Bespoke. Oracle Only.)
Factor_1_2	Long Integer		The factor used by WMS to determine the number of units in a case, usually. Used for Multi UOM functionality. (C-ISAM only)
Factor_2_3	Long Integer		The factor used by WMS to determine the number of cases on a pallet, usually. Used for Multi UOM functionality. (C-ISAM only)
Description 2	Text	30	Second description line, for display
Pack Size	Text	10	Pack Size, for display

The barcode information is used to determine the elements within a barcode that can be scanned for identification of the stock code. This is usually EAN codes and UCC-EAN codes. When set up in the WMS, this information is sent through to the WCS.



3 WCS Internal Data

Further information is required by the WCS to run. This data is not available from the WMS and must be set up on the WCS itself. This section shows the data that needs to be entered directly.

In all these cases, further details on how to use this screen can be found in the WCSM Users Guide, referenced in 4.2

3.1 Groups

This table is used to configure the options individual users can have when accessing RDT or Maintenance functions.

One row in this table is created during the initialisation procedure of the database (the group ADM is created when the initial admin user is created). This can be seen in the WCS Installation Guide

The data can be seen and modified from the Groups Maintenance screen, found on the Standing Data menu.

Users are partially maintained by the WMS, sending data records when an employee is added or deleted. You can add system settings to a user, using the Group ID reference field. This links to records you can maintain in this screen.

The group contains switches to show which users are allowed to use which functions. As such, the screen allows you to enter a unique group id, and a description of the group. You are then given a list of all available functions on the WCS and RDTs. Simply click which functions you require from one list to the other.

The RDT items that can be set up (and their descriptions) are:

Name	Description
Enable RDT Receipt	Allow Blind (Stock level) and Check (Pallet level) Goods Receipt.
Enable RDT Putaway	Allow Full-Pallet Putaway.
Enable RDT Pallet Move	Allow the user to complete Full-Pallet Movements generated from the WMS.
Enable RDT Ad Hoc Move	Allow instigation of a housekeeping Move from the RDT.
Enable RDT Picking	Allow the user to complete Full-pallet Picks.
Enable RDT Part Picking	Allow the user to complete Case and Unit picks from the RDT.
Enable RDT Stock Take	Allow Full (Blind) and Partial (Check) Stock Check.
Enable RDT Bulk PI	Allow Perpetual Inventory (ad hoc stock check).
Enable RDT Shipment Pallet Building	Allow Shipment Pallet Building. Bespoke.
Enable RDT Shipment Pallet Despatch	Allow Shipment Pallet Despatch. Bespoke.
Enable RDT Shipment Pallet Moves	Allow Shipment Pallet Moves. Bespoke.
Enable RDT Pallet Enquiry	Allow the RDT user to enquire on the contents of a pallet from the WMS.
Enable RDT Location Enquiry	Allow the RDT user to enquire on the contents of a location from the WMS.
Enable RDT Move Enquiry	Allow the RDT to see where a pallet is going.
Enable RDT Move Select	Allow cherry-picking of an individual Move task.
Enable RDT Select Replenishment	Allow Select Replenishment. Bespoke.
Enable RDT Replenishment	Allow completion (and/or generation) of a Replenishment. Bespoke.
Enable RDT Stock Move	Allow Stock Moves (request replenishment of pick face). Bespoke.
Enable RDT Ad Hoc Putaway	Allow Ad Hoc Putaway for shelving locations. Bespoke.
Enable RDT Receipt Serial No Scanning	Allow entering serial numbers for received items. Bespoke.
Enable RDT Despatch Serial No Scanning	Allow entering serial numbers for picked items. Bespoke.
Enable RDT Loading	Allow Loading ojnto a vehicle.
Enable RDT Reject Spur	



Name	Description
	Allow Reject Spur Processing. Bespoke to automated conveyor and P&D systems. Bespoke.
Enable RDT Cherry Picking	Choose an order to pick from
Enable RDT Combined Split	Bespoke: Ad hoc movements of small quantities of stock to other locations
Enable RDT Stock Enquiry	Bespoke: Enquire on Stock code
Enable RDT Mail	Allow receipt of messages from Maintenance administrators. (Generally, this should always be enabled).
Enable RDT Reposition	Allow a task to be repositioned to a different destination location.
Enable RDT Cancellation	Allow Moves and Picks to be cancelled, causing the reversion of data on the WMS.
Enable RDT Damages	Allow Damage quantity entry during Goods Receipt.
Enable RDT Receive Additional Pallets	Allow receipt of extra pallets in Check Goods Receipt.
Enable RDT Pick Location Error	Allow a Pick to be cancelled at the initial location stage (for example, if the pick face is unavailable).
Enable RDT Continuous Part Picking	Is this module enabled by default for RDT users?
Enable RDT DC Aisles	when using Dual Cycling (Interleaving) in Narrow Aisles, allow RDT user to select range of aisles to operate in.
Enable RDT Marshall	Not Yet Implemented.
User Select Pick Location	Is the user allowed to specify the location from which picking to start?
Enable RDT Deconsolidation	Allow deconsolidation of consolidated orders.
Enable RDT Despatch	Allow despatch of deconsolidated orders.
Enable RDT Weighing	Allow the RDT user to Weight Shipment Packages.
Enable RDT Daily Cycle Check	The Daily Cycle Check functionality will be available to the users if this rule is enabled
Enable RDT Part Replenishments	Allow completion of Part Replenishment tasks
Trolley IDs	Allow loading of orders into trolleys
Pre-Receipt Sort (Bespoke)	Allow Pre-Receipt Sortation (Bespoke)
Blind Receipt (Bespoke)	Allow pallets to be received and putaway at the same time (Bespoke)
Blind Return (Bespoke)	Allow pallets to be returned and putaway at the same time (Bespoke)
Enable RDT Stock Adjustment	Enable RDT users to perform Adhoc adjustments (ORA Only)
Ad Hoc Stock Move	Allow Ad Hoc Stock Movements via RF
Enable Stock Transfers	Allow completion of Stock Transfer tasks
Enable Packing	Allow the RDT user to pack orders
Enable Stock Putaway	Allow the RDT user to Stock Putaway
Ad Hoc Location Move	Allow Ad Hoc Location Movements via RF
Update CPID	Allow the user to update the customer pallet id value. Bespoke
Picking Container Adjustment	Allow the user to adjust Picking Containers. Bespoke

The Admin items that can be set up (and their descriptions) are:

Name	Description
Enable Admin Change Warehouse	Allows the user to change the default warehouse they can see
TENANIE AOMIN COMMS	Allows the user full access to the RDT Comms menu. If this is enabled, the following option need not be.
Enable Admin Comms Enquiry	Allows the user Enquiry-only access to the top 2 items on the RDT Comms menu.
Enable Admin Logs	Allows the user access to the Logs Enquiry screens in the System Tools menu
Enable Admin Report	Allows the user access to the Reports menu
	Allows the user access to the System Settings option on the System Tools menu. NOTE: This option should only be enabled for super-users, and even then should only be enabled sparingly.
	Allows the user full access to all items on the Standing Data menu. If this is enabled, the following option need not be. NOTE: This option will allow users to see other users' passwords, and should therefore be limited only to those users who require it.
	Allows the user access to the Enquiry screens only on the Standing Data menu



Name	Description
Enable Admin Standing Data Enquiry	
Enable Admin Task Edit	Allows the user full access to all the screens on the Tasks menu. If this is enabled, the following option need not be.
Enable Admin Task Enquiry	Allows the user access to all the screens on the Tasks menu, but for enquiry purposes only.
Enable Admin Utilities Clear Out	Allows the user access to the Clear-Out options on the System Tools menu. NOTE: This should only be available for super-users.
Enable Admin Utilities DB Utils	Allows the user access to the Database Utilities options on the System Tools menu (this is currently being phased out).
Enable Admin Utilities Repair and Compact	Allows the user access to the Compact Database option on the System Tools menu.
OBS Menu	Controls access to the OBS Support Menu

3.2 System Parameters

The values in this table are created during the initialisation procedure of the database. This can be seen in the WCS Installation Guide

Configuration items are grouped into 4 sections. Each is described in detail in the following sections.

3.2.1 Rules

3.2.1.1 WCS Settings

This allows you to modify the communication settings of the WCS, plus settings which directly affect how the system communicates.

Note 1: Changing these settings may affect the running of the WCS server. If you are not sure of the consequences of your actions, telephone the support team.

Note 2: These settings will be enabled during system configuration and in normal circumstances should never be changed. Changes to WCS configuration settings will not take place until after the next stop and start of the WCS Server process.

Settings common to both connection systems (C-ISAM and Oracle) that may be modified are:

Name	Description
Default Company Code	This is the default company code that the RDT will log on to.
Delete Records	When this option is checked, completed tasks are deleted from the WCS database. All logging is still in place. When un-checked, the completed tasks are marked for deletion by the cleardown process.
Enable Hold Priority	This allows the lowest priority in the WCS to be used as a Held status. When this option is checked, and tasks on priority 9 will not be allocated to RDTs to complete. To release the tasks, re-prioritise the task to a higher level.
RDT Wait Time	This is the amount of time that the RDT will wait before re-trying communications.
Window Caption	This field changes the displayed name of the WCS Server process, when running. This is useful when running multiple systems on one site or one server.
RDT_WCS LocalPort	This is the port that the WCS listens to for communications from RDTs.
	WCS Logging database - When this option is checked, you will be prompted to enter a location for the logging database. THIS OPTION MUST NOT BE CHANGED IF THE WCS SERVER IS RUNNING. When this is done, the logging files in the normal database are no longer used - a new database will be created in the defined area and the WCS server will begin all logging to this database instead. All options in the WCS that use these logging files will now use the new database instead. The logging files are: Error log;



Name	Description
	Incoming log; Outgoing log; RDT Activities and; Exceptions.
WMS System	Version of WMS that the WCS is connecting to.

If the system is connecting using socket connections, the following details can be modified:

Name	Description
WMS HostName	This is the IP address or host/DNS name of the WMS machine.
WMS_WCS LocalPort	This is the port that the WCS listens to for communications from the WMS.
WCS_WMS RemotePort	This is the port that the WMS listens to for communications from the WCS.
WMS to WCS Try Limit	This is the amount of times the WCS will try to send a message to the WMS, if the message has been refused, before logging the error and trying the next.
Use Dummy Checksum	Used to terminate the interface messages with a dummy checksum value (??)
Connection Logging	Level of logging for System Connections (OBS USE ONLY)

If the system being linked to is using Oracle Advanced Queues, the following options will be available:

Name	Description
Ora Database	The database the WCS connects to for the messages.
Ora User	The username for the connection to the Oracle database
Ora Password	The password of the user for the connection to the Oracle database.
Ora Incoming Queue Name	The Oracle queue on which Incoming messages are stored. Outgoing messages are stored by messages type on the queues defined in the table ORA Type Queues.
Queue Listener Agent	The Oracle agent defines which messages to take from the Oracle database queues, and what Agent to write them as. Each instance of the WCS has a unique Agent name, usually per warehouse.
Ora Priority Incoming Queue	The Oracle queue on which high priority messages are stored.

There are also settings for links to an FTP Server. This is a bespoke modification, for the connection to a batch delivery system. The settings are:

Name	Description
Flat File FTP Server	Bespoke: The server where flat files are sent.
Flat File FTP User	Bespoke: The user for logging into the FTP server.
Flat File FTP Password	Bespoke: The password for logging into the FTP server.
Flat File FTP Location	Bespoke: The location where files are to be found on the FTP server.
Flat File Location	Bespoke: The location where files are to be located on the FTP server.

There are also settings for the RDT client. These settings are:

Name	Description
RDT Wait Time	This is the amount of time that the RDT application will wait before re-trying communications to the WCS.
DDT Boy	What style of box-drawing the RDT's connected to this WCS will use.
	Whether the RDT's connected to this system log messages sent to and received from the server, for diagnostic purposes.
Potry Count	When the RDT application encounters a non-fatal Wavelink error this number specifies how many times it will retry before bombing out. A value set too low could result in application failures where they would normally be recoverable. CHANGE WITH CAUTION.

3.2.1.2 Admin Defaults

If a user hasn't been assigned a Group, they have access to Admin functions in the way set up here.

The Admin items that can be set up (and their descriptions) are:



Name	Description
Enable Admin Change Warehouse	Allows the user to change the default warehouse they can see
Enable Admin Comms	Allows the user full access to the RDT Comms menu. If this is enabled, the following option need not be.
Enable Admin Comms Enquiry	Allows the user Enquiry-only access to the top 2 items on the RDT Comms menu.
Enable Admin Logs	Allows the user access to the Logs Enquiry screens in the System Tools menu
Enable Admin Report	Allows the user access to the Reports menu
Enable Admin Settings System	Allows the user access to the System Settings option on the System Tools menu. NOTE: This option should only be enabled for super-users, and even then should only be enabled sparingly.
Enable Admin Standing Data	Allows the user full access to all items on the Standing Data menu. If this is enabled, the following option need not be. NOTE: This option will allow users to see other users's passwords, and should therefore be limited only to those users who require it.
Enable Admin Standing Data Enquiry	Allows the user access to the Enquiry screens only on the Standing Data menu
Enable Admin Task Edit	Allows the user full access to all the screens on the Tasks menu. If this is enabled, the following option need not be.
Enable Admin Task Enquiry	Allows the user access to all the screens on the Tasks menu, but for enquiry purposes only.
Enable Admin Utilities Clear Out	Allows the user access to the Clear-Out options on the System Tools menu. NOTE: This should only be available for super-users.
Enable Admin Utilities DB Utils	Allows the user access to the Database Utilities options on the System Tools menu (this is currently being phased out).
Enable Admin Utilities Repair and Compact	Allows the user access to the Compact Database option on the System Tools menu.
OBS Menu	Controls access to the OBS Support Menu

3.2.2 Bespoke

This is bespoke functionality and should only be enabled by your Aptean system implementation team.

