

DC RF System for AEON Malaysia	Version : 1.0.6
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User Manual of DC RF System for AEON Malaysia

(Version 1.0.6)



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Revision History

Date	Version	Description	Modified By
01/25/2010	1.0.0	Initial version	Zhiwen Deng
05/17/2010	1.0.1	<ol style="list-style-type: none"> 1. Browse of all functions were changed. 2. The operation flow of Stock-Point picking was changed. 3. The operation flow of X-Dock Consolidation Sorting was changed. 	Zhiwen Deng
06/09/2010	1.0.2	1. Complete all the DO only 1 time. After user completed the DO, HHT system will send all the DO data to PROFIT at once.	Zhiwen Deng
06/17/2010	1.0.3	1. Update the image of screen Load Manifest-Confirmation.	Zhiwen Deng
06/30/2010	1.0.4	1. In X-Dock Consolidation Sorting, add two screen to display stores and items that still pending to sort.	Zhiwen Deng
04/15/2011	1.0.5	<p>Block key in by keypad for certain function in DC RF program.</p> <ol style="list-style-type: none"> 1. Stockpoint Receiving <ul style="list-style-type: none"> - DO Numbeerr - Barcode/Item 2. Receiving by Store <ul style="list-style-type: none"> - DO Number - Cartrack Number - Barcode/Item 3. Consolidation Receiving <ul style="list-style-type: none"> - DO Number 	Zhiwen Deng
3/20/2012	1.0.6	Change Jusco to AEON	Li xin qiang

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1. Introduction

This document is intended to describe how to use the AEON Malaysia DC RF system. The DC RF system was developed by Schmidt and it includes Data Transfer with PROFIT under UNIX platform, RF Data Transfer for online operation, and mobile application on the terminal MC3090 of WinCE platforms. The following functions are provided in HHT program for data capture of transaction operation in AEON Malaysia DC:

1) Stock-Point Operations

- Stock-Point Receiving
- Stock-Point Picking

2) X-Dock Operations

- X-Dock Receiving by Store
- Consolidation Receiving
- Consolidation Sorting
- X-Dock Combine

3) Loading

- Load Adjustment
- Delivery Information
- Load Manifest

The following abbreviations are used in this document:

HHC, HHT : *Handheld Computer (MC3090 terminals)*

CE.NET : *Windows Embedded OS CE.NET is used in MC3090*

PC : *Personal Computer*

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2. System Requirement

2.1 Hardware Requirement

Components	Hardware requirement	
RF Server	As database and application sever machine for central database connection for RF application.	
	CPU	Inter P4 Xeon 3.0G (Quad-core)
	Memory	4G Ecc
	Hard disk	SCSI 146G X 2 (Raid 0+1). Configuration Requirement: - Use server hard disk C drive for system software installation. - Install software include: Windows OS, SQL Server 2005, DC RF System, and etc. - Use server hard disk D driver for database storage.
	Network Card	100M
PC Workstation	PC workstation for data query and reporting.	
	CPU	P4 1.6G
	Memory	At least 512M and recommend is 1G
	Hard disk	At least 20G and recommend is 40G available
	Network Card	100M
	Communication Port	USB
Report Printer	Receipt/Report Printer: Laser / Receipt printer Laser / dot-matrix receipt printer for operation receipt or report printing.	
Label Printer	Barcode Label Printer: SATO CL408 or Zebra barcode label printer.	
HHT (MC3090)	RF terminal for DC operation in 3 DCs.	
	CPU	Intel Xscale 520Mhz.
	ROM	64M
	RAM	64M

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2.2 Software Requirement

Application	Software Requirement	
RF Server	Operation System	Windows Svr Ent 2003 R2 English OLP NL (32bit OS)
		Microsoft .NET Framework 2.0 or above
		IIS Web Server 5.0 or later version
		IE 6.0 or later version
		FTP Server for program version upgrade
	Database	SQL Svr Std Edtn 2005 Win32 English 1 Proc
Application Software	DC RF System - Interface Service Program for PROFIT - Schmidt Web Service Middleware	
PC Workstation	Operation System	Windows 2000 Prof. / XP / Vista (32 bit OS)
		Windows Installer 3.1
		Microsoft .NET Framework 2.0 or above
		IE 6.0 or later version
	Application Software	DC RF System
HHT (MC3090)	OS	CE.NET 5.0 for new terminals
	Application Software	DC RF System - RF Application - Schmidt Web Service Client - Schmidt Auto-upgrade Software Client

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3. HHT Application

3.1 System Register

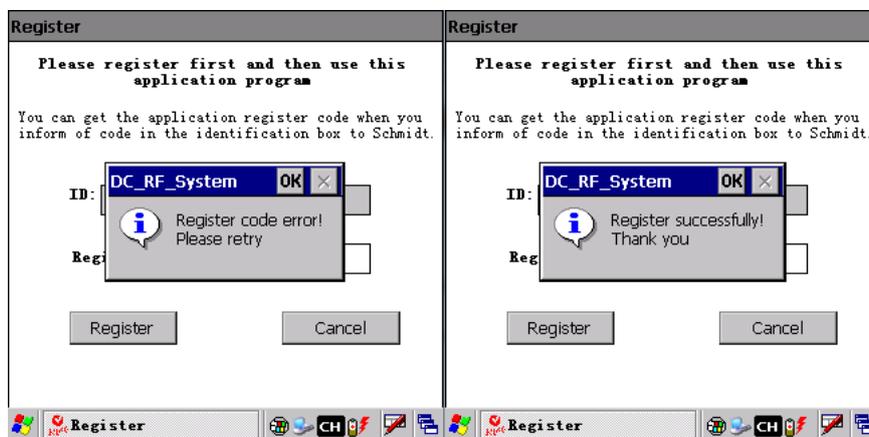
Run this HHT program in handheld first time, there will request user to register as the following screen.



Figure 3.1.1 – System Register Screen

Input the Register code in the input box in the form of Figure 3.1.1 and press then [ENT] button in handheld keyboard or click the [Register] button to submit the register data. You can get the register code from Schmidt.

If the register code is incorrect, program will prompt an error message as Figure 3.1.2(a) and request user to re-input, else will prompt the register successfully message as Figure 3.1.2(b).



(a)

(b)

Figure 3.1.2 – Message screen of System Register

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When register successfully, program will go to the splash screen to check the version for auto upgrade as Figure 3.2.

3.2 Software Auto upgrade

The splash screen will show to check version and upgrade when there have new version of the program as below.

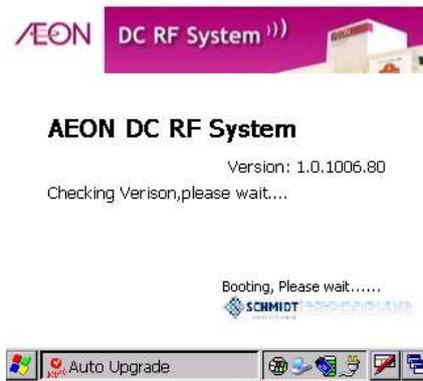


Figure 3.2.1 –The splash screen

When there have new version for the program to upgrade, the program will connect to the upgrade server to download the upgrade files and recover the old files. When upgrade successfully, the program will exit, user have to restart the program manually. If no need to upgrade, program will go to the Login screen as Figure 3.3.1.

3.3 Login

When application is started, the “Login” screen will display as below. The HHT application provides user access control for security, only authorized user can log into the system.

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Figure 3.3.1 –The Login screen

When the form has loaded, the field “Warehouse” and “HHC ID” will display automatically. User need to input his “User Name” and “Password” to login.

There have two ways to submit the login information:

- 1).Input User Name and Password, then press the [ENT] key in the handheld keyboard.
- 2).Input User Name and Password, then click the [Login] button in the Login screen.

There have two ways to exit the program too:

- 1).Click the [Exit] button in the Login screen.
- 2).Press the [Esc] key in the handheld keyboard.

If user input the incorrect User Name or Password, program will prompt a warning message as below.

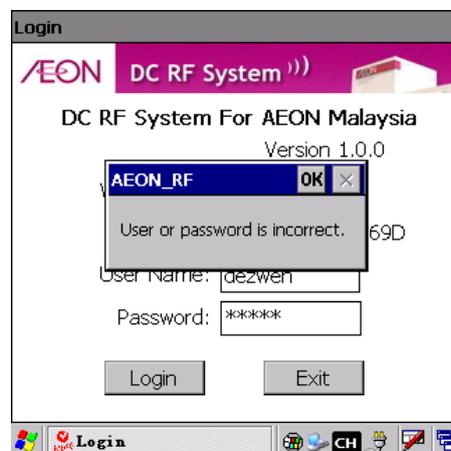


Figure 3.3.2 –Message screen of Login

When login successfully, program will go to the main menu screen as Figure 3.4.1.

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3.4 Main Menu

After user log into HHT application, program displays the available functions in main menu by assigned function list for the user group which relevant to the login user. The HHT application lists the available functions in Main Menu screen. User can click the corresponding button to activate the relevant functional operation.



Figure 3.4.1 –The Main Menu screen

The following buttons are available in “Main Menu” screen:

Button	Event
1) [1. Stock-Point Operations]	Click and go to “Stock-Point Operations” function option screen.
2) [2. X-Dock Operations]	Click and go to “X-Dock Operations” function option screen.
3) [3. Loading]	Click and go to “Loading” option screen.
4) [4. System Settings]	Click and go to “System Settings” function.
5) [0. System Logout]	Click and return to Login Screen

3.5 System Settings

After select the “System Settings” function in the main menu screen as Figure 3.4.1, program will display the following System settings screen. This screen will display the settings about

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Warehouse, HHT ID, System Date and System Time.



Figure 3.5.1 –The System Settings screen

The following buttons are available in “System Settings” screens:

Button	Event
1) [OK]	Click to return to Main Menu.
2) [Cancel]	Click to return to Main Menu.

3.6 Stock-Point Operations

After selected the “Stock-Point Operations” in the main menu screen as Figure 3.4.1, the following Stock-Point Operations screen will be displayed.

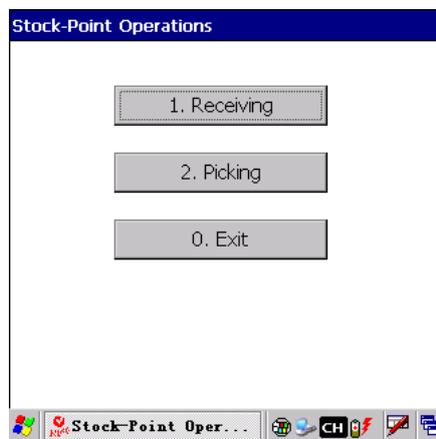


Figure 3.6.1 – Stock-Point Operations screen

User can click the relation button or enter the relation number to enter the function or return to the

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main menu screen.

The following buttons are available in sub-menu of “Stock-Point Operations” screen:

Button	Event
1) [Receiving]	Click and go to “Receiving” function.
2) [Picking]	Click and go to “Picking” function.
3) [Exit]	Close the current function and return to “3.4.1 Main Menu” screen.

3.7 Stock-Point Receiving

The function “Stock-Point Receiving” is used to receiving goods from supplier according to DO No. After selected “Receiving” function in the Stock-Point Operations screen, program will enter the Stock-Point Receiving function and display the following receiving input screen.

Figure 3.7.1 – Input Screen of Stock-Point Receiving

For Data Input – The operation steps are listed as below for Stock-Point Receiving:

- 1) Scan DO NO in field “DO No.”.
 - If DO No. can be found in back end database of DC RF system, the information of the current DO will be displayed as Figure 3.7.2, that include: supplier, delivery date, number of received and total item in the current DO; else program will clear all fields in the screen and prompt an error message as Figure 3.7.4.

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- If the current DO has been completed and printed the receiving note, program will prompt a message as Figure 3.7.3 to let user to confirm to re-print the receiving note or not.