Name	Description
Regroup Order by Stock	Allow WCS Maintenance users to re-group an order's picks by the number of stock picks on the order, then by location.
Dummy Loc Enq Location	Controls whether the WCS sends a dummy location enquiry to the WMS
Dummy Loc Enq Duration	Sets the duration of time in minutes without a message before a dummy location enquiry is sent to the WMS. Default is 30 min.
Dummy Loc Timer Duration	Sets the duration of time for the dummy location check in minutes. Default is every 2 min.
Dummy Loc Trigger	Controls the trigger checks of the dummy location enquiry to the WMS. Default is Incoming only.
Priority Change Audit	Controls whether an Exceptions record is created to capture when a user changes the priority of a task

3.2.3 Message Types

This tab allows the user to maintain remote queue names for connection to the Oracle WMS. These are not required if the user is running the WCS connected to the C-ISAM WMS.

3.2.4 Maintenance Settings

This tab controls settings that affect the operation of the WCS Maintenance program directly.

Name	Description
Default Criteria	This is the folder where criteria files for the selection of data in certain screens are held. More
Templates Folder	details on these reprioritisation screens can be found in the WCSM User Guide
Default Report Files	This is the folder where the reports run from the Maintenance program are held. These can be
Folder	local or remote.



Name	Description
Default Reports Folder	This is the default folder where the output from reports (if requested) is saved.
RACANT FILAS	This is a simple list of the databases opened recently. A button (Clear List) can be clicked to remove all these files from the list.
Show File List at Startup	This controls whether the file list is shown on start-up, or a simple file browser.

3.2.5 Clear Down

These parameters control how data is cleared from the WCS database.

Name	Description
Location of Log Files	This specifies where the log archive is kept. The Log archive is the area where cleared data is stored.
Clear Database	If checked, any data older than the period entered is removed from the current database and placed in a new archive database.
Clear Log Archive	If checked, and log archives stored are deleted if they are older than the period specified.
Clear Exceptions	If checked, any exceptions older than the period specified is removed from the current database and placed in a new archive database.
Clear Activities	If checked, any Activities records older than the period specified is removed from the current database and placed in a new archive database.
Clear Deleted Records	If checked, any records marked for deletion older than the period specified are removed from the current database and placed in a new archive database. See section 3.2.1.1 for details of how data can be marked for deletion.
Clear Incoming Log / Outgoing Log /Clear Error Log	If checked, any interface log records older than the period specified are removed from the current database and placed in a new archive database.

These settings should be enabled on the WCS Server PC only, as this is the place where any scheduled cleardown procedure would be run from.

3.3 Warehouses

The values in this table are created during the initialisation procedure of the database. This can be seen in the WCS Installation Guide

Note: The values in this section govern how the WCS Server and RDT processes work. Generally, these items have been set up for you in the way that is most conducive to the way you operate in the warehouse. These values should not be changed unless you know how these will change the way the system operates. Changing the values may not have an immediate effect on the operation of the WCS. The safest way to change parameters is to log out all RDTs, the stop the WCS Server before making the changes.

Barcode configuration for the warehouse is available from a button on the form. Configuration items are grouped into seven sections. Each of the above is described in detail in the following sections.

3.3.1 General

This tab controls the basic operation of the warehouse selected.

Name	Description
Action Password	The password required when RDT functions are password-protected
Aisle Length	The length of the Aisle portion of the Location code.
Bay Length	The length of the Bay portion of the Location code
Level Length	The length of the Level portion of the Location code.
Task Identifier	How the RDT identifies pallets in the warehouse. Normally, this would be set to 'By System Pallet'.
Check Digits?	Whether and how check digits are used on the locations in the warehouse.



Name	Description
Move Efficient	How tasks are assigned to RDT users. This defaults to 'By Priority' and may only be altered if no stock or pallet ID's are used in the pick face.
Block Stack	Whether pallet exchanges operate in the warehouse. Should only be enabled if the warehouse contains Block Stack, Drive-in or Multi-deep locations.
Exchange Replen	If the Warehouse is Block Stack, allow Replens to be exchanged as well. NOTE: This should only be enabled if no stock or pallet ID's are used in the pick face.
Allow Task Exchange	WCS checks for outstanding tasks to give to the user before asking WMS whether the pallet is available for exchange
Seamless Exchange	If this rule is set, the RDT will check whether an exchange can be done immediately, without requiring the user to press the Error function key first.
Mixed Stock	whether pallets are allowed to have mixed stock on them in the warehouse.
WCS Generate Replenishment	Controls whether the WCS generates the replenishment from Select Replen. For Calidus 3pl, this should always be enabled.
RDT Pop Up Description	Whether the RDT automatically pops up the stock description in the main RDT modules.
Enable RDT Measure Qty	Allow Measure Quantity to be entered on the RDT
Enable RDT Weights	Allow Weight to be entered on the RDT
Enable Multi UOM processing	Whether the WCS deals with multiple UOMs
Pallet Enquiry Print Labels	Controls if pallet label can be printed from a pallet enquiry
Pallet Enquiry Label Format	Format of pallet enquiry label
Vendor Managed Inventory	If this flag is enabled, supplier will be displayed and entered during standard rf modules
Display UOM	Display UOM on RDT when user prompted to enter a quantity value.
Zero Negative Quantities	Zero negative values on enquiries. Default Enabled

3.3.2 RDT Modules

For all users that haven't been assigned to a Group, this section configures the options these users can have when accessing RDT or Maintenance functions.

The RDT modules that can be set up (and their descriptions) are:

Name	Description
Enable RDT Receipt	Allow Blind (Stock level) and Check (Pallet level) Goods Receipt.
Enable RDT Putaway	Allow Full-Pallet Putaway.
Enable RDT Pallet Move	Allow the user to complete Full-Pallet Movements generated from the WMS.
Enable RDT Ad Hoc Move	Allow instigation of a housekeeping Move from the RDT.
Enable RDT Picking	Allow the user to complete Full-pallet Picks.
Enable RDT Part Picking	Allow the user to complete Case and Unit picks from the RDT.
Enable RDT Stock Take	Allow Full (Blind) and Partial (Check) Stock Check.
Enable RDT Bulk PI	Allow Perpetual Inventory (ad hoc stock check).
Enable RDT Shipment Pallet Building	Allow Shipment Pallet Building. Bespoke.
Enable RDT Shipment Pallet Despatch	Allow Shipment Pallet Despatch. Bespoke.
Enable RDT Shipment Pallet Moves	Allow Shipment Pallet Moves. Bespoke.
Enable RDT Pallet Enquiry	Allow the RDT user to enquire on the contents of a pallet from the WMS.
Enable RDT Location Enquiry	Allow the RDT user to enquire on the contents of a location from the WMS.
Enable RDT Move Enquiry	Allow the RDT to see where a pallet is going.
Enable RDT Move Select	Allow cherry-picking of an individual Move task.
Enable RDT Select Replenishment	Allow Select Replenishment. Bespoke.
Enable RDT Replenishment	Allow completion (and/or generation) of a Replenishment. Bespoke.



Name	Description
Enable RDT Stock Move	Allow Stock Moves (request replenishment of pick face). Bespoke.
Enable RDT Ad Hoc Putaway	Allow Ad Hoc Putaway for shelving locations. Bespoke.
Enable RDT Receipt Serial No Scanning	Allow entering serial numbers for received items. Bespoke.
Enable RDT Despatch Serial No Scanning	Allow entering serial numbers for picked items. Bespoke.
Enable RDT Loading	Allow Loading ojnto a vehicle.
Enable RDT Reject Spur	Allow Reject Spur Processing. Bespoke to automated conveyor and P&D systems. Bespoke.
Enable RDT Cherry Picking	Choose an order to pick from
Enable RDT Combined Split	Bespoke: Ad hoc movements of small quantities of stock to other locations
Enable RDT Stock Enquiry	Bespoke: Enquire on Stock code
Enable RDT Mail	Allow receipt of messages from Maintenance administrators. (Generally, this should always be enabled).
Enable RDT Marshall	Not Yet Implemented.
Enable RDT Deconsolidation	Allow deconsolidation of consolidated orders.
Enable RDT Despatch	Allow despatch of deconsolidated orders.
Enable RDT Weighing	Allow the RDT user to Weight Shipment Packages.
Enable RDT Part Replenishments	Allow completion of Part Replenishment tasks
Enable RDT Stock Adjustment	Enable RDT users to perform Adhoc adjustments (ORA Only)
Trolley IDs	Allow loading of orders into trolleys
Pre-Receipt Sort (Bespoke)	Allow Pre-Receipt Sortation (Bespoke)
Blind Receipt (Bespoke)	Allow pallets to be received and putaway at the same time (Bespoke)
Blind Return (Bespoke)	Allow pallets to be returned and putaway at the same time (Bespoke)
Ad Hoc Stock Move	Allow Ad Hoc Stock Movements via RF
Enable Stock Transfers	Allow completion of Stock Transfer tasks
Enable Packing	Allow the RDT user to pack orders
Enable Stock Putaway	Allow the RDT user to Stock Putaway
Ad Hoc Location Move	Allow Ad Hoc Location Movements via RF
Update CPID	Allow the user to update the customer pallet id value. Bespoke
Picking Container Adjustment	Allow the user to adjust Picking Containers. Bespoke
2 2 2 Deceipt	

3.3.3 Receipt

The parameters on this tab control how receipt works on the RDT.

Name	Description
Receipt Type	How the RDT actions the Receipt process - either Blind (stock-level advice) or Check (Pallet-level advice)
Selection Type	How to find the receipt on the RDT - via Advice Note or GRN no.
Damages	Allow Damage quantity entry during Goods Receipt
Enter WMS Rotation	Allow the user to enter Rotation during Goods Receipt
Default Pallet Type	during Goods Receipt, whether the RDT user is prompted for a valid Pallet Type at the start of the receipt. This will then be the default for all pallets subsequently received during that session for that user. Without this item being enabled, pressing 'RETURN' in the pallet type field against a received pallet will tell WMS to default to its Default Pallet Type.
Enter Receipt Type	Allow the user to enter the receipt type in RDT Goods Receipt
RDT Echo Putaway Location	If enabled, this parameter makes the RDT Receiving process display the suggested putaway location after successfully receiving a pallet.
Print Labels	Controls where/if pallet labels are printed during the receipt process
WCS Receipt Label Format	Format of the receipt label printed, if printed from the WCS.
Additional Pallets	Allow additional pallets to be received during the RDT receipt process
Single Scan Entry for Additional Pallets	Allow users to scan single barcode for entry of some required elements for adding additional pallets



Name	Description
Receipt	
Non-advised Stock Codes	Is the user allowed to receive stock codes that have not been preadvised for that receipt?
Receipt Pallet Count Check	If the number of pallets on a received stock item exceeds that preadvised, this parameter details the action the RDT is to take.
Receipt Total Qty Stock Check	If the quantity of a stock item exceeds the total preadvised, this parameter details the action the RDT is to take.
Receipt Pallet Qty Check (Pallet)	If the pallet quantity for a stock item is different to the pallet quantity preadvised, this parameter details the action the RDT is to take. Only for preadvices at a pallet level.
Receipt Standard	If the pallet quantity for a stock item is different to the standard pallet quantity, this parameter details the action the RDT is to take. Only for preadvices at stock level.
Enter Eurodate	Bespoke: Enter Eurodate rather than Manufacture Date
Enter Layers	Enter Layers and Bits at Goods Receipt
Enable Pack Size Entry	If this rule is enabled, pack size will be prompted for when entering pallet details for impression stock
Receipt	If the impressions quantity for a stock item is different to the impressions quantity preadvised, this parameter details the action the RDT is to take. Only for preadvices at pallet level.
Purchase Order Entry	Enable Purchase Order entry during RF goods receipt, if the receipt contains lines from multiple Purchase Orders.
Close GRN	Allow RDT users to close GRNs at the end of the receipt process, by asking them to confirm that the GRN is now complete.
Cross Docking	Is cross-docking enabled for this operation?
Enter Delivery Reference	Allow the user to enter a delivery reference in RDT Goods Receipt.
Change Damage Qty	If Damaged Pallet Receipt is allowed, is the quantity allowed to be changed from the full pallet quantity? Note: This functionality is supported in the Oracle WMS only.
Enter Putaway Location	Allow users to receive and putaway items in a single process
Receipt Expected Quantity Check	If enabled, this parameter makes the RDT compare the received quantity entered with the expected quantity pre-advised
	If enabled, this rule allows users to determine whether the WMS generates a customer pallet id value.
Weight Volume Check	Check stock dimensions and weight are populated during Goods Receipt.
Enter Vintage	Controls whether the Goods Receipt module prompts for a vintage value
Redundant Stock Check	If enabled, products marked as redundant are rejected when scanned at receipt
Temperature Recording	Controls whether Temperature Recording is required at Pre-Advice
Receipt Intake Stock Check	Controls Issue Life Check at Receipt
Allow Receipt Detail Backout	Controls whether user can back out of Receipt Detail
Latest Sell By Date Check	Controls whether input of SellByDate is checked against latest date
Minimum Pallet ID Length	Controls the minimum length of SSCC entered in Receipt
Customer Pallet Validation	Controls whether an enquiry message is sent to the WMS to validate if a customer pallet value can be received
Goods Receipt Vehicle Checks	Controls whether an enquiry message is sent to the WMS to validate if a GRN has been Vehicle Checked
Capture EAN	Controls whether users are allowed to enter EAN values for a stock code
Blind Receipt Data Format	Controls what the RDT displays in the Blind Receipt/Return modules when displaying the pallet details
Capture Original SSCC	Controls whether the Goods Receipt module prompts the user to enter the original SSCC value when generating a new SSCC value.



3.3.4 Putaway

The parameters on this tab control how putaway works on the RDT.

Name	Description	
Multi-Pallet Putaway	Allow several pallets to be picked up during putaway	
Extended Reposition Validation	Whether the WCS performs extended checks when a reposition location is chosen.	
Request Putaway Details at Scan	Require the WMS to decide on a putaway location at the time of putaway scan, rather than at receipt	
RDT Reposition	Allow reposition on the RDTs? This option can be over-ridden by the Group setting	
RDT Cancellation	Allow cancellation on the RDTs? This option can be over-ridden by the Group setting	
Print Part Replen Labels	Whether the RDT attempts to print labels for Part Replenishments	
Part Replen Label Format	Format of the Part Replen label	
Display Ad Hoc Putaway Locations	If enabled, this parameter ensures a location enquiry is sent to the WMS from Ad Hoc Putaway to find location assigned to the stock code	
Print Ad Hoc Putaway Labels	Whether the RDT attempts to print labels for Ad Hoc Putaways	
Ad Hoc Putaway Label Format	Format of the Ad Hoc Putaway label	
Ad Hoc Putaway Case Scan	Controls whether the Ad Hoc Putaway module requires case scanning or accepts quantity entry	
Print Ad Hoc Stock Move Labels	Controls whether the Ad Hoc Stock Move module prompts the user to print a label	
Ad Hoc Stock Move Label Format	Format of the Ad Hoc Stock Move Label	
Select Stock Move by Stock	Allow selection of stock moves by Stock before Pallet	
Default Ad Hoc Pallet Move Reason	Controls the default reason code value for use with the Ad Hoc Pallet Move module	
Multiple Putaway Tasks Prompt	Controls whether the RDT prompts the user to complete one or all of the putaway tasks when multiple putaway tasks exist for the customer pallet id	
Ad Hoc Pallet Move Reason Prompt	Controls whether a reason code value is prompted within the Ad Hoc Pallet Move module	
Ad Hoc Pallet Move Change Pallet Type	Controls whether the user is allowed to change the pallet type within the Ad Hoc Pallet Move module	
Ad Hoc Pallet Move Suggest Location	Controls whether the WCS request a suggested location from the WMS within the Ad Hoc Pallet Move module	

3.3.5 Picking/Post-Picking Activities

These parameters control how the RDT acts during the picking modules. Also, some of these flags control how the WCS receives picking tasks, and how it assigns them to RDT users.

Name	Description
Pick By	Controls what the RDT prompts for as confirmation that the correct item has been found for picking
Continuous Part Picking	When part picking, asks the user whether they want to continue part picking (i.e. build a despatch pallet from several pick lines).
Pick Into Containers	Controls whether RDT Part Picking prompts for Picking Container IDs
Lost Label	Controls whether a user is allowed to identify a pallet during picking from its stock information (stock code, batch, etc) rather than entering the pallet ID
Pick Location Error	Allow the RDT picker to cancel an pick at the point of confirming the location code.
Residual Stock Balance Enquiry Controls whether the RDT user is prompted to enter the amount of remaining stock in the face after a part pick. The WCS requests the WMS to find the current quantity of stock in pick face.	
Use WMS Rotation	If this rule is set, wherever Customer Batch is displayed or entered during Picking or Deconsolidation, the RDT will display or request the entry of WMS Rotation instead.
Picker Replens	Allow pickers to perform their own replens at the point of picking the part picks.
Pick Dependencies Ensure part picks are not released for picking until any outstanding replenishment has be completed first	



Name	Description			
Replen Dependencies	This rule controls whether the number of replenishment moves into a pick face are limited. Also, that the replen associated with the highest priority pick is released first, whilst all others are held.			
Pick In Sequence	If picks have been placed on a Load, what sequence should orders be released for picking?			
Pick Page Allocation	This controls how the WCS allocates picks to pickers.			
Concurrent Picking	Allow loads to be picked concurrently with other loads, when picking by aisle. This stops new loads being started by pickers until the current load has been fully allocated to pickers.			
Lock Pick Header	Lock the picking header record for full pallet picking/load building			
Consolidation Group	For Consolidated picking: How to create groups of picks.			
Force Sky Picking	Are part pick tasks from bulk treated as sky picks?			
Print Despatch Labels	Whether the RDT attempts to print despatch labels for picked stock.			
WCS Despatch Label	Format of the despatch label			
Pick Label Prompt	Where should pick labels be prompted for?			
User Select Pick Location	Is the user allowed to specify the location from which picking to start?			
	Whether Deconsolidation tasks are processed by the WCS			
	Are deconsolidation tasks sequenced manually or by the system?			
Loading Method Loading Selection Type	Loading Method in use for the warehouse Controls whether the RDT initially asks the user to load stock by Route/Load or Order Number. This can be changed by the user when loading.			
PC Generation Algorithm	Algorithm to generate Picking Containers			
PC Prefix	Prefix for automatically-generated Picking Container			
Weigh Shipment Package	Allow the entry and validation of the Catch Weight during the Shipment Pallet Building proce			
Ship Pack Weight Check	If a weight entered during the Shipment Package Weight function is outside the tolerance value, what action should the RDT take?			
Weight Tolerance	If weights are being checked by the Shipment Package functions, what tolerance is allowed (plus or minus, in kilograms)?			
Display Order Summary	Defines when the order summary screen is displayed on the RDT during part picking.			
Load before Pick Confirmation	Controls whether the WCS will allow loading to be done before the entire order has been Pick Confirmed in the WMS			
Log Postponement	Whether pick postponements are recorded in the Exceptions Log			
Pick for On-time Delivery	If enabled, this rule will ensure that picks are assigned to pickers in Priority, then OTD Date and Time sequence			
Split Pick Quantities	If enabled, allows large picks to be split into more than one pack			
	If enabled, allows creation of several containers in sequence			
Num Picks before RSBE	The number of picks to elapse between residual stock balance enquiries			
Choose Marshalling Location	Allow the pickers to choose a marshalling location when taking a picked pallet to marshalling			
Cherry Picking Selection Type	Controls how Cherry Picked tasks are assigned to users			
Default Short Pick Reason	Default reason code for short and zero picks (Bespoke)			
Force Source Confirmation	Force the confirmation of the source picking location for each pick even if it is the same as the previous pick.			
Full Pick Despatch Labels	If disabled, Despatch labels will not be printed for full pallet picks.			
Authorise Pick Shortage	When enabled, this rule will ensure that, when part picks are cancelled or otherwise have their quantity changed, the user will be forced to obtain supervisor authorisation before continuing.			
Calculate Packs	If enabled, the Pick Information screen displayed initially in the Part Picking module will display the required cartons for the volume of picks			
Enhanced Pick Exchange	Allow pick exchanges from different locations and for part pallet pick tasks			
Add Miscellaneous Charges	Allow users to add miscellaneous charges to orders			



Name	Description	
Shipment Pallet Build Validation	Controls what validation is followed when assigning shipment packages onto shipment pallets	
Always Display Order	If enabled, the full pick screen will always display order number rather than route/load	
Combined Part Pick Sequence	Controls whether full pallet picks are assigned to the RDT before part pallet picks when using he Part Picking module	
Additional Pick Sequence	Controls whether additional conditions are required for sequencing pick tasks	
Marshalling Method	Controls whether orders are to be marshalled or not	
Additional Pick Instructions	Controls whether RDT users can view the additional pick instructions	
Print Stock Despatch Label	Controls whether the Part Picking module allows stock level despatch labels to be produced	
WCS Stock Despatch Label Format	Format of the stock despatch label	
Single Picker Per Order	Assign related picks to user on first pick. Default Disabled	
Pick Catch Weight Per Case	Controls whether Catch Weights are entered at Case instead of Stock/Pick level. Default Disabled.	
Check Duplicate Serial Numbers	Controls whether Duplicate serials are checked during Pick. Default Disabled.	
Pick By Order	Controls whether a picker is locked to task for a single order	
Full Pallet Task Exchange	Controls whether Full Pallet TASK exchange is allowed between orders	
Use WMS Pick Sequence	Controls whether pick tasks are assigned to a picker in WMS location pick sequence order	
Display Multi UOM	Controls the display of Multiple UOM Descriptions when entering Pick Quantity	
Largest Task Next Sequence	Set the sequence of picks after selection by Largest Qty	
Check EAN on Case Serial	Controls whether an error is issued if an EAN barcode is scanned as a serial number	
Serial Minimum Length	Controls the minimum length of a scanned case serial number in Picking. Default 0 (disabled)	
Serial Maximum Length	Controls the maximum length of a scanned case serial number in Picking. Default 0 (disabled)	
Default Pick Exchange Reason	Controls the default reason code value for use with pick exchanges	
Enter Despatch Pallet Type	Controls whether pickers are prompted to enter the pallet being picked or picked onto	
Part Pick Pallet Count	Controls whether Part Picking prompts users to enter a pallet count	
2.2.6 Dual Cyalina		

3.3.6 Dual Cycling

This section controls how the RDT is allocated DC tasks, and how the RDT responds to the user requests.

Name	Description
Enable Dual Cycling	If this is enabled, the RDT logon procedure allows users to choose whether they work in Bulk (NA areas) or not. Depending on this choice, the RDT displays Dual Cycling options for the users.
NADC Crossover Method	The method by which the RDT NA drivers are moved to another aisle in their range during Dual Cycling.
	If using the Threshold crossover method, this parameter details the level at which tasks are considered urgent, to be actioned immediately.
Send Aisle Status to WMS	For NA areas: Inform the WMS that the aisle has a truck in it.
NADC Aisle Lock	The point at which an aisle is locked to prevent other RDTs using the aisle
	If using Dual Cycling, this parameter controls whether the user is allowed to select a range of Aisles in which to work, or simply accept the default aisle range entered against the user.
NADC Skip Putaway	Allow full NADC users to skip putaways in aisles, and do the next pick immediately.
	Whilst calculating the priority of moves within an aisle, exclude moves which cannot currently be completed, due to blocked P&D locations.
Exclude Source to Dest	Ensures WA DC (interleaving) focuses more on emptying P&D locations rather than



Name	Description
moves from WA DC	completing housekeeping moves.
Multi-Pallet WADC	Determines whether the WADC modules allow multiple pallets to be picked at the same time
I -	Controls whether the first pallet picked or last pallet picked via WA Dual Cycling is taken to
Sequence	marshalling first

3.3.7 Default Locations

This set of options is generally used with a conveyor system (bespoke). However, the first parameter (Default Receiving Location) also controls whether the RDT Receipt module prompts for a receiving location for a pallet. This can then be reflected on subsequent putaways.

Name	Description	
Default Receiving Location	Default Receiving Location. If entered, the RDT Receipt Module allows the user to choose a receiving location, which defaults to this parameter.	
Default Receiving Location CD	Default Receiving Location Check Digits	
Default Receiving Location Type	Default Receiving Location Type	
Conveyor Input Spur	Bespoke: Conveyor Input Spur Location. Required for RDT Reject Spur Processing	
Conveyor Input Spur CD	Bespoke: Conveyor Input Spur Check Digits. Required for RDT Reject Spur Processing	
Conveyor Input Spur Type	Bespoke: Conveyor Input Spur Type. Required for RDT Reject Spur Processing	
Conveyor Reject Spur	Bespoke: Conveyor Reject Spur Location. Required for RDT Reject Spur Processing	
Conveyor Reject Spur CD	Bespoke: Conveyor Reject Spur Check Digits. Required for RDT Reject Spur Processing	
Conveyor Reject Spur Type	Bespoke: Conveyor Reject Spur Type. Required for RDT Reject Spur Processing	
Default Putaway Location		
Default Putaway Location CD		
Default Putaway Location		
Туре		
Default Problem Resolution		
Location		
Default Problem Resolution Location CD		
Default Problem Resolution		
Location Type		

3.3.8 Bespoke

This set of options controls what bespoke development can be enabled or disabled. **Note:** functionality in this section is generally very specific to a particular operation and should only be enabled with a system that is configured exactly as that operation.