Figure 3.7.2 – Input Screen of Stock-Point Receiving -> DO NO Input

Figure 3.7.3 – Input Screen of Stock-Point Receiving -> Re-print

When user choose to re-print, program will send a command to the DC Server to reprint the current receiving note and clear all fields in the input screen of Stock-Point Receiving, if user choose not to re-print, program will clear all fields in the input screen of Stock-Point Receiving to let user to rescan/re-input an un-receiving DO.

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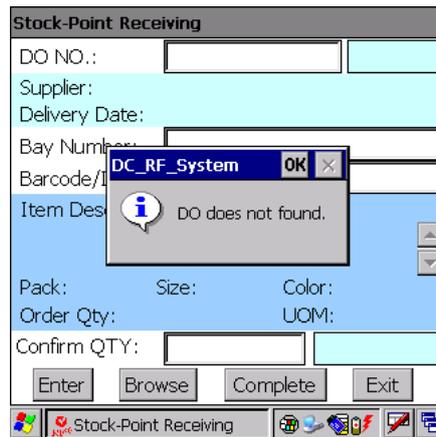


Figure 3.7.4 – Input Screen of Stock-Point Receiving -> DO not found.

- 2) Input “Bay Number”;
- 3) Scan Barcode/Item Code of merchandise in field “Barcode/Item”. If item can’t be found in back end database, or does not belong to the current DO No. program prompt error message “Item does not found” or “ Item does not belong to the current DO.” as Figure 3.7.5(a); else program displays item information as Figure 3.7.5(b) which includes barcode, item code, item description, pack, , size, color, UOM and order quantity, and order quantity will be set in field “Confirm Qty” as default value;

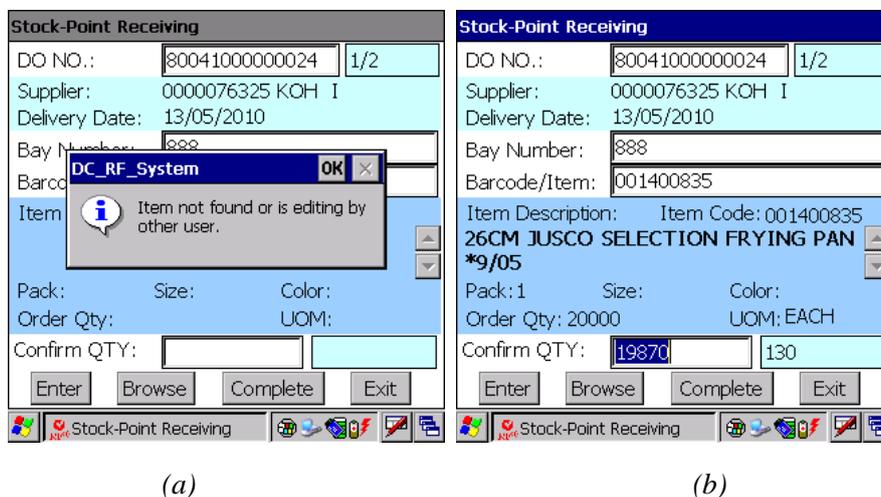


Figure 3.7.5 – Input Screen of Stock-Point Receiving -> Item Input

- 4) User can re-input confirm quantity in field “Confirm Qty”;
- 5) Press “Enter” key in field “Confirm Qty” or click button “Enter” to save current record; Program will prompt warning message as Figure 3.7.6 to user if operation is not compliant with the business rule:

- Confirm QTY is not equal to order QTY;

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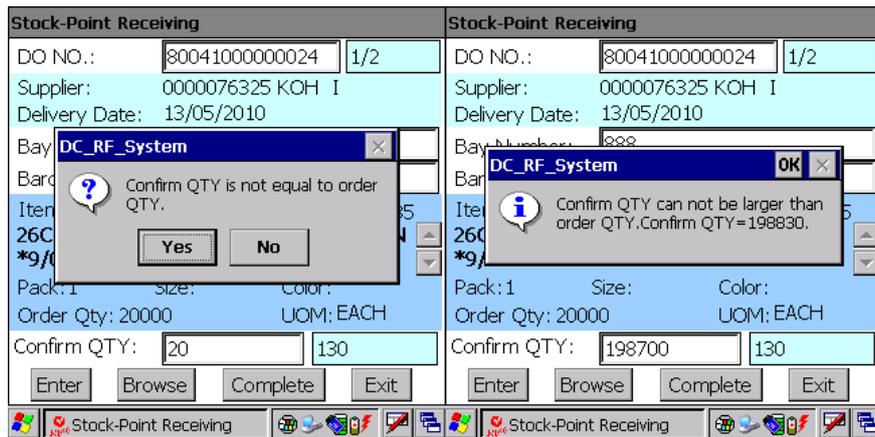
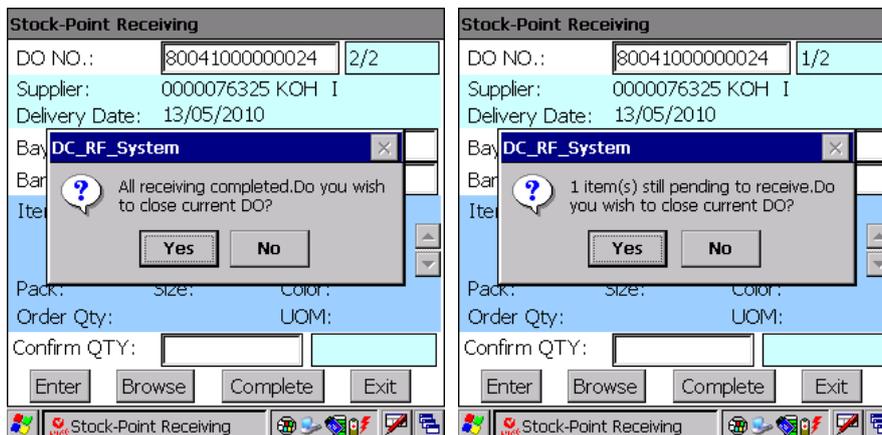


Figure 3.7.6 – Input Screen of Stock-Point Receiving - > Confirm Qty

- 6) Repeat steps 4 to 7 for more goods receiving in the current DO;
- 7) User can press ESC key [CLR] on terminal keypad or click “Bayer Number” text box to set input focus for Bay number input if need to change;
- 8) If all goods receiving of the current DO have been completed, program will prompt message as *Figure 3.7.7 (a)* to inform user; or if user directly press button [Complete] to confirm goods receiving completed even still have open item records but no physical goods can be received, then program will prompt message with how many item still pending as *Figure 3.7.7 (b)* to inform user:



(a)

(b)

Figure 3.7.7 – Input Screen of Stock-Point Receiving -> Complete Confirmation

- 9) User can click button “No”, program will keep in the previous screen. If user click button “Yes”, then program will prompt a message as *Figure 3.7.8* to inform user that goods receiving completed and send upload data to PROFIT to print Receiving Note directly:

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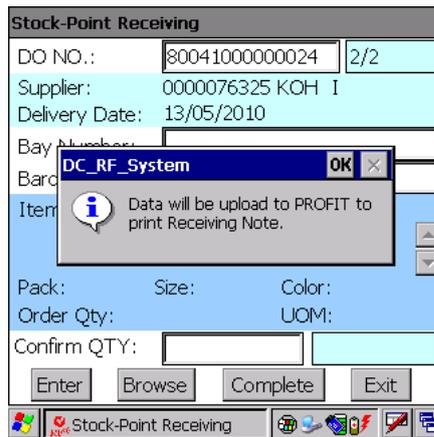


Figure 3.7.8 – Input Screen of Stock-Point Receiving -> Complete

- 10) After complete previous DO receiving, program will close the current PO and clear all field of screen, and cursor will be replaced to field “DO No.”, program waiting for scan or input another DO barcode;
- 11) Repeat steps 1 to 12 for next DO No. and other goods receiving;
- 12) User can press button [Exit] to close the current function and return to Stock-Point Receiving Option menu screen.

The following buttons are available in “Input Screen of Stock-Point Receiving” screen:

Button	Event
1) [Enter]	Click and save current record.
2) [Browse]	Click and browse all goods that belong to the current DO No.
3) [Complete]	Click and confirm goods receiving have been completed and upload data to PROFIT to print receiving note.
4) [Exit]	Whatever user has finished receiving or not for current DO No., close the current function and return to “3.6.1 Stock-Point Operations” menu screen.

Remark:

- 1) There are 4 input modes for all field which scan barcode of program:
 - a) scan barcode;
 - b) scan item barcode(13 digits barcode which start with ‘20’ or ‘22’ or ‘23’, please refer to Appendix 5.1 Item Master Format for detail coding

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- c) input barcode;
- d) input 9 digits item code;

If program can find the item code from relevant data file, it will be displayed in field ‘Item Code’; else program prompt “Item not found” error message;

- 2) For all module, the quantity will be replaced with the new input value when the same goods was scanned or inputted again;
- 3) It is allowed to search goods information by scan barcode for all Browse function of module

For Data Browse - after user input a valid DO NO in the input screen of Stock-Point Receiving and click the “Browse” button, program will display the Browse screen as below.



Figure 3.7.9–Browse screen of Stock-Point Receiving

As Figure 3.7.9, the browse screen will show the DO information in the grid. User can view each item in the screen as figure 3.7.10 by double click the item in the grid or scan barcode/item in the barcode/item field and press “Enter” key.

The table below is the description for the buttons in the browse screen.

Button	Event
1) [Enter]	User can click this button to browse or edit all goods that belong to the current DO as Figure 3.7.10.
3) [Close]	Close the current screen and return to the Input Screen of Stock-Point Receiving as Figure 3.7.1.

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Figure 3.7.10–Browse screen of Stock-Point Receiving

As Figure 3.7.10, the browse screen will show the DO information by item. User can view each item by Record navigation button or arrow function keys. Otherwise, in this screen user can edit the Confirm Qty of item.

The table below is the description for the buttons in the browse screen.

Button	Event
1) [] or [←] [↑] [↓] [→]	Record navigation buttons or arrow function keys, program can go to the first record, previous record, next record or the last record of current DO No.
2) [Edit]	User can click this button to edit data of and “Confirm Qty” of the current record.
3) [Close]	Close the current screen and return to the Input Screen of Stock-Point Receiving as <i>Figure 3.7.9</i> .

3.8 Stock-Point Picking

The function “Stock-Point Picking” is used to capture information for pick goods to Cart Rack. After selected “Picking” function in the Stock-Point Operations screen, program will enter the Stock-Point Picking function and display the following picking input screen.

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Figure 3.8.1 – Input screen of Stock-Point Picking

For Data Input – The operation steps are listed as below for Stock-Point Picking:

- 1) Scan/Input Picking List Number, and store code will display. If the Pick List has been picked, program will prompt an error message as Figure 3.8.2, else system will check whether the scanned Cart Rack has been used by another store like step 1. If Cart rack check and Pick List check are pass, user can go to step 3.

Figure 3.8.2 – Stock-Point Picking -> Pick List Check

- 2) Scan/Input Cart Rack Sticker. If user scanned/input an incorrect Cart Rack No., system will prompt an error message as Figure 3.8.3(a), else if Pick List Num was input, system will check whether the scanned Cart Rack has been used by another store. If yes, program will prompt error message “Cart Rack Sticker has been used for another store.” as Figure 3.8.3(b) to let user input again;

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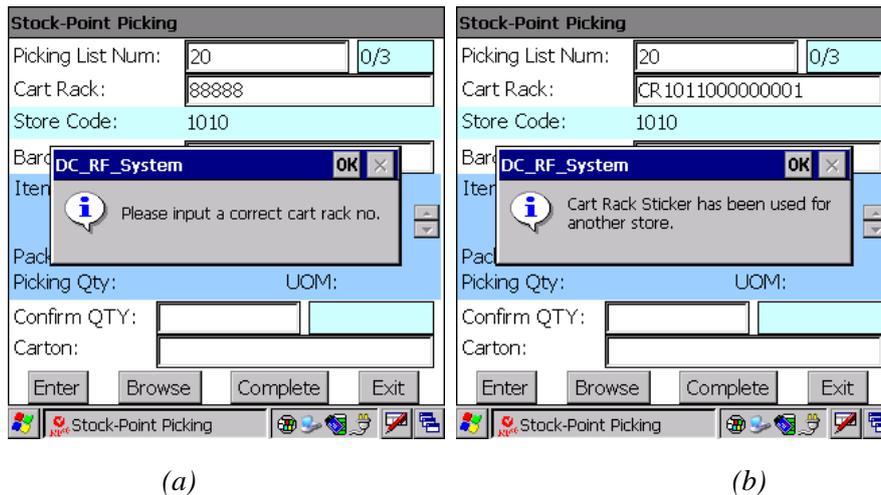


Figure 3.8.3 –Stock-Point Picking -> Cart Rack Check

- Scan/Input barcode or item code in field “Barcode/Item”; If item can’t be found in back end database, program prompt “Item not found” error message as Figure 3.8.4(a); else program displays item information as Figure 3.8.4(b) which includes item code, item description, pack, size of specification, color, UOM and picking QTY, and picking quantity will be set in field “Confirm Qty” as default value.