Name	Description			
Bespoke Site Rule	Site identity defining which bespoke rules are to apply			
Bespoke Kraft Batch	Remove non-alphabetic characters from the start of the Batch			
Pick By Carton	Pick a quantity of stock by scanning individual cartons.			
Encoded Sell By Dates?	Use encoded sell by dates?			
Allow Overpicking	Allow the RDT user to enter a picked quantity which is greater that that required by the order.			
Batch Delivery Process	Enable creation of flat files for the Batch Carton Delivery process.			
Bespoke BHS No Mixed Stock	Disables some of the generic Mixed Stock functionality in the warehouse			
Picks by Quantity	Allocates pick tasks to the RDT users by quantity, largest first.			
Enter Pick Station	Identify the picking station at the start of part picking			
Enter Pack Type	Prompt for the pack type when picking. This is for the carton sizes when pack records are created.			
Bespoke No Batch	If this rule is enabled, no customer's batch will be prompted when entering pallet details, even if			



Name	Description		
Prompt	the WMS has requested that one is entered.		
Picker Replen by Quantity	Allow pickers, when doing their own replenishments, to replenish areas by stock moves, not pallet moves.		
Nokia Barcodes	This rule controls whether the RDT will expect to scan Nokia barcode labels		
Stock Take Enter GRN	When adding pallets during Stock Take or Perpetual Inventory, request the user to enter a GRN number		
Bespoke Nokia Stock Take Imps	f this rule is enabled, only the impression quantity will be prompted for when checking mpression stock		
Force Default Manu Date	Bespoke: If this rule is enabled and manufacture dates are required at goods receipt, the RDT will not prompt for this but will instead default the value to the current date.		
New Stock Take Message Layout	BESPOKE: Changes the Stock Take message to WMS to a different extended format. USE WITH CAUTION		
Pre-Reposition	Bespoke: Pre-reposition all pending putaways for a stock code when a pallet of the same stock is repositioned		
Display PO Number	Display the PO Number associated with the pick		
Blind Receipt Label (Bespoke)	RDT label for the Blind Receipt module (Bespoke)		
Blind Return Label (Bespoke)	RDT label for the Blind Returns module (Bespoke)		
Maximum Putaway Quantity	Maximum quantity allowed to be received and putaway by UPC code (Bespoke)		
BHS Short Picking	Bespoke:short picking mechanism that automatically creates a replacement pick		
Goods Receipt Lookup	Allow Goods Receipt lookup in RDT Goods Receipt		
Split Tote	Allow the user to choose to split a picked line over several totes.		
Stock Take Batch Check	When checking pallets during Stock Take, request the user to check the customer batch value		
Stock Take Sell By Date Check	When checking pallets during Stock Take, request the user to check the sell by date value		
Display Default Receipt Values	Controls whether the RDT displays the pallet details of the previous pallet as the default values of the pallet being received		
RF Use Estimated Pallets	If enabled, then the new estimated pallets message will be sent to the Calidus-3pl Mobile system		
Tote to Carton Standardise	If enabled, the RDT screens will be amended to display Carton in place of Tote		
Duration Measurement	Controls whether the duration value is sent to the WMS in seconds or minutes		
Multi Stage Confirmation Message	Controls whether confirmation messages are sent to the WMS for multi stage tasks		
Loose Item Serial Number	Controls whether serial number entry is required when picking loose cases and units		
Confirm Take To Marshalling	Bespoke: Require Confirmation before Take To Marshalling		
Buk PI By	Bespoke: Perform Bulk PI by Task Identifier or Stock/Sell-By-Date. Default is Task Identifier		
Write RPM Logs	Bespoke: Write RPM record to Error Log. Default Disabled		
GS1-128 Scan Sequence	Bespoke: Determines preferred sequence of fields on GS1-128 Scan		
Split Face Sequence	Controls the sort sequence when Split Faces enabled		
Ad Hoc Stock Move Multi Action	Controls what additional information is required for the Ad Hoc Stock Move functionality to identify individual pallets. Default Error.		
Select Move Allow Held	Allow Select Move Function to include Held Movements		
Pallet Case Label Threshold	Controls whether receipt labels are produced at pallet level or case level based on quantity		
Original Priority Audit	Controls whether an Exceptions record is created to capture the original priority of the pick / movement task		
Update CPID Print Labels	Controls if a pallet label can be printed from the Update CPID module		
Undate CRID Label	Format of Update CPID Label		



3.3.9 Barcode Fields

In this screen, the fields the RDT will decode from UCC/EAN-128 barcodes can be defined. These items are used in Goods Receipt.

3.4 Owners

The values in this table are created when the user logs on to the RDT for the first time. The WCS will check for the existence of the WCS and create an owner record, indicating whether the owner requires customer pallet IDs to be entered.

The WCS can also create rules at an owner level, which will supersede the rules at the Warehouse level. This can be done by checking the Restricted box. At this point, the WCS will create rules for the Owner.

Note: The values in this section govern how the WCS Server and RDT processes work. Generally, these items have been set up for you in the way that is most conducive to the way you operate in the warehouse. These values should not be changed unless you know how these will change the way the system operates. Changing the values may not have an immediate effect on the operation of the WCS. The safest way to change parameters is to log out all RDTs, the stop the WCS Server before making the changes.

Barcode configuration for the warehouse is available from a button on the form. Configuration items are grouped into seven sections. In general, the rules at Owner level are the same as the rules at warehouse level. Each of the above is described in detail in the warehousing section.

3.5 P&Ds

P&D locations are staging areas or racks at the end of a narrow aisle to allow pallets to be dropped off mid-move, and then picked up by the next truck available to do that job.

Items that can be entered on this screen are:

- Location Code The P&D Location Code.
- Location Type This can be chosen from the drop-down list. This is only important if the client is using Reject Spur functionality in the warehouse, which is bespoke.
- Check Digits As above. Can be left blank.
- PnD Type Affects the order in which NA trucks pick up pallets from P&Ds in NADC. Choose from 3 types:
 - ◆ FIFO First on to the P&D will be first suggested off the P&D
 - ◆ LIFO Last on to the P&D will be first suggested off the P&D
 - ◆ Random User scans pallet to take off P&D.
- Actual/Max Pallets by setting the max pallets, you can limit the number of tasks that are allowed to each P&D.
- To recalculate the number of pallets actually at the P&D, click the Recalculate button. You will be asked to confirm your selection. There is no need to save the data once recalculated, as the program will do this automatically.

Company code and Warehouse ID will default from the user's default company and warehouse.

See section 4.2 for the use of P&D locations set up in the WCS.

3.6 RDT

This is an optional set-up item.



An RDT that make connections to the WCS create a record on this table. The WCS stores a unique key number and the RDT identifier, which is normally the IP address of the RDT. The data can be seen on the RDT ID Maintenance screen, found on the Standing Data menu.

The table also contains a description, and this screen can be used to change this to a more user-friendly description of the RDT. Additionally, this allows you to keep a list of all RDTs and their IP addresses.

When descriptions have been entered of the RDTs, this can be displayed against any activities or exceptions on the WCS.

The RDT can also be marked as "Intrinsically Safe" for use with flammable goods. This optional setup will then prevent users from logging on with truck types that are NOT intrinsically safe for use with flammable goods.

3.7 Printers

Printers can be either networked windows printers, or direct TCP/IP connections. The screen allows entry of either type.

A toolbar is included on the screen for ease of use.

To add new records, press the new button on the toolbar. Once you have entered your new printer, press the save button or OK button. Your data will be saved.

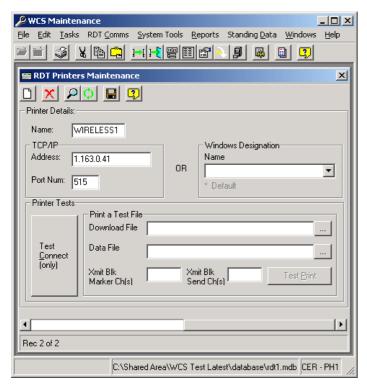
To find an existing record, press the find button on the toolbar. You will be taken to a lookup screen. Once you have selected your printer, the data will be displayed.

To navigate to other printers sequentially, use the scrollbar at the bottom of the screen. The status bar will show you which record you are on.

Once you have found a printer, you may wish to change some parts of it. Simply click on your chosen field and edit it. Once you have made all your changes, press the save or OK button to save your data.

To delete a record, press the delete button on the toolbar, then confirm through the popup dialogue.

To enter a wireless printer:



1. Press the New button.

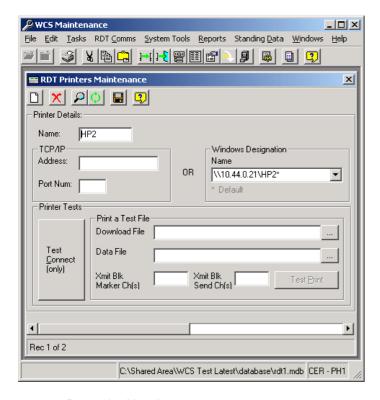


- 2. Give the printer a name.
- 3. Enter the IP address and port number of the printer.

You can then use the Printer Tests section to send through sample print files directly to the printer to ensure that the IP address and port number are set correctly.

Note: For mobile printers, the port is usually 515, for Zebra printers the port is usually 9100. However, this is not guaranteed, and should be confirmed utilising the configuration options on your printer.

To enter a Windows printer or queue:



- 1. Press the New button.
- 2. Give the printer a name.
- 3. Choose the Windows printer from the drop-down box.

Note: The printers must be set up directly from the RDT or WCS Servers the RDT Applications are running from.

For details of how to set up Windows printers for the WCS, see 4.2

It is possible to print a test print to the printers from this screen, if you have a test print document. This can be achieved by putting the name of the test print document into the 'Data File' section on the form, or using the Browse (...) button to find the test print. Then click the Test Print button - the printer should then print the document.



4 Modification of Sent Data

In some instances, data that has been sent from the WMS doesn't have enough detail for the WCS. In this instance, further information must be entered on the WCS for records that already exist. This section describes the data that may need modifying, and what can be entered.

For these screen, further details on how to use this screen can be found in the WCSM Users Guide

4.1 Employees

As mentioned in section 2.6, the Employee data comes partially pre-populated from the WMS. The rest of the settings can be manipulated in the Users Maintenance screen in the Standing Data menu.

Data that can be amended in this screen:

- Password this can be set here. The password is encrypted in the WCS database and can only be read from this screen. Only certain users have access to this screen, controlled by the user's assigned Group.
- Group ID A group can be assigned, controlling the user's access to RDT and Admin modules. See section 3.1 for details
- Works Only in Aisle These parameters effect the areas the user is given tasks, when operating System-directed tasks in the bulk areas. These will act as defaults for the user, or their defined range, depending on certain warehouse flags.
- Supervisor Employees who are marked as Supervisor can use their username and password to unlock other RDT terminals. Locking occurs in some RDT modules as a result of some defined rule (for example, in Goods Receipt). See section 3.3 for details of some locking functions.
- Access Type shows how the user is able to log on to the system admin and/or RDT. This can be modified, and will take effect the next time the user logs on.
- Logged on shows how the user is currently logged on to the system. This can be reset using the reset button. N.B. this directly affects the users. USE WITH CARE.

4.2 Aisles

As mentioned in section 2.7, the Aisle data comes partially pre-populated from the WMS. The rest of the settings can be manipulated in the Aisles Maintenance screen in the Standing Data menu.

Data that can be amended in this screen:

- Sequence This shows the order in which tasks from different aisles will be given to an RDT user, if moves are given in a location-efficient manner.
- Narrow Aisle This controls whether this aisle can be selected in the NADC aisles selection.
- High End Access This also controls the order in which tasks are given to users in DC. If set, tasks within an aisle are given in reverse order.
- Locs in Aisle Future development.
- Linked Aisle Code If this is populated, the WCS sees this aisle and the parent aisle code as one aisle, for NADC and aisle locking.
- Split Faces If this is checked, the WCS splits tasks from odd and even bays separately.
- MHE-Fed For Automated conveyor-fed aisles.
- PD Out/In Controls whether the aisle utilises P&D locations for inbound and outbound tasks. The P&Ds can be chosen from a lookup.
- Display Info This button displays some further information about the aisle:
 - Availability Set from the WMS.
 - ◆ PD Weighting/Total Priority/IN/Out Future development.
 - ◆ Truck In If a truck is currently in the aisle, the RDT will be shown here.
- Reset Status Clears the aisle of any locks, allowing other RDT users to work in the aisle. Included for support purposes.

Alternatively, the WMS has the ability to send some of these additional settings from the Aisles Maintenance screen.



5 Appexdices

5.1 Rules And Categories

Name	Туре	Description	Category	Default
Action Password	WHSE, OWNER	The password required when RDT functions are password-protected	03	NOPASSWORD
Ad Hoc Deconsolidation	WHSE, OWNER	Are deconsolidation tasks sequenced manually or by the system?	01	N
Ad Hoc Location Move	WHSE, OWNER	Allow Ad Hoc Location Movements via RF	02	N
Ad Hoc Pallet Move	WHSE, OWNER	Controls whether the user is allowed to change the pallet type within the Ad Hoc Pallet Move module	01	N
	WHSE, OWNER	Controls whether a reason code value is prompted within the Ad Hoc Pallet Move module	01	Υ
Ad Hoc Pallet Move	WHSE, OWNER	Controls whether the WCS request a suggested location from the WMS within the Ad Hoc Pallet Move module	01	N
0.0	WHSE, OWNER	Controls whether the Ad Hoc Putaway module requires case scanning or accepts quantity entry	01	Υ
	WHSE, OWNER	Format of the Ad Hoc Putaway label	25	
	WHSE, OWNER, GRP	Allow Ad Hoc Stock Movements via RF	02	N
Ad Hoc Stock Move Label Format	WHSE, OWNER	Format of the Ad Hoc Stock Move Label	25	
Ad Hoc Stock Move Multi Action	WHSE, OWNER	Controls what additional information is required for the Ad Hoc Stock Move functionality to identify individual pallets. Default Error.	76	E
Add Miscellaneous Charges	WHSE, OWNER	Allow users to add miscellaneous charges to orders	01	N
Additional Pick Instructions	WHSE, OWNER	Controls whether RDT users can view the additional pick instructions	67	N
Additional Pick Sequence	WHSE, OWNER	Controls whether additional conditions are required for sequencing pick tasks	9003	В
Aisle Length	WHSE, OWNER	The length of the Aisle portion of the Location code.	33	2
Allow Exchange of Replens	WHSE, OWNER	If the Warehouse is Block Stack, allow Replens to be exchanged as well	01	N
	WHSE, OWNER	Allow the RDT user to enter a picked quantity which is greater than that required by the order.	02	N
Allow Receipt Detail Backout		Controls whether user can back out of Receipt Detail	01	N
Allow Task Exchange	WHSE, OWNER	WCS checks for outstanding tasks to give to the user before asking WMS whether the pallet is available for exchange	01	Y
Always Deconsolidate	WHSE, OWNER	When enabled, the system will always deconsolidate, even when not strictly necessary (i.e. for single orders)	55	N
Always Display Order	WHSE, OWNER	If enabled, the full pick screen will always display order number rather than route/load	01	N
Authorise Pick Shortage	WHSE, OWNER	When enabled, this rule will ensure that, when part picks are cancelled or otherwise have their quantity changed, the user will be forced to obtain supervisor authorisation before continuing.	01	N
Automatic Despatch	WHSE, OWNER	Automatically despatch confirm an order when it has been deconsolidated	01	N
Batch Delivery Process	WHSE, OWNER	Enable creation of flat files for the Batch Carton Delivery process.	01	N
Bay Length		The length of the Bay portion of the Location code	34	2



Name	Туре	Description	Category	Default
	WHSE, OWNER			
Bespoke BHS No Mixed Stock	WHSE, OWNER	Disables some of the generic Mixed Stock functionality in the warehouse	01	N
Bespoke Kraft Batch	WHSE, OWNER	Remove non-alphabetic characters from the start of the Batch	01	N
Bespoke No Batch Prompt	WHSE, OWNER	If this rule is enabled, no customer?s batch will be prompted when entering pallet details, even if the WMS has requested that one is entered.	01	N
Bespoke Nokia Stock Take Imps	WHSE, OWNER	If this rule is enabled, only the impression quantity will be prompted for when checking impression stock	01	N
Bespoke Site Rule	WHSE, OWNER	Site identity defining which bespoke rules are to apply	9001	
BHS Short Picking	WHSE, OWNER	Bespoke:short picking mechanism that automatically creates a replacement pick	01	N
Blind Deconsolidation	WHSE, OWNER	When enabled the uper will be prompted to decorpolidate	55	N
Blind Receipt (Bespoke)	WHSE, OWNER, GRP	Allow pallets to be received and putaway at the same time (Bespoke)	01	N
Blind Receipt Data Format	WHSE, OWNER	Controls what the RDT displays in the Blind Receipt/Return modules when displaying the pallet details	82	Q
Blind Receipt Label (Bespoke)	WHSE, OWNER		49	В
Blind Return (Bespoke)	WHSE, OWNER, GRP	Allow pallets to be returned and putaway at the same time (Bespoke)	01	N
Blind Return Label (Bespoke)	WHSE, OWNER	RDT label for the Blind Returns module (Bespoke)	49	В
Block Stack	WHSE, OWNER	Enables some RDT functions to exchange pallets	01	N
Buk Pl By	WHSE, OWNER	Bespoke: Perform Bulk PI by Task Identifier or Stock/Sell-By-Date. Default is Task Identifier	69	I
Calculate Packs	WHSE, OWNER	If enabled, the Pick Information screen displayed initially in the Part Picking module will display the required cartons for the volume of picks	61	N
Capture EAN	WHSE, OWNER	Controls whether users are allowed to enter EAN values for a stock code	01	N
Capture Original SSCC	WHSE, OWNER	Controls whether the Goods Receipt module prompts the user to enter the original SSCC value when generating a new SSCC value.	01	N
Change Damage Qty	WHSE, OWNER	If Damaged Pallet Receipt is allowed, is the quantity	01	Y
Check Duplicate Serial Numbers	WHSE, OWNER	Controls whether Duplicate serials are checked during Pick. Default Disabled.	74	N
Check EAN on Case Serial	WHSE, OWNER	Controls whether an error is issued if an EAN barcode is scanned as a serial number	01	N
Cherry Picking Selection Type	WHSE, OWNER		51	R
Choose Deconsolidation	WHSE, OWNER	Allow the RDT user to choose which Marshalling lane to deconsolidate from	01	N
Choose Marshalling Location	WHSE, OWNER	Allow the pickers to choose a marchalling location when	65	N
Close GRN	WHSE, OWNER	Allow RDT users to close GRNs at the end of the receipt	01	N
Combined Part Pick Sequence	WHSE, OWNER		64	М



Name	Туре	Description	Category	Default
		module		
Concurrent Picking	WHSE, OWNER	Allow loads to be picked concurrently with other loads, when picking by aisle. This stops new loads being started by pickers until the current load has been fully allocated to pickers.	01	Υ
Confirm Take To Marshalling	WHSE, OWNER	Bespoke: Require Confirmation before Take To Marshalling	01	N
Connection Logging	SYS	Level of logging for System Connections (OBS USE ONLY)	80	D
Conveyor Input Spur	WHSE, OWNER	Bespoke: Conveyor Input Spur Location. Required for RDT Reject Spur Processing	03	
Conveyor Input Spur CD	WHSE, OWNER	Bespoke: Conveyor Input Spur Check Digits. Required for RDT Reject Spur Processing	03	
Conveyor Input Spur Type	WHSE, OWNER	Bespoke: Conveyor Input Spur Type. Required for RDT Reject Spur Processing	28	
Conveyor Reject Spur	WHSE, OWNER	Bespoke: Conveyor Reject Spur Location. Required for RDT Reject Spur Processing	03	
Conveyor Reject Spur CD	WHSE, OWNER	Bespoke: Conveyor Reject Spur Check Digits. Required for RDT Reject Spur Processing	03	
Conveyor Reject Spur Type	WHSE, OWNER	Bespoke: Conveyor Reject Spur Type. Required for RDT Reject Spur Processing	28	
Cross Docking	WHSE, OWNER	Is cross-docking enabled for this operation?	01	N
Customer Pallet Validation	WHSE, OWNER	Controls whether an enquiry message is sent to the WMS to validate if a customer pallet value can be received	01	N
Decon Exceptions	WHSE, OWNER	If enabled, this will allow supervisors to immediately resolve discrepancies found at Deconsolidation	01	N
Deconsolidation Logging Level	WHSE, OWNER	This rule indicates the detail level of Deconsolidation activity logging	48	D
Deconsolidation Method	WHSE, OWNER	Whether Deconsolidation tasks are processed by the WCS	31	N
Deconsolidation Pack ID	WHSE, OWNER	This rule indicates which pack size identification field is displayed during deconsolidation	46	С
Deconsolidation Stock ID	WHSE, OWNER	This rule indicates which stock identification fields are displayed during deconsolidation	45	С
Default Ad Hoc Pallet Move Reason	WHSE, OWNER	Controls the default reason code value for use with the Ad Hoc Pallet Move module	53	
Default Company Code	SYS	This is the default company code that the RDT will log on to.	03	
Default Pack Type	WHSE, OWNER	Default Pack Type for Pick	9007	STD
Default Pick Exchange Reason	WHSE, OWNER	Controls the default reason code value for use with pick exchanges	53	
Default Problem Resolution Location	WHSE, OWNER		03	
Default Problem Resolution Location CD	WHSE, OWNER		03	
Default Problem Resolution Location Type	WHSE, OWNER		28	
Default Putaway Location	WHSE, OWNER		03	
Default Putaway Location CD	WHSE, OWNER		03	
Default Putaway Location Type	WHSE, OWNER		28	
Default Receiving	WHSE,	Default Receiving Location. If entered, the RDT Receipt	03	



Name	Туре	Description	Category	Default
Location	OWNER	Module allows the user to choose a receiving location, which defaults to this parameter.		
Default Receiving Location CD	WHSE, OWNER	Default Receiving Location Check Digits	03	
Default Receiving Location Type	WHSE, OWNER	Default Receiving Location Type	28	
Default Short Pick Reason	WHSE, OWNER	Default reason code for short and zero picks (Bespoke)	53	
Delete Records	SYS	When this option is checked, completed tasks are deleted from the WCS database. All logging is still in place. When un-checked, the completed tasks are marked for deletion by the cleardown process.	01	N
Despatch Label Format	WHSE, OWNER	Format of the despatch label	25	
Despatch Note Printer	WHSE, OWNER	Where the Despatch Note Printer is defined	47	М
Display Ad Hoc Putaway Locations	WHSE, OWNER	If enabled, this parameter ensures a location enquiry is sent to the WMS from Ad Hoc Putaway to find locations assigned to the stock code	02	N
Display Decon Summary	WHSE, OWNER	This rule controls whether the deconsolidation process displays a summary screen with Order Information at the start of deconsolidating each order	01	Υ
Display Default Receipt Values	WHSE, OWNER	Controls whether the RDT displays the pallet details of the previous pallet as the default values of the pallet being received	01	N
Display Multi UOM	WHSE, OWNER	Controls the display of Multiple UOM Descriptions when entering Pick Quantity	01	N
Display Order Summary	WHSE, OWNER	Defines when the order summary screen is displayed on the RDT during part picking.	42	S
Display PO Number	WHSE, OWNER	Display the PO Number associated with the pick	01	N
Display UOM	WHSE	Display UOM on RDT when user prompted to enter a quantity value.	01	N
Dummy Loc Enq Duration	SYS	Sets the duration of time in minutes without a message before a dummy location enquiry is sent to the WMS. Default is 30 min.	04	30
Dummy Loc Timer Duration	SYS	Sets the duration of time for the dummy location check in minutes. Default is every 2 min.	04	2
Dummy Loc Trigger	SYS	Controls the trigger checks of the dummy location enquiry to the WMS. Default is Incoming only.	70	I
Duration Measurement	WHSE, OWNER	Controls whether the duration value is sent to the WMS in seconds or minutes	66	М
Enable Admin Change Warehouse	SVS GRP	Allows the user to change the default warehouse they can see	01	N
Enable Admin Comms	SYS, GRP	Allows the user full access to the RDT Comms menu. If this is enabled, the following option need not be.	01	N
Enable Admin Comms Enquiry	SYS, GRP	Allows the user Enquiry-only access to the top 2 items on the RDT Comms menu.	01	N
Enable Admin Logs	SYS, GRP	Allows the user access to the Logs Enquiry screens in the System Tools menu	01	N
Enable Admin Report	SYS, GRP	Allows the user access to the Reports menu	01	N
Enable Admin Settings System	SYS, GRP	Allows the user access to the System Settings option on the System Tools menu. NOTE: This option should only be enabled for super-users, and even then should only be enabled sparingly.		N
Enable Admin Standing Data	SYS, GRP	Allows the user full access to all items on the Standing Data menu. If this is enabled, the following option need not be. NOTE: This option will allow users to see other	01	N