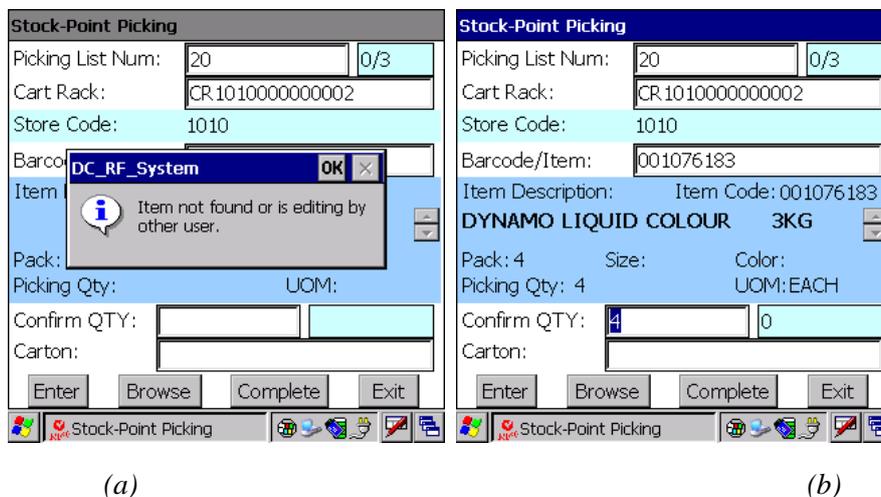
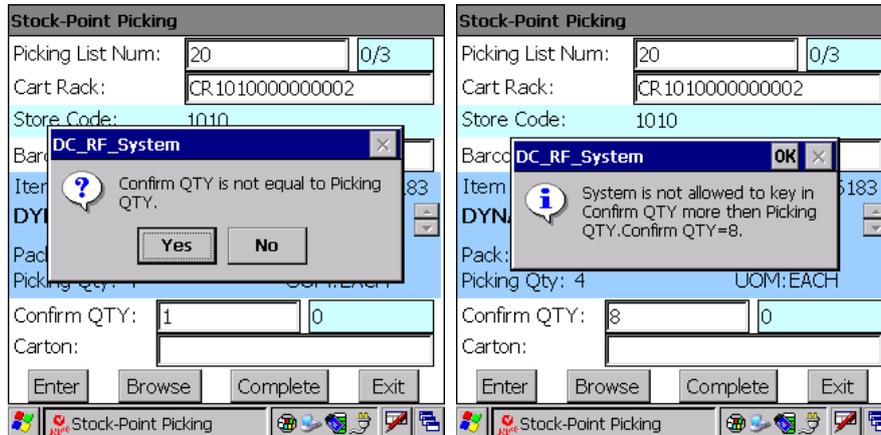


Figure 3.8.4 –Stock-Point Picking -> Barcode/Item Check

- User can re-input confirm quantity in field “Confirm Qty”;
- Enter “Confirm Qty” and key “Enter” to save current record; Program will prompt warning message as Figure 3.8.5(a) to user if operation:
 - Confirm QTY is not equal to Picking QTY;
And will prompt error message as Figure 3.8.5(b) to user if operation is not compliant with below business rule(s):

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- System is not allowed to key in Confirm QTY more than Picking QTY.



(a)

(b)

Figure 3.8.5 –Stock-Point Picking -> Confirm quantity Check

- 6) Scan/Input carton sticker ID in the “Carton” field and press “Enter” button or key “ENT”. And then program will check the input. If the input is incorrect, program will prompt messages as figure 3.8.6, else program will save the data.

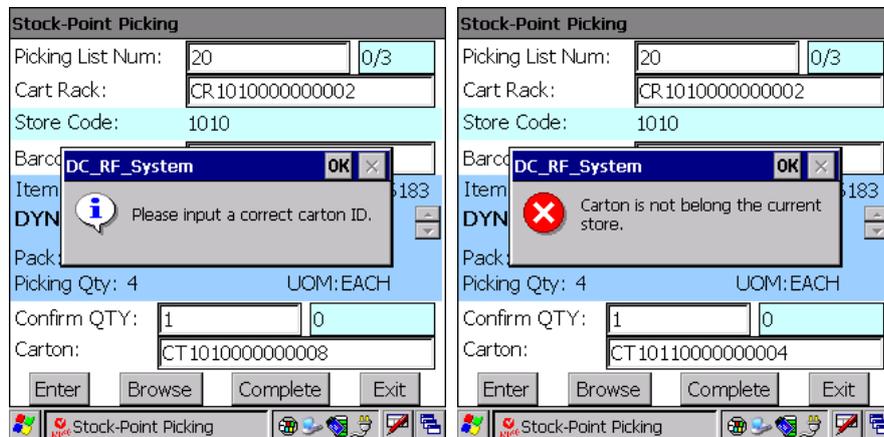


Figure 3.8.6 –Stock-Point Picking -> Record saved

- 7) The item information fields will clear to let user to re-input another item and the picked record number field will be updated when save record successfully as Figure 3.8.7;

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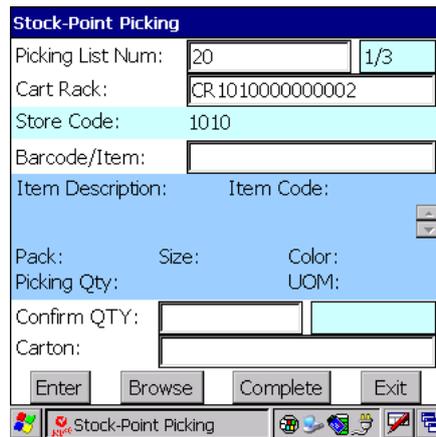
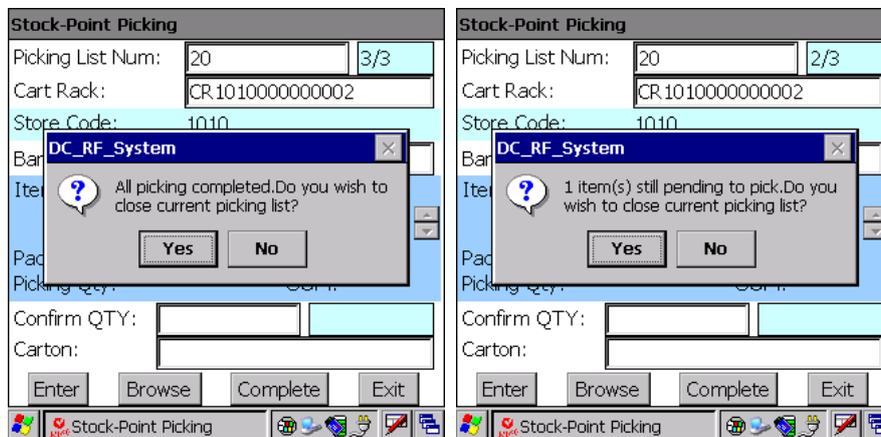


Figure 3.8.7 –Stock-Point Picking -> Record saved

- 8) Repeat steps 3 to 7 for more items data capture in current picking;
- 9) If all items in current picking list have been completed, program will prompt message as figure 3.8.8 (a) to inform user; or if user directly press button [Complete] to confirm the current picking list can be completed even still have open item records but no physical goods can be picked, then program will prompt message with how many item still pending as figure 3.8.8 (b) to inform user:



(a)

(b)

Figure 3.8.8 –Stock-Point Picking -> Complete Confirmation

- 10) User can click button “No” then program will keep in the previous screen. If user can click button “Yes”, then program will prompt below message to inform user that item picking completed and send upload data to PROFIT:

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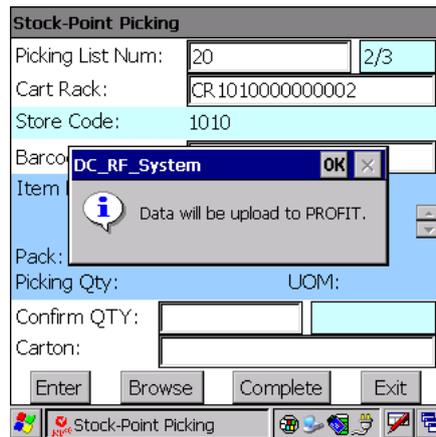


Figure 3.8.9 – Stock-Point Picking -> Data Upload Message

- 11) Repeat steps 1 to 10 for next Cart Rack & Picking List Number and other items picking;
- 12) User can press button [Exit] return to “3.6.1 Stock-Point Option” menu screen.

The following buttons are available in “Stock-Point Picking”:

Button	Event
1) [Enter]	User can click this button to save the current record.
2) [Browse]	Click this button to browse the capture picking data.
3) [Complete]	Click and confirm current picking list has been completed and upload data to PROFIT.
4) [Exit]	Close the current function and return to “3.6.1 Stock-Point Option” menu screen.

For Data Browse - after user input a valid Pick List and Cart Rack in the input screen of Stock-Point Picking and click the “Browse” button, program will display the Browse screen as below.

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Figure 3.8.10 – Browse screen of Stock-Point Picking

As Figure 3.8.10, the browse screen will show the Pick List Num information in the grid. User can view each item in the screen as figure 3.8.11 by double click the item in the grid or scan/input barcode/item in the barcode/item field.

The table below is the description for the buttons in the browse screen.

Button	Event
1) [Enter]	User can click this button to browse or edit all goods that belong to the current Pick List Num as Figure 3.8.11.
3) [Close]	Close the current screen and return to the Input Screen of Stock-Point Picking as <i>Figure 3.8.1</i> .



Figure 3.8.11 – Browse screen of Stock-Point Picking

As Figure 3.8.11, the browse screen will show the Pick List information by item. User can view

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each item by Record navigation button or arrow function keys. Otherwise, in this screen user can edit the Confirm Qty of item and delete current record. When user selected the delete operation, program will prompt a message as Figure 3.8.12 to let user confirm the delete operation.

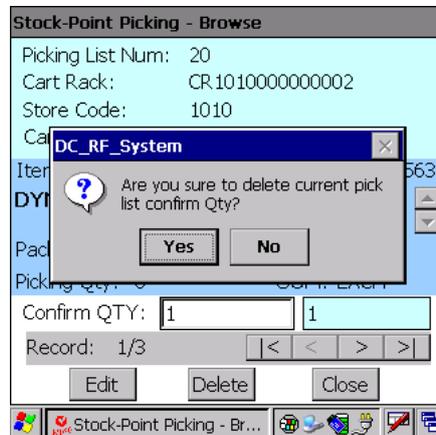


Figure 3.8.12–Stock-Point Picking Browse -> Delete Confirmation

The table below is the description for the buttons in the browse screen.

Button	Event
1) <input type="button" value=" <"/> <input type="button" value="<"/> <input type="button" value=">"/> <input type="button" value="> "/> or [\leftarrow] [\uparrow] [\downarrow] [\rightarrow]	Record navigation buttons or arrow function keys, program can go to the first record, previous record, next record or the last record of browse data.
2) [Edit]	User can click this button to edit data of “Confirm Qty” of the current record.
3) [Delete]	User can click this button to delete the current record, program will prompt message to let user confirm the record delete.
4) [Close]	Close the current screen and return to “3.8.1 Input Screen of Stock-Point Picking”.