Name	Type	Description	Category	Default
	,	users? passwords, and should therefore be limited only to those users who require it.		
Enable Admin Standing Data Enquiry	SYS, GRP	Allows the user access to the Enquiry screens only on the Standing Data menu	01	N
Enable Admin Task Edit	SYS, GRP	Allows the user full access to all the screens on the Tasks menu. If this is enabled, the following option need not be.	01	N
Enable Admin Task Enquiry	SYS, GRP	Allows the user access to all the screens on the Tasks menu, but for enquiry purposes only.	01	N
Enable Admin Utilities Clear Out	SYS, GRP	Allows the user access to the Clear-Out options on the System Tools menu. NOTE: This should only be available for super-users.	01	N
Enable Admin Utilities Repair and Compact	SYS, GRP	Allows the user access to the Compact Database option on the System Tools menu.	01	N
Enable Check Digits	WHSE, OWNER	Does the warehouse use check digits, or just location codes?	11	Υ
Enable Customer Pallet No	WHSE, OWNER	Display customer pallet number on the RDT	01	N
Enable Dual Cycling	WHSE, OWNER	If this is enabled, the RDT logon procedure allows users to choose whether they work in Bulk (NA areas) or not. Depending on this choice, the RDT displays Dual Cycling options for the users.		N
Enable Encoded Sell By Date	WHSE, OWNER	Use encoded sell by dates?	01	N
Enable Full Pick Header Lock	WHSE, OWNER	Lock the picking header record for full pallet picking/load building	01	Υ
Enable Hold Priority	SYS	This allows the lowest priority in the WCS to be used as a Held status. When this option is checked, and tasks on priority 9 will not be allocated to RDTs to complete. To release the tasks, re-prioritise the task to a higher level.	01	Y
Enable Mixed Stock	WHSE, OWNER	Do you have mixed-stock pallets?	01	N
Enable Multi Pallet Putaway	WHSE, OWNER	Allow several pallets to be picked up during putaway	02	N
Enable Multi UOM processing	WHSE, OWNER	Whether the WCS deals with multiple UOMs	01	N
Enable Pack Size Entry	WHSE, OWNER	If this rule is enabled, pack size will be prompted for when entering pallet details for impression stock	01	N
Enable Packing	WHSE, OWNER, GRP	Allow the RDT user to pack orders	02	N
Enable Pick Dependencies	WHSE, OWNER	Ensure part picks are not released for picking until any outstanding replenishment has been completed first	01	Υ
Enable Picker Replens	WHSE, OWNER	Allow pickers to perform their own replens at the point of picking the part picks.	02	N
Enable RDT Ad Hoc Move	WHSE, OWNER, GRP	Allow instigation of a housekeeping Move from the RDT.	02	Υ
Enable RDT Ad Hoc Putaway	WHSE, OWNER, GRP	Allow Ad Hoc Putaway for shelving locations. Bespoke.	02	N
Enable RDT Bulk PI	WHSE, OWNER, GRP	Allow Perpetual Inventory (ad hoc stock check).	02	Υ
Enable RDT Cancellation	WHSE, OWNER, GRP	Allow cancellation on the RDTs? This option can be over-ridden by the Group setting	02	N
		Choose an order to pick from	01	N



Name	Туре	Description	Category	Default
Enable RDT Cherry Picking	WHSE, OWNER, GRP			
Enable RDT Combined Split	WHSE, OWNER, GRP	Bespoke: Ad hoc movements of small quantities of stock to other locations	02	N
Enable RDT Continuous Part Picking	WHSE, OWNER, GRP	When part picking, asks the user whether they want to continue part picking (i.e. build a despatch pallet from several pick lines).	52	Y
Enable RDT Daily Cycle Check	WHSE, OWNER, GRP	The Daily Cycle Check functionality will be available to the users if this rule is enabled	02	N
Enable RDT Damages	WHSE, OWNER, GRP	Allow Damage quantity entry during Goods Receipt	01	N
Enable RDT DC Aisles	WHSE, OWNER, GRP	If using Dual Cycling, this parameter controls whether the user is allowed to select a range of Aisles in which to work, or simply accept the default aisle range entered against the user.	01	Y
Enable RDT Deconsolidation	WHSE, OWNER, GRP	Allow deconsolidation of consolidated orders.	02	N
Enable RDT Despatch	WHSE, OWNER, GRP	Allow despatch of deconsolidated orders.	02	N
Enable RDT Despatch Serial No Scanning	WHSE, OWNER, GRP	Allow entering serial numbers for picked items. Bespoke.	02	Z
Enable RDT Echo Putaway	WHSE, OWNER	If enabled, this parameter makes the RDT Receiving process display the suggested putaway location after successfully receiving a pallet.	19	0
Enable RDT Eurodate	WHSE, OWNER		01	N
Enable RDT Layers	WHSE, OWNER	Enter Layers and Bits at Goods Receipt	01	N
Enable RDT Loading	WHSE, OWNER, GRP	Allow Loading ojnto a vehicle.	02	N
Enable RDT Location Enquiry	WHSE, OWNER, GRP	Allow the RDT user to enquire on the contents of a location from the WMS.	02	Y
Enable RDT Mail	WHSE, OWNER, GRP	Allow receipt of messages from Maintenance administrators. (Generally, this should always be enabled).	02	Y
Enable RDT Marshall	WHSE, OWNER, GRP	Not Yet Implemented.	02	N
Enable RDT Measure Qty	WHSE, OWNER	Allow Measure Quantity to be entered on the RDT	01	N
Enable RDT Move Enquiry	WHSE, OWNER, GRP	Allow the RDT to see where a pallet is going.	02	Y
Enable RDT Move Select	WHSE, OWNER, GRP	Allow cherry-picking of an individual Move task.	02	Υ
Enable RDT Pallet Enquiry	WHSE, OWNER, GRP	Allow the RDT user to enquire on the contents of a pallet from the WMS.	02	Y
Enable RDT Pallet Move	WHSE, OWNER,	Allow the user to complete Full-Pallet Movements generated from the WMS.	02	Y



Name	Туре	Description	Category	Default
	GRP	·		
Enable RDT Part Picking	WHSE, OWNER, GRP	Allow the user to complete Case and Unit picks from the RDT.	02	Y
Enable RDT Part Replenishments	WHSE, OWNER, GRP	Allow completion of Part Replenishment tasks	02	N
Enable RDT Pick Extra Items	WHSE, OWNER	Controls whether a user is allowed to identify a pallet during picking from its stock information (stock code, batch, etc) rather than entering the pallet ID	02	Y
Enable RDT Pick Location Error	WHSE, OWNER, GRP	Allow the RDT picker to cancel a pick at the point of confirming the location code.	02	N
Enable RDT Picking	WHSE, OWNER, GRP	Allow the user to complete Full-pallet Picks.	02	Y
Enable RDT Pop Up Description	WHSE, OWNER	Pop up description of stock on RDT screen	38	N
Enable RDT Putaway	WHSE, OWNER, GRP	Allow Full-Pallet Putaway.	02	Y
Enable RDT Receipt	WHSE, OWNER, GRP	Allow Blind (Stock level) and Check (Pallet level) Goods Receipt.	02	Y
Enable RDT Receipt Serial No Scanning	WHSE, OWNER, GRP	Allow entering serial numbers for received items. Bespoke.	02	N
Enable RDT Receive Additional Pallets	WHSE, OWNER, GRP	Allow additional pallets to be received during the RDT receipt process	02	Y
Enable RDT Reject Spur	WHSE, OWNER, GRP	Allow Reject Spur Processing. Bespoke to automated conveyor and P&D systems. Bespoke.	02	N
Enable RDT Replenishment	WHSE, OWNER, GRP	Allow completion (and/or generation) of a Replenishment. Bespoke.	02	N
Enable RDT Reposition	WHSE, OWNER, GRP	Allow reposition on the RDTs? This option can be over-ridden by the Group setting	57	N
Enable RDT Select Replenishment	WHSE, OWNER, GRP	Allow Select Replenishment. Bespoke.	02	N
Enable RDT Shipment Pallet Building	WHSE, OWNER, GRP	Allow Shipment Pallet Building. Bespoke.	02	N
Enable RDT Shipment Pallet Despatch	WHSE, OWNER, GRP	Allow Shipment Pallet Despatch. Bespoke.	02	N
Enable RDT Shipment Pallet Moves	WHSE, OWNER, GRP	Allow Shipment Pallet Moves. Bespoke.	02	N
Enable RDT Stock Adjustment	WHSE, OWNER, GRP	Enable RDT users to perform Adhoc adjustments (ORA Only)	02	N
Enable RDT Stock Enquiry	WHSE, OWNER, GRP	Bespoke: Enquire on Stock code	02	N
Enable RDT Stock Move	WHSE, OWNER, GRP	Allow Stock Moves (request replenishment of pick face). Bespoke.	02	N



Name	Туре	Description	Category	Default
Enable RDT Stock Take	WHSE, OWNER, GRP	Allow Full (Blind) and Partial (Check) Stock Check.	02	Υ
Enable RDT Weighing	WHSE, OWNER, GRP	Allow the RDT user to Weight Shipment Packages.	02	N
Enable RDT Weights	WHSE, OWNER, GRP	Allow Weight to be entered on the RDT	58	N
Enable Replen Dependencies	WHSE, OWNER	This rule controls whether the number of replenishment moves into a pick face are limited. Also, that the replen associated with the highest priority pick is released first, whilst all others are held.	01	N
Enable Stock Putaway	WHSE, OWNER, GRP	Allow the RDT user to Stock Putaway	02	N
Enable Stock Transfers	WHSE, OWNER, GRP	Allow completion of Stock Transfer tasks	02	N
Enable WCS Gen Replen	WHSE, OWNER	Let WCS Generate Replenishments	01	Υ
Enhanced Pick Exchange	WHSE, OWNER	Allow pick exchanges from different locations and for part pallet pick tasks	01	Υ
Enter CIM Printer	WHSE, OWNER	Controls whether the RDT prompts the user to enter a printer during deconsolidation on which the CIM labels will be printed	55	N
Enter Delivery Reference	WHSE, OWNER	Allow the user to enter a delivery reference in RDT Goods Receipt.	01	N
Enter Despatch Pallet Type	WHSE, OWNER	Controls whether pickers are prompted to enter the pollet	83	D
Enter Despatch Printer	WHSE, OWNER	Controls whether the RDT prompts the user to enter a	55	N
Enter Media Type	WHSE, OWNER	Market and the construction of the construction of the content of	55	N
Enter Pack Type	WHSE, OWNER	Prompt for the pack type when picking. This is for the carton sizes when pack records are created.	41	N
Enter Pick Station	WHSE, OWNER	·	01	N
Enter Putaway Location	WHSE, OWNER	Allow users to receive and putaway items in a single process	72	N
Enter Vintage	WHSE, OWNER	Controls whether the Goods Receipt module prompts for a vintage value	02	N
Enter WMS Rotation	WHSE, OWNER		01	N
Exclude Blocked Moves from Priority Calc	WHSE, OWNER	Whilst calculating the priority of moves within an aisle, exclude moves which cannot currently be completed, due to blocked P&D locations.	01	Y
Extended Reposition Validation	WHSE, OWNER	Whether the WCS performs extended checks when a reposition location is chosen.	01	N
Flat File FTP Location	SYS	Bespoke: The location where files are to be found on the FTP server.	24	
Flat File FTP Password	SYS		26	
Flat File FTP Server	SYS	Bespoke: The server where flat files are sent.	03	
Flat File FTP User	SYS	Bespoke: The user for logging into the FTP server.	03	
Flat File Location	SYS	Bespoke: The location where files are to be located on the FTP server.	24	



Name	Туре	Description	Category	Default
Force Default Manu Date	WHSE, OWNER	Bespoke: If this rule is enabled and manufacture dates are required at goods receipt, the RDT will not prompt for this but will instead default the value to the current date.	01	N
Force Sky Picking	WHSE, OWNER	Are part pick tasks from bulk treated as sky picks?	59	N
Force Source Confirmation	WHSE, OWNER	Force the confirmation of the source picking location for each pick even if it is the same as the previous pick.	01	N
Full Pallet Task Exchange	WHSE, OWNER	Controls whether Full Pallet TASK exchange is allowed between orders	78	S
Full Pick Despatch Labels	WHSE, OWNER	If disabled, Despatch labels will not be printed for full pallet picks.	01	Υ
Generate Customer Pallet Id	WHSE, OWNER	If anabled, this rule allows users to determine whether the	01	N
Goods Receipt Lookup	WHSE, OWNER	-	01	N
Goods Receipt Vehicle Checks	WHSE, OWNER	Controls whether an enquiry message is sent to the WMS to validate if a GRN has been Vehicle Checked	01	N
GS1-128 Scan Sequence	WHSE, OWNER	Bespoke: Determines preferred sequence of fields on GS1-128 Scan	71	00
In Pick Check	WHSE, OWNER	Controls whether the RDT user is prompted to enter the	54	N
Largest Task Next Sequence	WHSE, OWNER	Set the sequence of picks after selection by Largest Qty	79	N
Latest Sell By Date Check	WHSE, OWNER	Controls whether input of SellByDate is checked against latest date	73	N
Level Length	WHSE, OWNER	The length of the Level portion of the Location code.	35	2
Load before Pick Confirmation	WHSE, OWNER	WMS	01	N
Loading Despatch Note Printer	WHSE, OWNER	Controls whether the Loading module prompts for a printer for the despatch note	01	N
Loading Dock Door	WHSE, OWNER	Controls whether the Loading user is prompted for Dock Door and how this will be confirmed.	50	N
Loading Exceed Multiple Limit	WHSE, OWNER	Controls the action taken by the RDT when the Multiple Limit is exceeded.	14	W
Loading Lift Entry	WHSE, OWNER	Controls whether the Loading module prompts for the number of lifts and pallets	01	N
Loading Method	WHSE, OWNER		20	N
Loading Multiple Limit	WHSE, OWNER	This is the limit for how many items can be scanned onto a vehicle before Dock Door must be entered.		0
Loading Order Enquiry	WHSE, OWNER	Centrals whather the Leading module allows the user to	01	N
Loading Scan Multiples	WHSE, OWNER	Controls whether the user is allowed to scan multiple	01	N
Loading Selection Type	WHSE, OWNER	Controls whether the RDT initially asks the user to load stock by Route/Load or Order Number. This can be changed by the user when loading.	37	R
Loading Sequence	WHSE, OWNER	The sequence in which orders will be loaded within the load (affects Loading By Bay Door only)	36	N
Loading Trailer Number	WHSE, OWNER	Controls whether the Leading module prompts the user to	01	N
Log Path	SYS		25	



Name	Туре	Description	Category	Default
		THE WCS SERVER IS RUNNING. When this is done, the logging files in the normal database are no longer		
Log Postponement	WHSE, OWNER	Whether pick postponements are recorded in the Exceptions Log	01	N
Loose Item Serial Number	WHSE, OWNER	Controls whether serial number entry is required when picking loose cases and units	9006	N
Marshalling Method	WHSE, OWNER	Controls whether orders are to be marshalled or not	9004	В
Maximum Putaway Quantity	WHSE, OWNER	Maximum quantity allowed to be received and putaway by UPC code (Bespoke)	04	0
Minimum Pallet ID Length	WHSE, OWNER	Controls the minimum length of SSCC entered in Receipt	04	0
Move Efficient Flag	WHSE, OWNER	Location or priority efficiency	05	L
Multi Stage Confirmation Message	WHSE, OWNER	Controls whether confirmation messages are sent to the WMS for multi stage tasks	02	N
Multi-Pallet Picking Sequence	WHSE, OWNER	Controls whether the first pallet picked or last pallet picked via WA Dual Cycling is taken to marshalling first	63	L
Multi-Pallet WADC	WHSE, OWNER	Determines whether the WADC modules allow multiple pallets to be picked at the same time	62	N
Multiple Putaway Tasks Prompt	WHSE, OWNER	Controls whether the RDT prompts the user to complete one or all of the putaway tasks when multiple putaway tasks exist for the customer pallet id	01	N
NADC Aisle Lock	WHSE, OWNER	The point at which an aisle is locked to prevent other RDTs using the aisle	32	L
NADC Crossover Method	WHSE, OWNER	The method by which the RDT NA drivers are moved to another aisle in their range during Dual Cycling.	18	Т
NADC Skip Putaway	WHSE, OWNER	Allow full NADC users to skip putaways in aisles, and do the next pick immediately.	02	Υ
NADC Threshold Priority	WHSE, OWNER	If using the Threshold crossover method, this parameter details the level at which tasks are considered urgent, to be actioned immediately.	17	4
New Stock Take Message Layout	WHSE, OWNER	BESPOKE: Changes the Stock Take message to WMS to a different extended format. USE WITH CAUTION	01	N
Nokia Barcodes	WHSE, OWNER	This rule controls whether the RDT will expect to scan Nokia barcode labels	01	N
Num Picks before RSBE	WHSE, OWNER	The number of picks to elapse between residual stock balance enquiries	04	0
OBS Menu	SYS, GRP	Controls access to the OBS Support Menu	01	N
Ora Database	SYS	The database the WCS connects to for the messages.	03	
Ora Incoming Queue Name	SYS	The Oracle queue on which Incoming messages are stored. Outgoing messages are stored by messages type on the queues defined in the table ORA Type Queues.	03	QMC
Ora Password	SYS	The password of the user for the connection to the Oracle database.	26	
Ora Priority Incoming Queue	SYS	The Oracle queue on which high priority messages are stored	03	
Ora User	SYS	The username for the connection to the Oracle database	03	SCE
Original Priority Audit	WHSE, OWNER	Controls whether an Exceptions record is created to capture the original priority of the pick / movement task	01	N
Pallet Case Label Threshold	WHSE, OWNER	Controls whether receipt labels are produced at pallet level or case level based on quantity	04	1
Pallet Enquiry Label Format	WHSE, OWNER	Format of pallet enquiry label	25	
Pallet Enquiry Print Labels	WHSE, OWNER	Controls if pallet label can be printed from a pallet enquiry	01	N
			01	N



Name	Type	Description	Category	Default
Part Pick Pallet Count	WHSE, OWNER	Controls whether Part Picking prompts users to enter a pallet count		
Part Replen Label Format	WHSE, OWNER	Format of the Part Replen label	25	
PC Generation Algorithm	WHSE, OWNER	Algorithm to generate Picking Containers	9002	
PC Prefix	WHSE, OWNER	Prefix for automatically-generated Picking Container	03	
Pick By	WHSE, OWNER	Controls what the RDT prompts for as confirmation that the correct item has been found for picking	23	N
Pick By Carton	WHSE, OWNER		01	N
Pick By Order	WHSE, OWNER	Controls whether a picker is locked to task for a single order	77	N
Pick Catch Weight Per Case	WHSE, OWNER	Controls whether Catch Weights are entered at Case instead of Stock/Pick level. Default Disabled.	01	N
Pick Consolidate Group	WHSE, OWNER	For Consolidated picking: How to create groups of picks.	10	N
Pick for On-time Delivery	WHSE, OWNER	If enabled, this rule will ensure that picks are assigned to pickers in Priority, then OTD Date and Time sequence	01	N
Pick In Sequence	WHSE, OWNER	If picks have been placed on a Load, what sequence should orders be released for picking?	36	N
Pick Into Containers	WHSE, OWNER	Controls whether RDT Part Picking prompts for Picking Container IDs	39	N
Pick Label Prompt	WHSE, OWNER	Where should pick labels be prompted for?	29	Р
Pick Multiple Containers	WHSE, OWNER	If enabled, allows creation of several containers in sequence	01	N
Pick Page Allocation	WHSE, OWNER	This controls how the WCS allocates picks to pickers.	12	Р
Picker Replen by Quantity	WHSE, OWNER	Allow pickers, when doing their own replenishments, to replenish areas by stock moves, not pallet moves.	01	N
Picking Container Adjustment	WHSE, OWNER, GRP	Allow the user to adjust Picking Containers. Bespoke	02	N
Picks by Quantity	WHSE, OWNER	Allocates pick tasks to the RDT users by quantity, largest first.	01	N
Pre-Receipt Sort Bespoke)	WHSE, OWNER, GRP		01	N
Pre-Reposition	WHSE, OWNER	Bespoke: Pre-reposition all pending putaways for a stock code when a pallet of the same stock is repositioned	01	N
Print Ad Hoc Putaway Labels	WHSE, OWNER	Whather the PDT attempts to print labels for Ad Hoc	02	N
Print Ad Hoc Stock Move Labels	WHSE, OWNER	Cantralak ath an tha Ad Haa Ctaal May a maddula muananta	43	N
Print Despatch abels	WHSE, OWNER	Whether the RDT attempts to print despatch labels for picked stock.	30	N
Print Part Replen Labels	WHSE, OWNER	Whether the RDT attempts to print labels for Part Replenishments	43	N
Print Stock Despatch Label	WHSE, OWNER	Controls whather the Bort Disking module allows stock	68	N
Priority Change Audit	SYS	Controls whether an Exceptions record is created to	01	N
Purchase Order Entry	WHSE, OWNER	Enable Durchase Order entry during DE goods receipt if	01	N
Queue Listener Agent	SYS	·	03	AG_CCWH



Name	Туре	Description	Category	Default
		them as. Each instance of the WCS has a unique Agent name, usually per warehouse.		
Quick Pack	WHSE, OWNER	Allow Home Use orders not assigned to a route/load or assigned to a route/load individually to skip the deconsolidation process	01	N
RDT Box Drawing	SYS	What style of box-drawing the RDT's connected to this WCS will use.	44	1
RDT Wait Time	SYS	wait before re-trying communications to the WCS.		20
RDT_WCS LocalPort	SYS	This is the port that the WCS listens to for communications from RDTs.	04	15002
Receipt Default Pallet Type	WHSE, OWNER	During Goods Receipt, whether the RDT user is prompted for a valid Pallet Type at the start of the receipt. This will	01	N
Receipt Enter Type	WHSE, OWNER	Allow the user to enter the receipt type in PDT Goods	01	N
Receipt Expected Quantity Check	WHSE, OWNER	If enabled, this parameter makes the RDT compare the	02	N
Receipt Impressions Check	WHSE, OWNER	If the impressions quantity for a stock item is different to the impressions quantity preadvised, this parameter details the action the RDT is to take. Only for preadvices at pallet level.	22	N
Receipt Intake Stock Check	WHSE, OWNER	Controls Issue Life Check at Receipt	22	N
Receipt Label Format	WHSE, OWNER	Format of the receipt label printed, if printed from the WCS.	25	
Receipt Non-advised Stock Codes	WHSE, OWNER	Is the user allowed to receive stock codes that have not been preadvised for that receipt?	22	E
Receipt Pallet Count Check	WHSE, OWNER	If the number of pallets on a received stock item exceeds that preadvised, this parameter details the action the RDT is to take.	22	N
Receipt Pallet Qty Check (Pallet)	WHSE, OWNER	If the pallet quantity for a stock item is different to the pallet quantity preadvised, this parameter details the action the RDT is to take. Only for preadvices at a pallet level.	22	A
Receipt Print Labels	WHSE, OWNER	Controls where/if pallet labels are printed during the receipt process	21	N
Receipt Selection Type	WHSE, OWNER	How to find the receipt on the RDT - via Advice Note or GRN no.	08	А
Receipt Single Barcode	WHSE, OWNER	Allow users to scan single barcode for entry of some required elements for adding additional pallets	01	N
Receipt Standard Qty Check (Stock)	WHSE, OWNER	If the pallet quantity for a stock item is different to the standard pallet quantity, this parameter details the action the RDT is to take. Only for preadvices at stock level.	22	l
Receipt Total Qty Stock Check	WHSE, OWNER	If the quantity of a stock item exceeds the total preadvised, this parameter details the action the RDT is to take.	22	Е
Receipt Type	WHSE, OWNER	How the RDT actions the Receipt process - either Blind (stock-level advice) or Check (Pallet-level advice)	07	В
Redundant Stock Check	WHSE, OWNER	If enabled, products marked as redundant are rejected when scanned at receipt	01	N
Regroup Order by Stock	SYS	Allow WCS Maintenance users to re-group an order's	01	N
Reprint Despatch	WHSE,	When enabled, the RDT will print despatch labels for	01	N



Name	Туре	Description	Category	Default
Label at Decon	OWNER	orders when deconsolidated		
Request Putaway at Scan	OWNER	itime of putaway scan, rather than at receipt	01	N
RF Use Estimated Pallets	WHSE, OWNER	If enabled, then the new estimated pallets message will be sent to the Calidus-3pl Mobile system	01	N
Seamless Exchange	WHSE, OWNER	If this rule is set, the RDT will check whether an exchange can be done immediately, without requiring the user to press the Error function key first.	01	N
Select Move Allow Held	WHSE, OWNER	Allow Select Move Function to include Held Movements	01	N
Select Stock Move by Stock	WHSE, OWNER	,	01	N
Send Aisle Status to WMS	WHSE, OWNER	For NA areas: Inform the WMS that the aisle has a truck in it.	01	N
Serial Maximum Length	WHSE, OWNER	Controls the maximum length of a scanned case serial number in Picking. Default 0 (disabled)	04	0
Serial Minimum Length	WHSE, OWNER	Controls the minimum length of a scanned case serial number in Picking. Default 0 (disabled)	04	0
Ship Pack Weight Check	WHSE, OWNER	If a weight entered during the Shipment Package Weight function is outside the tolerance value, what action should the RDT take?	22	N
Shipment Pallet Build Validation	WHSE, OWNER	Controls what validation is followed when assigning shipment packages onto shipment pallets	60	Р
Single Picker Per Order	WHSE, OWNER	Assign related picks to user on first pick. Default Disabled	01	N
Split Face Sequence	WHSE, OWNER	Controls the sort sequence when Split Faces enabled	75	1
Split Pick Quantities	WHSE, OWNER	If enabled, allows large picks to be split into more than one pack	01	N
Split Tote	WHSE, OWNER	Allow the user to choose to split a picked line over several totes.	01	N
Stock Take Batch Check	WHSE, OWNER	When checking pallets during Stock Take, request the user to check the customer batch value	01	N
Stock Take Enter GRN	WHSE, OWNER	When adding pallets during Stock Take or Perpetual Inventory, request the user to enter a GRN number	01	N
Stock Take Sell By Date Check	WHSE, OWNER	When checking nallets during Stock Take, request the	01	N
Task Identifier	WHSE, OWNER	Which field to use to identify pallets	06	Р
Temperature Recording	WHSE, OWNER	Controls whether Temperature Recording is required at Pre-Advice	01	N
Tote to Carton Standardise	WHSE, OWNER	If enabled, the RDT screens will be amended to display Carton in place of Tote	01	N
Track Deconsolidation	WHSE, OWNER	When enabled this rule will inform WMS when orders	01	N
Trolley IDs	WHSE, OWNER, GRP		02	N
Update CPID	WHSE, OWNER, GRP	Allow the user to update the customer pallet id value. Bespoke	02	N
Update CPID Label Format	WHSE, OWNER	Format of Update CPID Label	25	
Update CPID Print Labels	WHSE, OWNER	Controls if a pallet label can be printed from the Update CPID module	01	N
Use Dummy Checksum	SYS	Lload to terminate the interface massages with a dummy	01	N
Use WMS Pick	WHSE,	·	01	N