3.9 X-Dock Operations

After selected the “X-Dock Operations” in the main menu screen as Figure 3.4.1, the following X-Dock Operations screen will be displayed.

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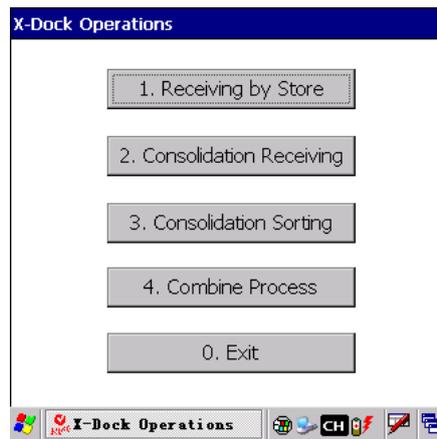


Figure 3.9.1–X-Dock Operations Screen

User can click the relation button or enter the relation number to enter the function or return to the main menu screen.

The following buttons are available in sub-main of “X-Dock Operations” screen:

Button	Event
1) [Receiving by Store]	Click and go to “Receiving by Store” function.
2) [Consolidation Receiving]	Click and go to “Consolidation Receiving” function.
3) [Consolidation Sorting]	Click and go to “Consolidation Sorting” function.
4) [Combine Process]	Click and go to “Combine Process” function.
5) [Exit]	Close the current function and return to “3.4.1 Main Menu” screen.

3.10 Receiving By Store

This function is used for receiving store by store. After user select this function, the following screen is displayed for receiving store by store:

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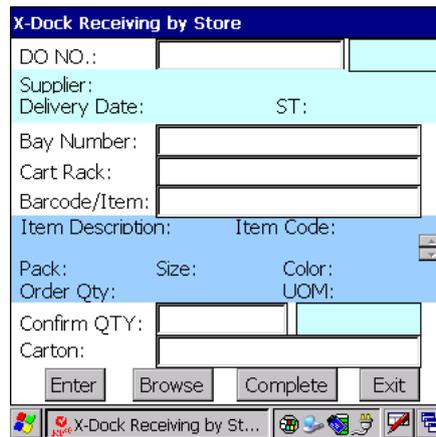
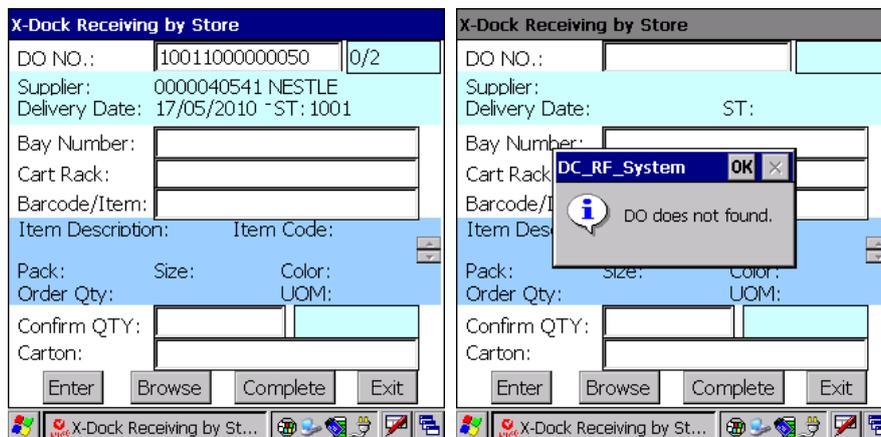


Figure 3.10.1 – Input Screen of X-Dock Receiving by Store

For Data Input – The operation steps are listed as below for X-Dock Receiving by Store:

- 1) Scan DO No. If DO No. exist in back end database, the relative information will be displayed as Figure 3.10.2(a), that include: supplier, delivery date and store code, else program will prompt an error message as Figure 3.10.2(b) to left user to re-input a current DO NO.;



(a)

(b)

Figure 3.10.2 – X-Dock Receiving by store -> DO NO. Checking

If the input DO has been completed and printed the receiving note, program will prompt a message as Figure 3.10.3 to let user to confirm to reprint the receiving note or not. When user choose to re-print, program will send a command to the DC Server to reprint the current receiving note and clear all fields in the input screen of X-Dock Receiving by store, if user choose not to re-print, program will clear all fields in the input screen of X-Dock Receiving by store to let user to re-scan/re-input an un-receiving DO.

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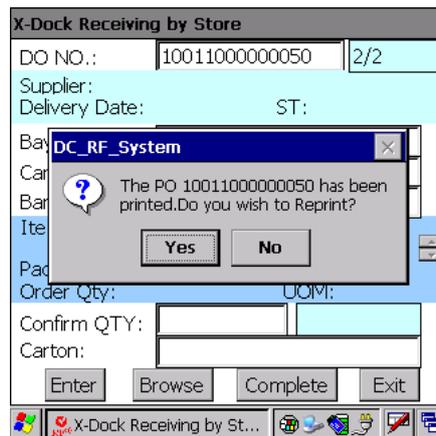
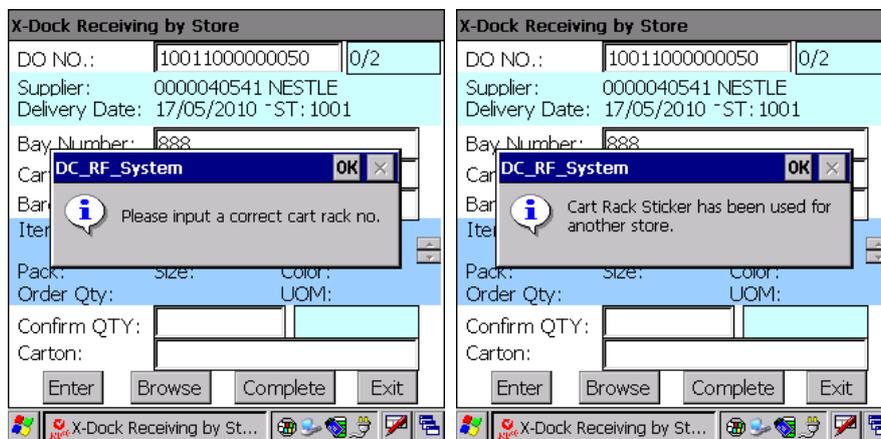


Figure 3.10.3 – X-Dock Receiving by store -> Re-print Confirmation

- 2) Scan/Input Bay Number;
- 3) Scan Cart Rack, if user scanned/input an incorrect Cart Rack No., system will prompt an error message as Figure 3.10.4(a), else system will check whether the scanned Cart Rack has been used by for another store. If yes, program will prompt error message as Figure 3.10.4(b) to let user input again;



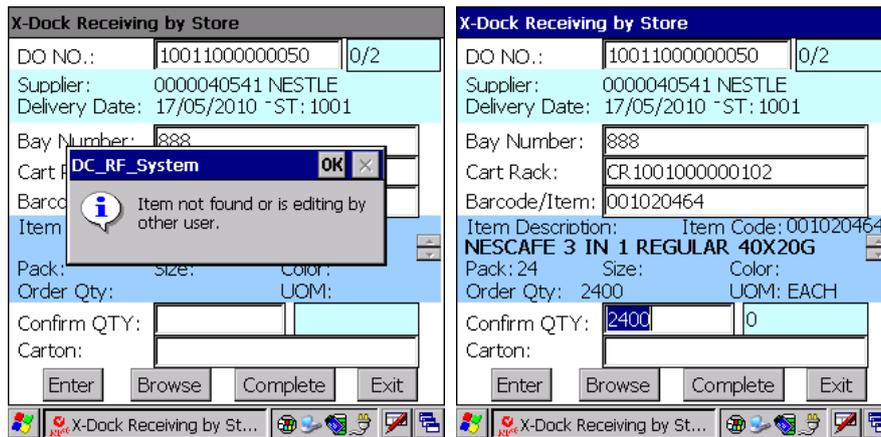
(a)

(b)

Figure 3.10.4 –X-Dock Receiving by store -> Cart Rack Checking

- 4) Scan barcode or item code in field “Barcode/Item”. If item can’t be found in back end database, or does not belong to the current DO No. program prompt error message “Item not found” or “ Item does not belong to the current DO.” as Figure 3.10.5(a); else program displays item information as Figure 3.10.5(b) which includes barcode, item code, item description, pack, , size, color, UOM and order quantity, and order quantity will be set in field “Confirm Qty” as default value;

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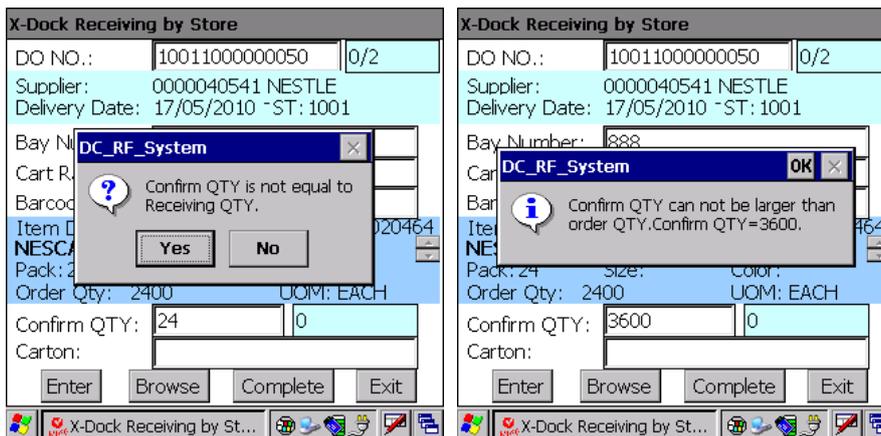
(a)

(b)

Figure 3.10.5 –X-Dock Receiving by store -> Item Checking

- For full case, one carton sticker only contains one item
 - For mix case, one carton sticker can contain multiple items
- 5) User can re-input confirm quantity in field “Confirm Qty.”;
 - 6) Press “Enter” key in field “Confirm Qty” or click button “Enter” to save current record; Program will prompt warning message as Figure 3.10.6 to user if operation is not compliant with the business rule:

- Confirm QTY is not equal to order QTY;



(a)

(b)

Figure 3.10.5 – X-Dock Receiving by store -> Confirm QTY Check

- 7) Repeat steps 4 to 7 for more goods receiving of the current carton;

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- 8) If all received goods for current carton completed and need to do carton seal, user need to click Carton Sticker field to scan/input Carton Sticker and click button “Enter” to save current carton and items received. If the input carton is incorrect format, program will prompt an error message as Figure 3.10.6(a), else if the input carton has been used then program will display error message as Figure 3.10.6(b) and need to input again.

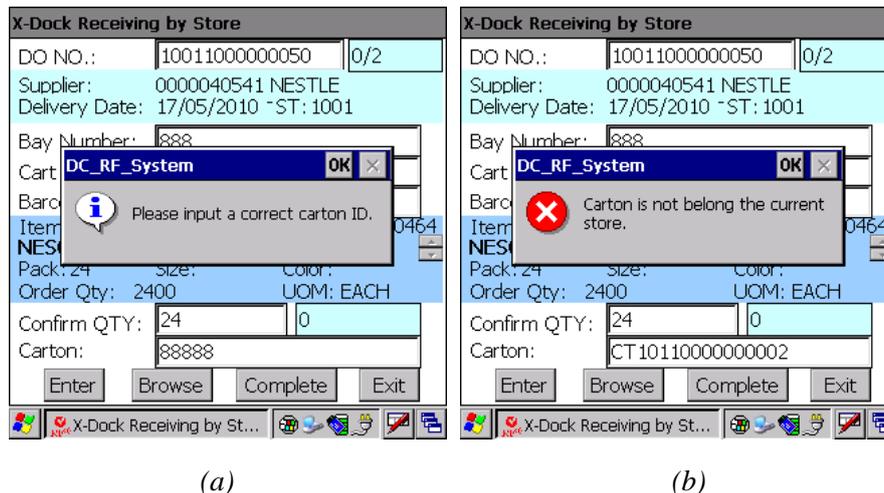


Figure 3.10.6 –X-Dock Receiving by store -> Carton Check

One carton sticker ID can only be received into one Cart Rack ID.

For same SKU item with QTY 100, if QTY 50 received to Cart Rank A and another 50 need to received to Cart Rank B, then DC will provide two different sticker IDs for these two receiving.

- 9) Click button “Enter” to save current carton and items received
- 10) Repeat steps 4 to 10 for more goods receiving of other carton;
- 11) Repeat steps 3 to 11 for more goods receiving of other Cart Rack and carton;
- 12) User can press ESC key [CLR] on terminal keypad or click “Bayer Number” text box to set input focus for Bay number input if need to change;
- 13) If all goods receiving of the current DO have been completed, program will prompt message as Figure 3.10.7 (a) to inform user; or if user directly press button [Complete] to confirm goods receiving completed even still have open item records but no physical goods can be received, then program will prompt message with how many item still pending as figure 3.10.7 (b) to inform user:

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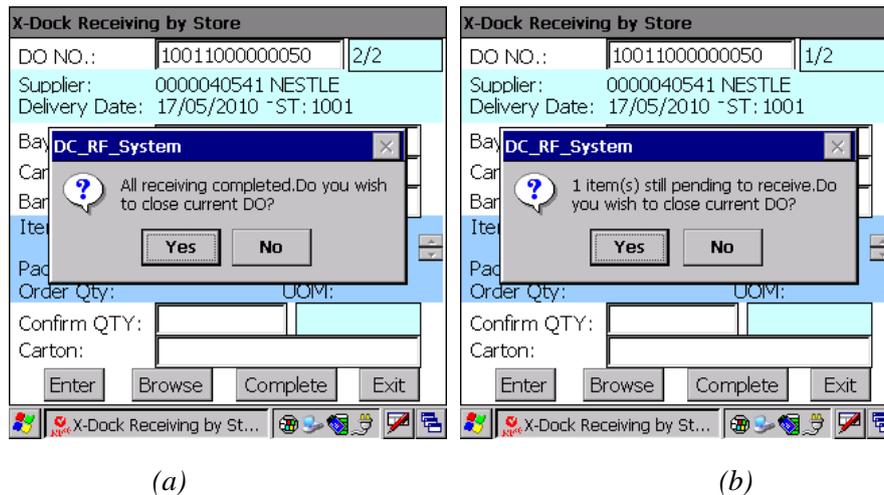


Figure 3.10.7 –X-Dock Receiving by store -> Complete Confirmation

- 14) User can click button “No”, program will keep in the previous input screen. If user can click button “Yes”, then program will prompt a message as Figure 3.10.8 to inform user that goods receiving completed and send upload data to PROFIT to print Receiving Note directly:

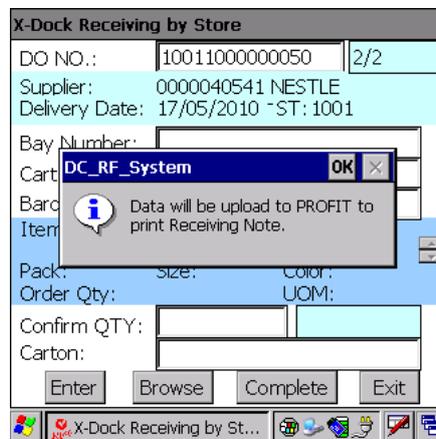


Figure 3.10.8 –X-Dock Receiving by store -> Data Upload Message

- 15) After complete previous DO receiving, program will close the current DO and clear all field of screen, and cursor will be replaced to field “DO No.”, program waiting for scan or input another DO barcode;
- 16) Repeat steps 1 to 15 for another DO receiving;

The following buttons are available in “Input Screen of X-Dock Receiving by Store” screen:

Button	Event
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1) [Enter]	User can click this button to save the current record.
2) [Browse]	Click this button to browse and edit the goods of current DO.
3) [Complete]	Click and confirm goods receiving have been completed and upload data to PROFIT to print receiving note.
4) [Exit]	Close the current function and return to “3.9.1 X-Dock Receiving Option” screen.

For Data Browse - after user input a valid DO NO in the input screen of X-Dock Receiving by store and click the “Browse” button, program will display the Browse screen as below.



Figure 3.10.9 – Browse Screen of X-Dock Receiving by Store

As Figure 3.10.9, the browse screen will show the Pick List Num information in the grid. User can view each item in the screen as figure 3.10.10 by double click the item in the grid or scan barcode/item in the barcode/item field.

The table below is the description for the buttons in the browse screen.

Button	Event
1) [Enter]	User can click this button to browse or edit all goods that belong to the current Pick List Num as Figure 3.10.10.
3) [Close]	Close the current screen and return to the Input Screen of Stock-Point Picking as <i>Figure 3.10.1</i> .

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Figure 3.10.10 – Browse Screen of X-Dock Receiving by Store

As Figure 3.10.10, the browse screen will show the DO information by carton. User can view each carton information by Record navigation button or arrow function keys. Otherwise, in this screen user can select an item in the grid and click “Edit” button or double click the selected item in the screen to enter the item receiving edit screen as Figure 3.10.12.

User can select an item in grid and click “Delete” button to delete current item from current carton. When user selected the delete operation, program will prompt a message as Figure 3.10.11 to let user confirm the delete operation.

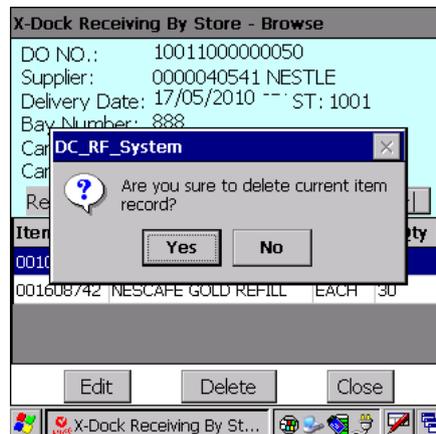


Figure 3.10.11 –X-Dock Receiving by Store Browse -> Delete Confirmation

The table below is the description for the buttons in the browse screen.

Button	Event
1) [Home] [Left] [Right] [End] or [←] [↑] [↓] [→]	Record navigation buttons or arrow function keys, program can go to the first record, previous record, next

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	record or the last record of Cart Racks and Carton Stickers for the current DO.
2) [Edit]	When users select an item record, and then click this button to go to <i>Figure 3.10.12</i> screen to edit receiving quantity for selected item.
3) [Delete]	User can click this button to delete the current item record, program will prompt message to let user confirm.
4) [Close]	Close the current screen and return to “3.10.1 Input Screen of X-Dock Receiving by Store”.

For Data Edit - after user entered the X-Dock Receiving by store –Edit function, program will display the Edit screen as below.

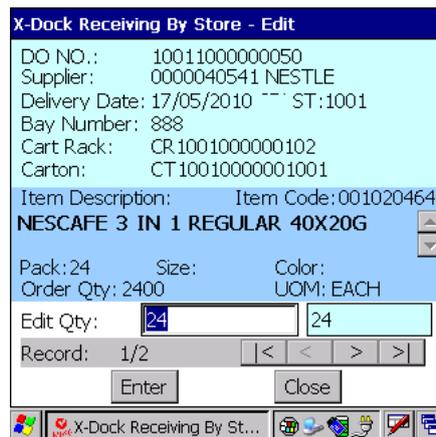


Figure 3.10.12 – X-Dock Receiving by Store -> Edit

As Figure 3.10.12, the browse screen will show the DO information by item. User can view each item information by navigation button or arrow function keys. Otherwise, user can re-input the Edit Qty and press [Enter] key in handheld keyboard or click the [Enter] button in the screen to update the receiving quantity of the current item.

User can click the [Close] button in the screen or press [ESC] key in handheld keyboard to return to the browse screen as Figure3.10.9.

The table below is the description for the buttons in the browse screen.

Button	Event
--------	-------

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1) [Enter]	Input edit quantity in field “Edit Qty”, then click this button to save edit quantity for current record.
2) [Close]	Close the screen and return <i>Figure 3.10.10</i> screen.
3) <input type="button" value=" <"/> <input type="button" value="<"/> <input type="button" value=">"/> <input type="button" value="> "/> or [←] [↑] [↓] [→]	Record navigation buttons or arrow function keys, program can go to the first record, previous record, next record or the last record of received items for current Carton Sticker.

3.11 Consolidation Receiving

This function is used to receive items for consolidation PO receiving for multiple stores. After user select this function in then X-Dock Operations screen, the following screen is displayed for receiving consolidation:

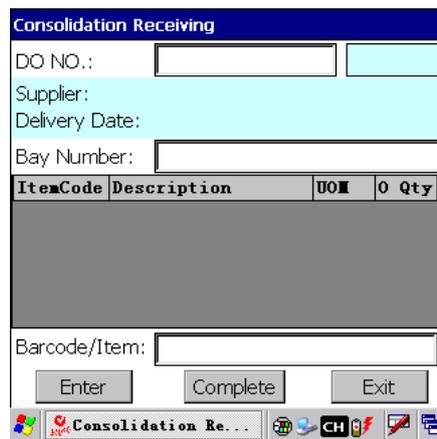


Figure 3.11.1 – Input Screen of X-Dock Consolidation Receiving

For Data Input – The operation steps are listed as below for X-Dock Consolidation Receiving:

- 1) Scan DO No. If DO No. exist in back end database, the relative information will be displayed as Figure 3.11.2(a), that include: supplier, delivery date, total item in this DO, and all item that belong to this DO will be showed in the grid, else program will prompt an error message as Figure 3.11.2(b) to left user to re-input a current DO NO.;

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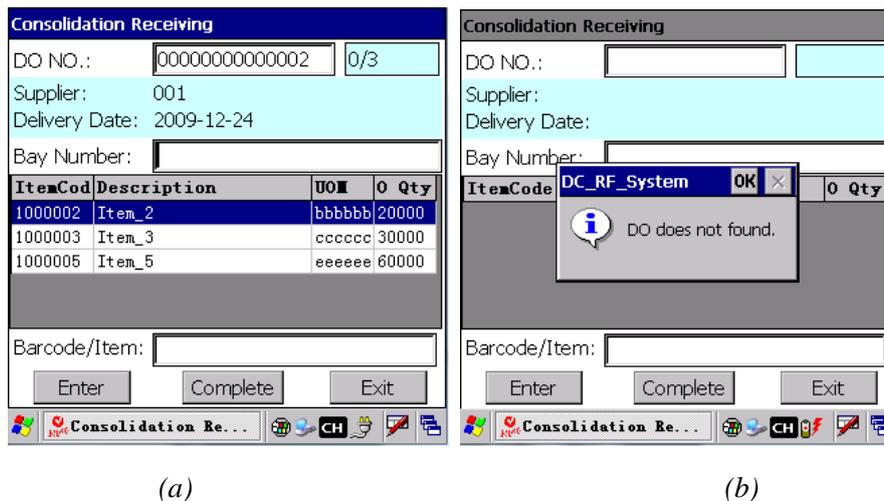


Figure 3.11.2 –X-Dock Consolidation Receiving -> DO No. Input

If the input DO has been completed and printed the receiving note, program will prompt a message as Figure 3.11.3 to let user to confirm to reprint the receiving note or not. When user choose to reprint, program will send a command to the DC Server to reprint the current receiving note and clear all fields in the input screen of X-Dock Consolidation Receiving, if user choose not to re-print, program will clear all fields in the input screen of X-Dock Consolidation Receiving to let user to re-scan/re-input an un-receiving DO.