Name	Type	Description	Category	Default
Sequence	OWNER	WMS location pick sequence order		
Use WMS Rotation instead of Cust Batch	WHSE, OWNER	If this rule is set, wherever Customer Batch is displayed or entered during Picking or Deconsolidation, the RDT will display or request the entry of WMS Rotation instead.	01	N
User Select Pick Location	WHSE, OWNER	Is the user allowed to specify the location from which picking to start?	01	N
Vendor Managed Inventory	WHSE, OWNER	If this flag is enabled, supplier will be displayed and entered during standard rf modules	01	N
WA DC Exclude S to D moves	WHSE, OWNER	Ensures WA DC (interleaving) focuses more on emptying P&D locations rather than completing housekeeping moves.	01	Y
WCS Stock Despatch Label Format	WHSE, OWNER	Format of the stock despatch label	25	
WCS_WMS RemotePort	SYS	This is the port that the WMS listens to for communications from the WCS.	04	
Weigh Shipment Package	WHSE, OWNER	Allow the entry and validation of the Catch Weight during the Shipment Pallet Building process	01	N
Weight Tolerance	WHSE, OWNER	If weights are being checked by the Shipment Package functions, what tolerance is allowed (plus or minus, in kilograms)?	40	
Weight Volume Check	WHSE, OWNER	Check stock dimensions and weight are populated during Goods Receipt.	01	N
Window Caption	SYS	This field changes the displayed name of the WCS Server process, when running. This is useful when running multiple systems on one site or one server.	03	Warehouse Control Server
WMS HostName	SYS	This is the IP address or host/DNS name of the WMS machine.	03	****
WMS System	SYS	Version of WMS that the WCS is connecting to.	56	0
WMS to WCS Try Limit	SYS	before logging the error and trying the next.	04	3
WMS_WCS LocalPort	SYS	This is the port that the WCS listens to for communications from the WMS.	04	
Write RPM Logs	WHSE, OWNER	Bespoke: Write RPM record to Error Log. Default Disabled	01	N
Zero Negative Quantities	WHSE, OWNER	Zero negative values on enquiries. Default Enabled	01	Υ

Categories:

Category	Value
01	N-Disabled
01	Y-Enabled
02	N-Disabled
02	P-Password-Protected
02	Y-Enabled
03	Plain Text
04	Plain Numeric
05	L-By Location
05	P-By Priority
06	C-By Cust Pallet ID
06	P-By Pallet ID
06	S-By Stock
07	B-Blind Receipt
07	C-Check Receipt
07	N-Non Pre-Advised Receipt



Category	Value
07	P-Non Pre-Advised Receipt & Putaway
08	A-By Advice No
	-
08	C-By Cust Pallet Id
08	G-By GRN No
09	L-By Load Number
09	O-By Order Number
10	N-None
10	S-By Stock/Batch
11	C-Combo Check
11	N-Disabled
11	Y-Enabled
12	A-By Aisle
12	C-By Route/Load WMS Consolidation
12	L-By Load/Aisle
12	O-By Order Number
12	P-By Order Page
12	R-By Reference
12	Z-By Area/Zone
13	Date
14	A-Audit
14	E-Error
14	I-Information
14	W-Warning
15	F-Full/Blind
15	P-Preadvised/Partial
16	A-Area (m2)
16	I-Impressions
16	L-Length (m)
16	Q-Quantity
16	V-Volume (m3)
16	W-Weight (kg)
17	Priority Values
18	M-Manual
18	T-Threshold
18	W-Weighting
19	0-Disabled
19	1-Fetch Details
19	2-Display Location
20	B-By Bay Door
20	C-By Carton
	1
20	F-By Final Media Number
20	I-By Picking Container
20	L-By Picking Container and Location
20	N-Disabled
20	P-By Pick
20	V-By Vehicle/Store/Picking Container
21	C-WCS
21	M-WMS
21	N-Neither
21	P-WMS - Prompt For Printer on WCS
21	Q-WCS - Quantity
21	R-WCS - Receipts Only
22	A-Authorisation Required



Category	Value
22	E-Error
22 22	I-Informational Message N-None
23	B-By Stock and Batch
23	L-By Stock and Batch (Line Type)
23	N-No Id
23	P-By Pallet ID
23	S-By Stock Code
23	V-By Pallet/Stock/Supplier
23	X-By Pallet and Stock
24	Plain Text (with directory Browser)
25	Plain Text (with File browser)
26	Plain Text (password text)
27	Date (with Date Picker)
28	Plain Text (with Location Type lookup)
29	D-Printer Dependant
29	M-Marshalling
29	P-Pick
29	S-At Start Only
30	C-Per Case
30	D-Per Despatch Pallet
30	N-Disabled
30	P-Per Pick
30	R-Request Quantity
30	W-WMS
31	D-Deconsolidate Only
31	N-Disabled
31	P-Deconsolidate and Pack
32	A-At Allocation
32	L-At Location
33	Aisle Length
34	Bay Length
35	Level Length
36	A-By Drop Sequence
36	D-By Reverse Drop Sequence
36	N-Disabled
37	C-By Customer Order
37	O-By Order Number
37	P-By Picking Container's Order
37	R-By Route/Load
38	N-Disabled
38	P-Pick Only
38	R-Goods Receipt Only
38	Y-Enabled
39	E-Enter Tray Values
39	G-Generate
39	N-Disabled
39	O-Check Order
39	P-Password_Protected
39	S-Generate SSCC
39	T-Pre-Set Tray Values
39	Y-Enabled
40	Decimal



Category	Value
41	M-At Marshalling
41	N-Disabled
41	S-At Start
42	E-At Each Dispatch Pallet
42	L-At Location
42	N-Disabled
42	S-At Start Only
43	N-Disabled
43	R-Request Quantity
44	0-Single Line
44	1-Double Line
44	1024-Black (Reverse display)
44	256-Simple
44	512-Block
45	C-Stock Code
45	O-Stock Description ((Line 1 only)
45	T-Stock Description (Line 1 and 2)
46	C-Size Pack Text from Stock Code
46	I-Impressions Pack Size
47	C-WCS
47	M-WMS
48	D-Detail
48	S-Summary
49	B-Blind Receipt
49	P-Putaway
50	E-Enter first and confirm
50	N-Disabled
50	O-Enter and Validate
51	O-By Order Number
51	R-By Route/Load
52	C-Complete Entire Reference
52	N-Disabled
52	Y-Enabled
53	Plain text (with Reason Code lookup)
54	C-Check Order
54	L-Check Countback Level
54	N-Disabled
54	O-Check Order Password Protected
54	P-Password Protected
54	Y-Enabled
55	C-Check Order
55 55	N-Disabled
55 55	Y-Enabled
56	414-'414' - Powerhouse WMS
56	770-'770' - Oracle WMS
	A-Automatic
57 57	N-Disabled
57 57	P-Password Protected
57 50	Y-Enabled
58	G-Goods Receipt Only
58	N-Disabled
58	P-Pick Only
58	Y-Enabled



Category	Value
59	N-Disabled
59	P-At PND
59	Y-Enabled
60	P-By Order Priority
60	S-By Order Priority/Store Code
61	E-Use Estimated Values
61	N-Disabled
61	Y-Enabled
62	I-Picking Only
62	N-Disabled
62	U-Putaway Only
62	Y-Enabled
63	F-First Pick First
63	L-Last Pick First
64	F-Full Before Part
64	M-Mixed Sequence
65	M-Multi Marshalling Locs
65	N-Disabled
65	R-Require new Location
65	S-Suggest new Location
65	Y-Enabled
66	M-Minutes
66	S-Seconds
67	A-Automatic
67	N-Disabled
67	Y-Enabled
68	D-Per Despatch Pallet
68	N-Disabled
69	I-Task Identifier
69	S-Stock/Sell-By-Date
70	B-Both
70	I-Incoming
70	O-Outgoing
71	00-Default Identifiers
71	01-Stock (240) Then GTIN (01)
72	N-Disabled
72 72	R-Returns Only Y-Enabled
73 73	A-Authorisation Required E-Error
73 73	N-None
73 74	W-Warning
74 74	C-Check Case scans only
74 74	N-Disabled
74 74	U-Check Unit scans only
74 75	Y-Check Case and Unit scans
75 75	1-Up Odd, Up Even
75 75	2-Up Odd, Down Even
75 75	3-Up Even, Up Odd
75 75	4-Up Even, Down Odd
75 75	5-Down Odd, Down Even
75 75	6-Down Odd, Up Even
75	7-Down Even, Down Odd



Category	Value
75	8-Down Even, Up Odd
76	C-Customer Batch
76	E-Error
76	P-Pallet ID
76	S-Sell By Date
77	F-Full Pallets
77	N-Disabled
78	M-Multiple Orders
78	S-Single Order
79	A-Ascending Aisle
79	B-Ascending Aisle/Bay
79	N-Default
80	D-Default
80	R-Reduced
81	Plain text (with Reason Code lookup & Blank)
82	C-Loc/Case/Unit/Rot
82	Q-Loc/Qty/Area
83	B-Part Picks and Full Pallet Picks
83	D-Disabled
83	F-Full Pallet Picks Only
83	P-Part Picks Only
	*
9001	-Standard site (No bespoke rules)
9001	BIBBY-Bibby
9001	BRAC-Culina Brackmills (HOD)
9001	BRETT-Bretts Transport
9001	CENT-Century Logistics
9001	CERT-Culina Port Salford (PS)
9001	COV-DHL Coventry
9001	DHLSKM-DHL Skelmersdale
9001	ELLIS-Ellis Hanworth
9001	FURRY-DHL EXEL Furry Park
9001	FWLMA-XKO Sites
9001	HAN-Hanson
9001	HODD-Culina Hoddesdon (OCT)
9001	MOR-Moran
9001	NIJ-DHL EXEL Healthcare
9001	POD-Port Of Dover
9001	POT-Potter
9001	SCH-Schenker
9001	TBI-DHL EXEL Dublin RHR
9001	TBW-DHL EXEL Whitwood
9001	TNT-TNT
9002	JJD-JJD
9003	B-Blank
9003	C-Largest Case Qty First
9003	Q-Largest Quantity First
9003	S-Sort By Product Strength
9004	B-Disabled
9004	P-By Picking Container and Location
9006	N-Disabled
9006	S-Allow Shortages
9006	Y-Required
9007	Plain text (with Media Type lookup)



5.2 Printing from the WCS

There are many ways in which printers can be set up for WCS use.

- The printers can be fixed or wireless.
- They can be Windows printers (networked or direct connect), UNIX queues or Wireless (via TCP/IP settings).

For all except wireless, this requires the set-up of a Windows printer (or queue). The WCS is then informed of the printer???s existence using the WCS Maintenance Printers Maintenance form.

Note: Although these methods can be used for standard network printers, it is recommended that the printer then be used exclusively for WCS printing.

5.2.1 Setting Up Wired Windows Printers

The printer must first be set up on the RDT or WCS server. This should be done following your network administration policy.

Once this is completed in Windows, the printer must then be set up for the WCS to recognise. To do this, use the WCS Maintenance Printers Maintenance screen.

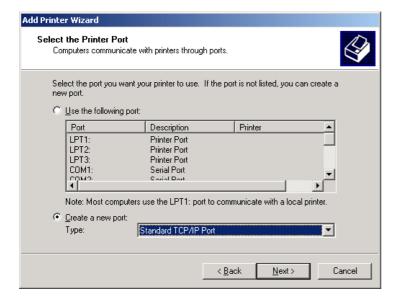
5.2.2 Wireless Printing

You can set up a Windows printer for the wireless printer, using the TCP/IP settings or, more commonly, the WCS can be set up for direct printing.

5.2.3 Windows Queue

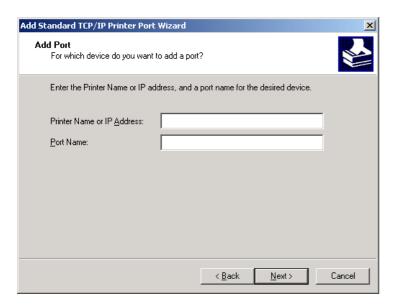
This method is extremely similar to setting up Windows printers (see 4.2), but the method for setting up the Windows queue is different. You should follow your network administration policy for setting up printer queues. The following demonstrates how the printer would be set up:

Add a new printer from the Control Panel. Choose to set up a local printer, and choose the option to create a new port, as below:



Choose Standard TCP/IP port. At this point, you will be taken through the following wizard.





When this port is added, the first Windows Printer wizard will be completed, and allow you to test print.

Once this is completed in Windows, the printer must then be set up for the WCS to recognise. To do this, use the WCS Maintenance Printers Maintenance screen, choosing the queue from the drop-down list of Windows printer queues.

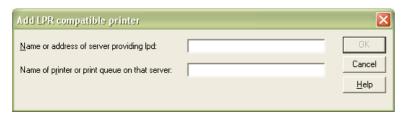
5.2.4 UNIX Queue

This is similar to the Windows Queue setup (above).

Add a new printer from the Control Panel. Choose to set up a local printer, and choose the option to create a new port, as below:



Choose LPR port. At this point, you will be taken through the following wizard.





Enter the name or IP address of the UNIX machine hosting the queue, followed by the name of the printer queue on that server. Click OK when this is completed.

You will then be prompted through the standard 'Install Printer Software' dialogue - choose 'Generic/Text Only' as the Manufacturer/Printer.

Once this is completed in Windows, the printer must then be set up for the WCS to recognise. To do this, use the WCS Maintenance Printers Maintenance screen, choosing the queue from the drop-down list of Windows printer queues.

5.2.5 Direct Connect

Note: This is the normal set-up for wireless printing in the WCS.

In this option, the printer merely needs to be set up within the WCS Maintenance Printers Maintenance screen.