Figure 3.11.3 –X-Dock Consolidation Receiving -> Re-print Confirmation

- 2) Input Bay Number;
- 3) Scan/Input barcode or item number in input field “Barcode/Item”; or select one record in grid, double click it or click button “Enter”, program will go into the details screen for the selected record to confirm receiving as *Figure 3.11.4*;

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Figure 3.11.4 –Consolidation Receiving -> Confirm

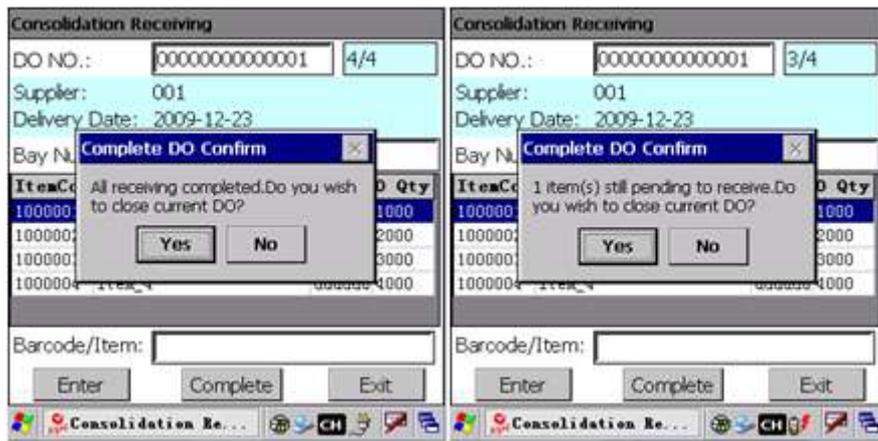
- 4) Order quantity will be set in field “Confirm Qty” as default value;
- 5) Also user can re-input confirm quantity in field “Confirm Qty.”;
- 6) Scan Barcode of Receiving Label;
- 7) Press Enter key or click button “Confirm” to save current record, then program close this screen auto, and return to 3.11.2(a) screen;
- 8) Click button “Cancel” in 3.11.4 screen, program will cancel and does not save current record, and return to 3.11.2(a) screen
- 9) Repeat steps 3 to 8 for other goods receiving;
- 10) If user clicks button “Exit” in the screen, and some goods still not be received for the current DO, program will prompt a message as Figure 3.11.5 to inform user:



Figure 3.11.5 –X-Dock Consolidation Receiving -> Exit Confirmation

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- 11) If user clicks button “Yes”, program go on to receiving input screen again; else if program go to step 12;
- 12) If all goods receiving of the current DO have been completed, program will prompt message as Figure 3.11.6 (a) to inform user; or if user directly press button [Complete] to confirm goods receiving completed even still have open item records but no physical goods can be received, then program will prompt message with how many item still pending as Figure 3.11.6 (b) to inform user:



(a)

(b)

Figure 3.11.6 –X-Dock Consolidation Receiving -> Complete Confirmation

- 13) User can click button “No”, program will back to the input screen. If user click button “Yes”, then program will prompt a message as Figure 3.11.6 to inform user that goods receiving completed and send upload data to PROFIT to print Receiving Note directly:

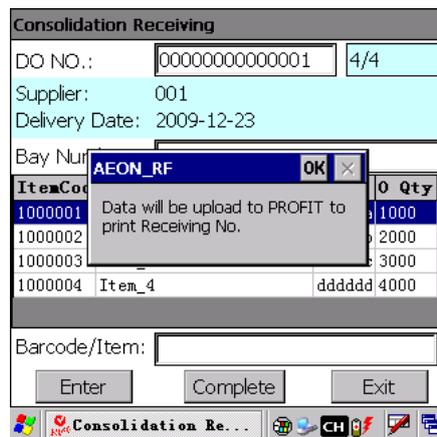


Figure 3.11.7 –X-Dock Consolidation Receiving -> Data Upload Message

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- 14) After complete previous DO receiving, program will close the current DO and clear all field of screen, and cursor will be replaced to field “DO No.”, program waiting for scan or input another DO barcode;
- 15) Repeat steps 1 to 14 for another DO Receiving;
- 16) Press button [Exit] return to *Figure 3.9.1* “X-Dock Operations” option screen.

The following buttons are available in “Input Screen of Consolidation Receiving”:

Button	Event
1) [Enter]	Select a record to confirm receiving.
2) [Complete]	Click and confirm consolidation receiving have been completed and upload data to PROFIT to print receiving note.
3) [Exit]	Close the current function and return to “3.9.1 X-Dock Operations” screen.

3.12 Consolidation Sorting

The function “Sorting” is used to sort goods for consolidation receiving. After user select this function, the following screen is displayed for sorting data input:

Figure 3.12.1 – Input Screen of X-Dock Consolidation Sorting

For Data Input – The operation steps are listed as below for X-Dock Consolidation Sorting:

- 1) Scan/Input Receiving Label;

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- 2) Scan/Input Cart Rack sticker, If user scanned/input an incorrect Cart Rack No., system will prompt an error message as Figure 3.12.2(a), else program will prompt error message as Figure 3.12.2(b) and user need to input again;

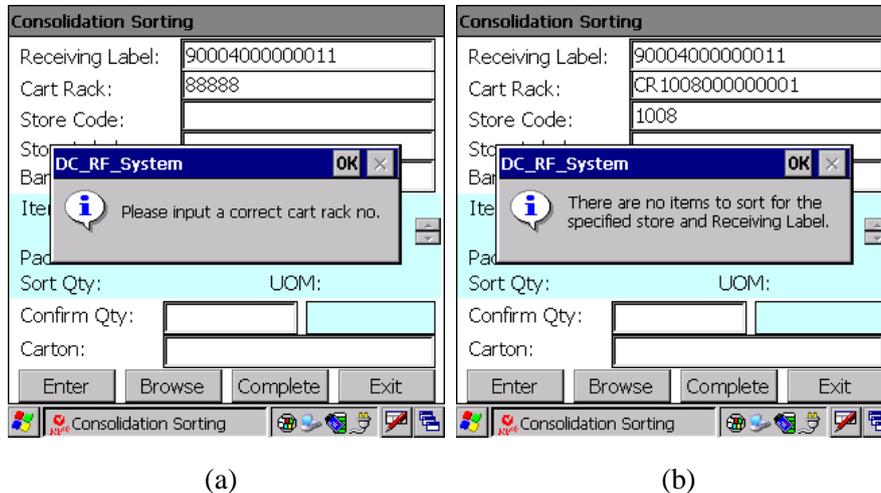


Figure 3.12.2 – X-Dock Consolidation Sorting -> Cart Rack Check

- 3) Program displays store code base on the barcode format of Cart Rack;
- 4) Scan/Input store Label;
- 5) Scan/Input barcode or item code in field “Barcode/Item”. If item can’t be found in back end database then program prompt error message as Figure 3.12.3(a); else all item information will be showed in screen as Figure 3.12.3(b), that include: barcode, item code, item description, pack, size, color, receiving QTY and UOM;

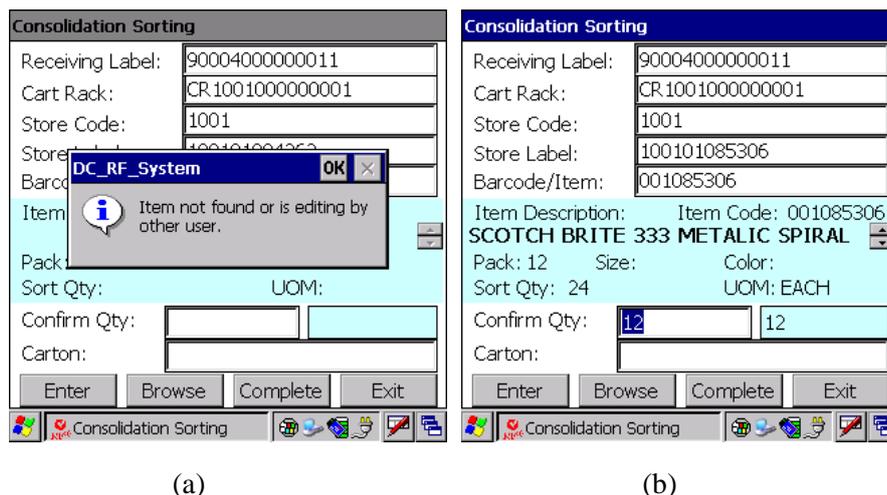


Figure 3.12.3 – X-Dock Consolidation Sorting -> Barcode/Item Input

- 6) User can re-input confirm quantity in field “Confirm Qty”;

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7) Press “Enter” key in field “Confirm Qty” or click button “Enter” to save current sorting record. Program will prompt warning message as Figure 3.12.4 to user if operation:

- Confirm QTY is not equal to Picking QTY;

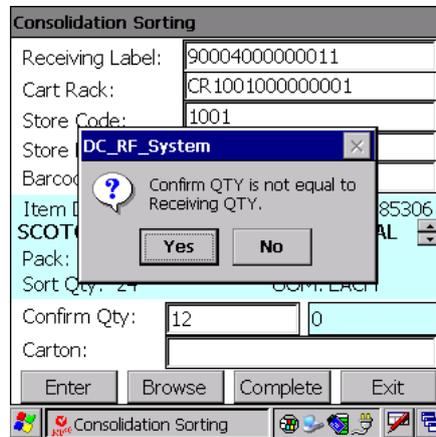


Figure 3.12.4 – X-Dock Consolidation Sorting -> Confirm Qty Check 1

And will prompt error message as Figure 3.12.5 to user if operation is not compliant with below business rule(s):

- System is not allowed to key in Confirm QTY more than Picking QTY.

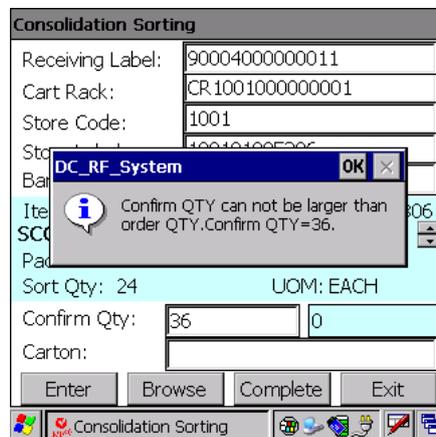


Figure 3.12.5 – X-Dock Consolidation Sorting -> Confirm Qty Check 2

8) Scan/Input carton sticker ID in the “Carton” field and press “Enter” button or key “ENT”. And then program will check the input. If the input is incorrect, program will prompt messages as figure 3.12.6, else program will save the data.

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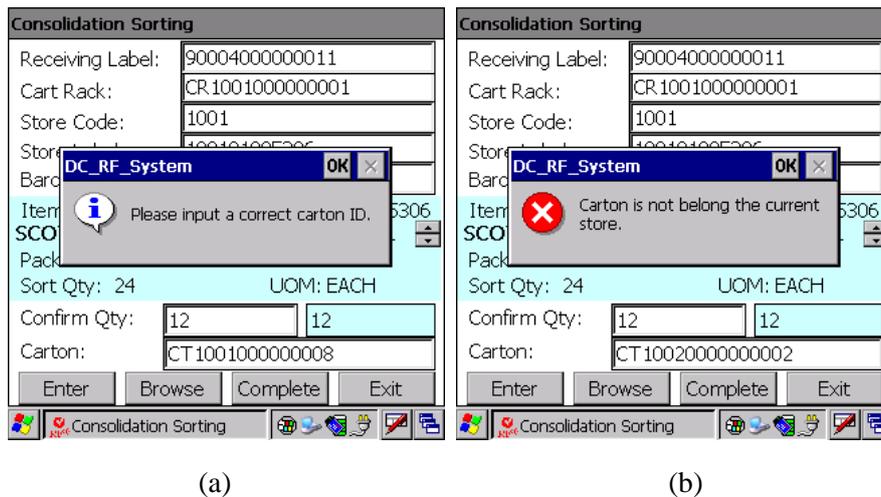


Figure 3.12.6– X-Dock Consolidation Sorting -> Carton Check

- 9) Repeat steps 3 to 8 for more item sorting in current cart rack;
- 10) Repeat steps 2 to 9 for more item sorting in other cart rack;
- 11) If the sorting for particular Receiving Label has been completed; or user can directly press button [Complete] to confirm; program will prompt message to inform user: If all items sorting for particular Receiving Label has been completed, program will prompt message as Figure 3.12.7 (a) to inform user; or if user directly press button [Complete] to confirm items sorting completed for current Receiving Label even still have open item records but no physical goods can be sorted, then program will prompt message with how many item still pending as Figure 3.12.7 (b) to inform user:

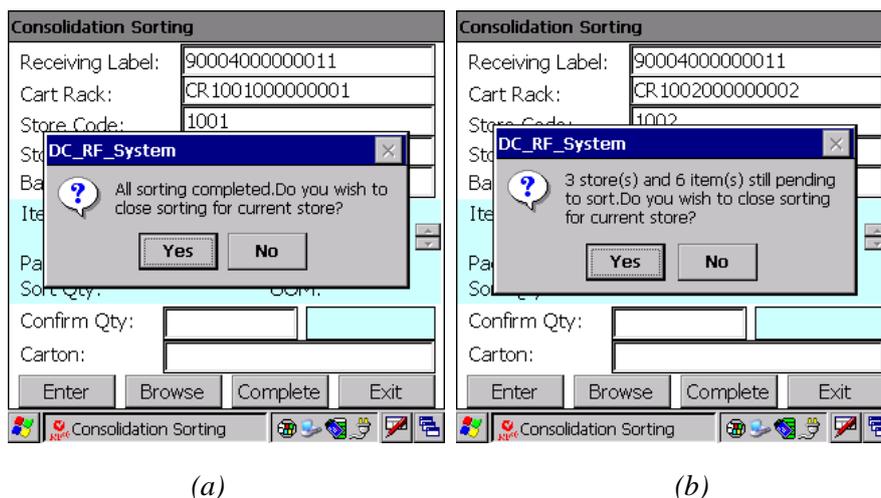


Figure 3.12.7 – X-Dock Consolidation Sorting -> Complete Confirmation

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- 12) If user can click button “Yes”, then program will prompt a message as Figure 3.12.8 to inform user that goods sorting completed and send upload data to PROFIT:

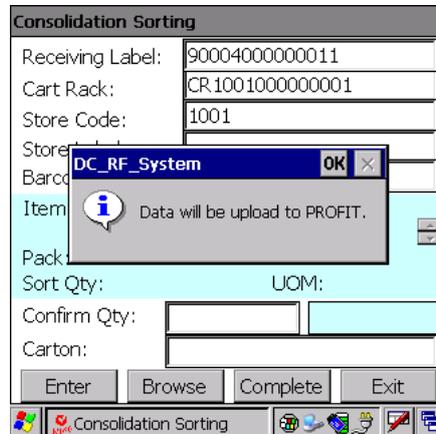


Figure 3.12.8 –X-Dock Consolidation Sorting -> Data Upload Message

Else, user can click button “No”, program will display the Pending Stores List screen as Figure 3.12.8(a). User can double click one row in the grid to view Pending Items List screen as Figure 3.12.8(b) of the selected store. And, user can click the “Close” button in the Pending Items List screen to return to the Pending Stores List screen, click “Close” button in the Pending Stores List screen to return to the Consolidation Sorting screen.



(a)

(b)

Figure 3.12.8 –X-Dock Consolidation Sorting -> Pending List

- 13) Repeat steps 1 to 12 for other sorting;
 14) Press button [Exit] return to Figure 3.9.1 “X-Dock Operations” option screen

The following buttons are available in “Input Screen of Consolidate Sorting”:

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Button	Event
1) [Enter]	User can click this button or press “ENTER” key in “Confirm Qty” input field to save the current sorting record.
2) [Browse]	Click this button to browse the sorting for current store.
3) [Complete]	Click and confirm consolidation sorting of particular Receiving Label and upload data to PROFIT
4) [Exit]	Close the current function and return to “3.9.1 X-Dock Operations” option screen.

For Data Browse - after user press button [Browse] in Figure 3.12.1 Input Screen of Consolidation Sorting, program displays data browse screen as below:



Figure 3.12.9 – Browse Screen of X-Dock Consolidation Sorting

As Figure 3.12.9, the browse screen will show the Pick List Num information in the grid. User can view each item in the screen as figure 3.12.10 by double click the item in the grid or scan/input barcode/item in the barcode/item field.

The table below is the description for the buttons in the browse screen.

Button	Event
1) [Enter]	User can click this button to browse or edit all goods that belong to the current Pick List Num as Figure 3.12.10.
3) [Close]	Close the current screen and return to the Input Screen

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of Stock-Point Picking as *Figure 3.12.1.*



Figure 3.12.10 – Browse Screen of X-Dock Consolidation Sorting

As Figure 3.12.10, the browse screen will show the Pick List information by item. User can view each item by Record navigation button or arrow function keys. Otherwise, in this screen user can edit the Confirm Qty of item and delete current record. When user selected the delete operation, program will prompt a message as Figure 3.12.11 to let user confirm the delete operation.

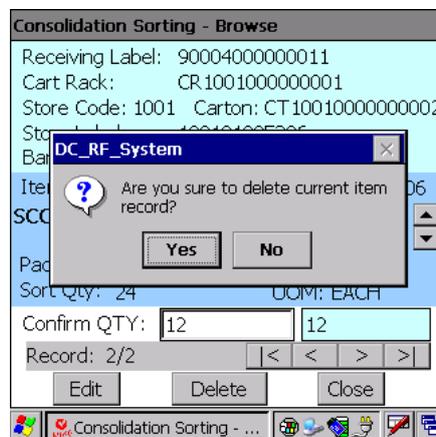


Figure 3.12.11 –X-Dock Consolidation Sorting Browse -> Delete Confirmation

The table below is the description for the buttons in the browse screen.

Button	Event
1) <input type="button" value=" <"/> <input type="button" value="<"/> <input type="button" value=">"/> <input type="button" value="> "/> or [<input type="button" value="←"/>] [<input type="button" value="↑"/>] [<input type="button" value="↓"/>] [<input type="button" value="→"/>]	Record navigation buttons or arrow function keys, program can go to the first record, previous record, next record or the last record of browse data.
2) [Edit]	User can click this button to edit “Confirm Qty” data

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	field of the current record.
3) [Delete]	User can click this button to delete the current sorting record, program will prompt message to let user confirm.
4) [Close]	Close the current screen and return to “Input Screen of Consolidation Sorting”.

3.13 X-Dock Combine

After user select the “Combine Process” function in the “X-Dock Operations” screen as Figure 3.9.1, the following X-Dock Combine Option screen will be displayed.

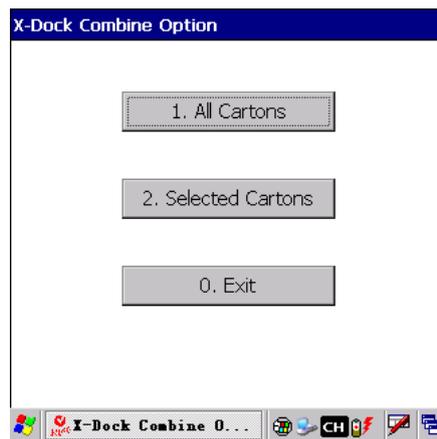


Figure 3.13.1 –X-Dock Combine Option

User can click the relation button or enter the relation number to enter the function or return to the main menu screen.

The following buttons are available in “X-Dock Combine Option” screen:

Button	Event
1) [All Cartons]	Click and go to “X-Dock Combine – All Cartons” function.
2) [Selected Cartons]	Click and go to “X-Dock Combine – Selected Cartons” function.

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3) [Exit]	Close the current function and return to ““4.6 X-Dock Operations”” menu screen.
-----------	---

3.14 X-Dock Combine All Cartons

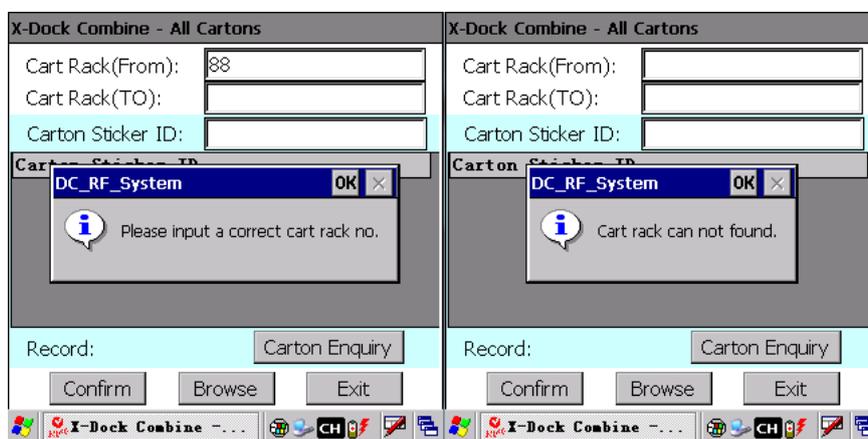
This function is used to capture information for all cartons movement from Cart Rack (From) and to Cart Rack (To). After user selects this function, the following screen is displayed for X-Dock Combine data input:



Figure 3.14.1 – Input Screen of X-Dock Combine-All Cartons

For Data Input – The operation steps are listed as below for X-Dock Combine – All Cartons:

- 1) Scan/Input cart rack sticker in field “Cart Rack (From)” for move out from. If user scanned/input an incorrect Cart Rack No., program will prompt an error message as Figure 3.14.2(a), else if Cart Rack does not exist in back end database, program will prompt an error message as Figure 3.14.2(b),else all cartons in the cart rack will display in grid table as Figure 3.14.3;



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(a)

(b)

Figure 3.14.2 – X-Dock Combine All Cartons -> Cart Rack (From) Check



Figure 3.14.3 – X-Dock Combine All Cartons

- 2) Scan/Input cart rack sticker in field “Cart Rack (To)” for all cartons move to, If user scanned/input an incorrect Cart Rack No., program will prompt an error message as Figure 3.14.2(a), else the input box of Carton Sticker ID will get the focus.
- 3) If need user can scan/Input carton sticker ID to select carton record in grid table, and click button [Carton Enquiry] to display the packed items in the selected carton as Figure 3.14.4;



Figure 3.14.4 –X-Dock Combine-Carton Enquiry

- 4) Click button [Confirm] to confirm all cartons movement from Cart Rack (From) to Cart Rack (To);
- 5) After all cartons moved to Cart Rack (To), program will remove all carton records from grid table and set input focus to Cart Rack (From), then highlight the data value and wait for next input;

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- 6) Repeat steps 1 to 5 for other Cart Rack movement.
- 7) User can press button [Exit] return to *Figure 3.13.1* “X-Dock Combine Option” menu screen.
- 8) User can press button [Browse] to browse all cartons in Cart Rack (To) as *Figure 3.14.5*

The following buttons are available in “Input Screen of X-Dock Combine for All Cartons”:

Button	Event
1) [Carton Enquiry]	User can click this button to enquiry all items in the selected carton as “3.14.4 – Carton Enquiry Screen”
2) [Confirm]	User can click this button to confirm all cartons movement from Cart Rack (From) to Cart Rack (To).
3) [Browse]	Click this button to browse all cartons in Cart Rack (To).
4) [Exit]	Close the current function and return to “3.13.1 X-Dock Combine Option” screen.

For Data Browse - after user click the button “Browse” in X-Dock Combine All Cartons, the following screen will displayed.



Figure 3.14.5 – Browse Screen of X-Dock Combine

The operation steps are listed as below for X-Dock Combine - Browse:

- 1) User can press button [Carton Enquiry] to display the packed items in the selected carton as *Figure 3.14.4*.
- 2) User can press button [Close] to return to the parent screen: X-Dock Combine All Cartons.

The following buttons are available in “Browse Screen of X-Dock Combine”:

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Button	Event
1) [Carton Enquiry]	User can input or select carton record in grid table, and then click this button to enquiry all items of the selected or input carton as “3.14.4 – Carton Enquiry Screen”.
2) [Close]	Close the current screen and return to “3.14.1 Input Screen of X-Dock Combine for All Cartons”.

3.15 X-Dock Combine Selected Cartons

This function is used to capture information for the selected cartons movement from Cart Rack (From) and to Cart Rack (To). After user selects this function, the following screen is displayed for X-Dock Combine data input:

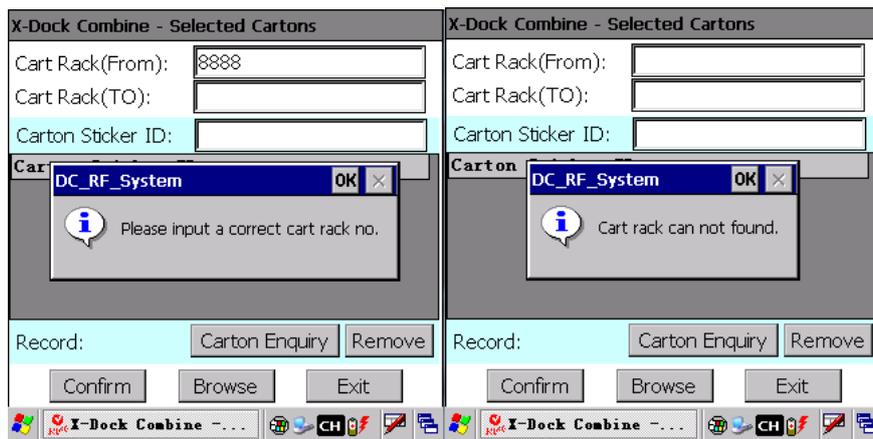


Figure 3.15.1 –X-Dock Combine-Selected Cartons

For Data Input – The operation steps are listed as below for X-Dock Combine – Selected Cartons:

- 1) Scan/Input cart rack sticker in field “Cart Rack (From)” for move out from. If user scanned/input an incorrect Cart Rack No., program will prompt an error message as Figure 3.15.2(a), else if Cart Rack does not exist in back end database, program will prompt an error message as Figure 3.15.2(b),else program will set input focus to Cart Rack(TO).

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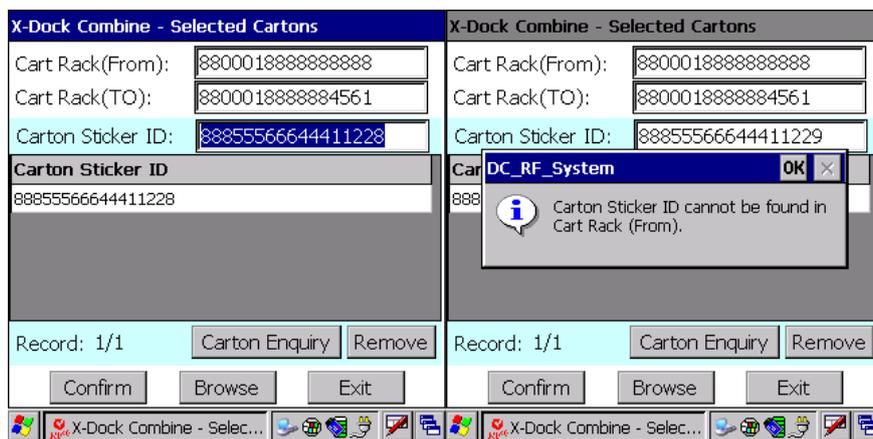


(a)

(b)

Figure 3.15.2 – X-Dock Combine Selected Cartons -> Cart Rack (From) Check

- 2) Scan/Input cart rack sticker in field “Cart Rack (To)”. If user scanned/input an incorrect Cart Rack No., program will prompt an error message as Figure 3.15.2 (a), else the input box of Carton Sticker ID will get the focus.
- 3) Scan/Input carton sticker ID to move from “Cart Rack (From)” to “Cart Rack (To)”. If the input sticker ID can be found in data of “Cart Rack (From)”, program will add carton record into grid table of carton sticker ID as Figure 3.15.3(a), else program will prompt error message as Figure 3.15.3(b) and let user input again.



(a)

(b)

Figure 3.15.3– X-Dock Combine Selected Cartons -> Carton Sticker ID Input

- 4) If need user can user can click button [Carton Enquiry] to display the packed items in the selected carton as Figure 3.15.4;

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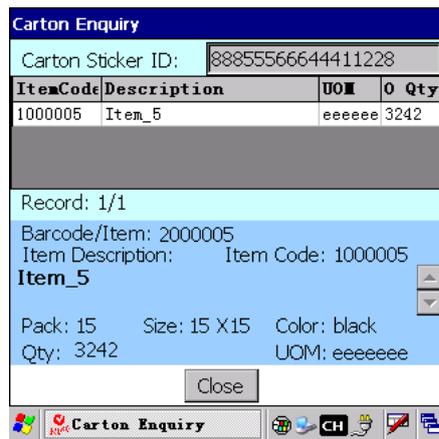


Figure 3.15.4 –X-Dock Combine-Carton Enquiry

- 5) For the incorrect input of carton sticker ID, user can click button [Remove] to remove the selected carton sticker ID from grid table if need;
- 6) Repeat steps 3 to 5 for more cartons movement input;
- 7) After finish carton selection, click button [Confirm] to confirm the selected cartons movement from Cart Rack (From) to Cart Rack (To);
- 8) Repeat steps 1 to 7 for other Cart Rack movement.
- 9) User can press button [Browse] to browse all cartons in Cart Rack (To) as *Figure 3.15.5*.
- 10) User can press button [Exit] return to *Figure 3.13.1* “X-Dock Combine Option” screen.

The following buttons are available in “Input Screen of X-Dock Combine for Selected Cartons”:

Button	Event
1) [Carton Enquiry]	User can click this button to enquiry all items in the selected carton as “3.15.4 – Carton Enquiry Screen”
2) [Remove]	User can click this button to remove the selected carton sticker ID from grid table if input is incorrect.
3) [Confirm]	User can click this button to confirm the selected cartons movement from Cart Rack (From) to Cart Rack (To).
4) [Browse]	Click this button to browse the cartons list in Cart Rack (To) after cartons moved.
5) [Exit]	Close the current function and return to “3.13.1 X-Dock Combine Option” screen.

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For Data Browse - after user click the button “Browse” in X-Dock Combine Selected Cartons, the following screen will displayed.



Figure 3.15.5 –X-Dock Combine-Browse

The operation steps are listed as below for X-Dock Combine - Browse:

- 1) User can press button [Carton Enquiry] to display the packed items in the selected carton as *Figure 3.15.4*.
- 2) User can press button [Close] to return to the parent screen: X-Dock Combine Selected Cartons.

The following buttons are available in “Browse Screen of X-Dock Combine”:

Button	Event
1) [Carton Enquiry]	User can input or select carton record in grid table, and then click this button to enquiry all items of the selected or input carton as “3.15.4 – Carton Enquiry Screen”.
2) [Close]	Close the current screen and return to “3.15.1 Input Screen of X-Dock Combine for Selected Cartons”.

3.16 Loading

When user selected the function [Loading] in main menu, program will display the following screen of the Loading Menu:

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Figure 3.16.1 –Loading Option Screen

User can click the relation button or enter the relation number to enter the function or return to the main menu screen.

The following buttons are available in “Loading Option” screen:

Button	Event
1) [Load Adjustment]	Click and go into “Load Adjustment” function.
2) [Delivery Information]	Click and go into “Delivery Information” function.
3) [Load Manifest]	Click and go into “Load Manifest” function.
4) [Exit]	Click and return to “3.4.1 Main Menu” screen.

3.17 Delivery Information

This function is used to capture preparation data for delivery information, and print in PROFIT side by store each time completed scan cart rack for that particular store. After user selects this function, the following screen is displayed:



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Figure 3.18.1 – Input Screen of Delivery Information

For Data Input – The operation steps are listed as below for Delivery Information:

- 1) Scan/Input Cart Rack sticker, and program will check:
 - If user scanned/input an incorrect Cart Rack No., system will prompt an error message as Figure 3.18.2.
 - If cart rack cannot be found and not valid for delivery then program will display error message as Figure 3.18.3 and need to input again;
 - If user has scanned the 2nd cart rack and it belongs to another store (cart rack format include store code information and all scanned cart racks must the same in store code for store delivery information), then program will prompt error message as Figure 3.18.4.



Figure 3.18.2 – Input Screen of Delivery Information -> Cart Rack Check 1



Figure 3.18.3 – Input Screen of Delivery Information -> Cart Rack Check 2

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Figure 3.18.4 – Input Screen of Delivery Information -> Cart Rack Check 3

- 2) If cart rack is valid for particular store delivery, then program displays store code according to Cart Rack barcode format and number of carton of scanned Cart Rack in data grid table as Figure 3.18.5;



Figure 3.18.5 – Delivery Information

- 3) For incorrect scanning, user can click the Cart Rack record to highlight it in data grid table and then click button [Delete] to delete the incorrect loading data;
- 4) When finished data preparation for delivery information, click button [Complete] and program will display the below message:

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Figure 3.18.6 – Delivery Information -> Complete Confirmation

- 5) If user click button “No” then program go back to previous screen; else if user clicks button “Yes”, then program will prompt below message as below to inform user that delivery information completed and send upload data to PROFIT to print Delivery Information directly:

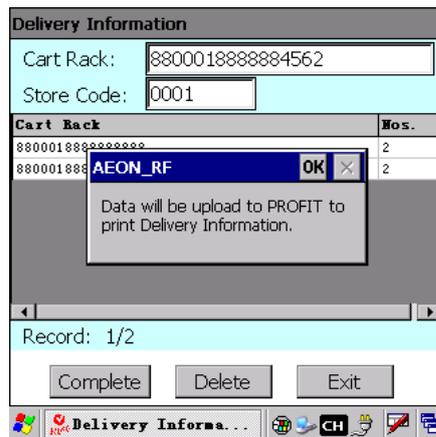


Figure 3.18.7 –Delivery Information -> Data Upload Message

- 6) After complete previous delivery information, program will close the current screen and return to *Figure 3.18.1* “Input Screen of Delivery Information” screen for other delivery preparation;
- 7) Repeat steps 1 to 6 for the next delivery information preparation.

The following buttons are available in “Input Screen of Delivery Information” screen:

Button	Event
--------	-------

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1) [Complete]	Click this button to complete the current delivery and upload data to PROFIT to print delivery information.
2) [Delete]	Click this button to delete the selected loading record in grid and program will prompt message box to let user confirm.
3) [Exit]	Close the current function and return to “3.16.1 Loading Option” screen.

3.18 Load Manifest

This function is used to capture data for loading manifest. After user selects this function, the following screen is displayed:



Figure 3.19.1 – Input Screen of Load Manifest

For Data Input – The operation steps are listed as below for Load Manifest:

- 1) Input Lorry No., Lorry No. can be used in several Load Manifests for different stores; If user scanned/Input an incorrect format Lorry No., program will prompt an error message as below.

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Figure 3.19.2 – Load Manifest -> Lorry No Check

2) Scan/Input Cart Rack sticker, and program will check:

- If user scanned/input an incorrect Cart Rack No., system will prompt an error message as Figure 3.19.3.
- If cart rack cannot be found and not valid for delivery then program will display error message as Figure 3.19.4 and need to input again;
- If user has scanned the 2nd cart rack and it belongs to another store (cart rack format include store code information and all scanned cart racks must the same in store code for store delivery information), then program will prompt error message as Figure 3.19.5.

System Assumption: Lorry No. can be used in several Load Manifests for different stores, but one loading manifest for particular lorry and store can only have one user to do at the same time.



Figure 3.19.3 – Input Screen of Load Manifest -> Cart Rack Check 1

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Figure 3.19.4 – Input Screen of Load Manifest -> Cart Rack Check 2



Figure 3.19.5 – Input Screen of Load Manifest -> Cart Rack Check 3

- 3) If cart rack is valid to load, then program displays store code according to Cart Rack barcode format and number of carton of scanned Cart Rack in data grid table as below;



Figure 3.19.6 –Load Manifest

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- 4) For incorrect scanning, user can click the Cart Rack record to highlight it in data grid table and then click button [Delete] to delete the incorrect loading data;
- 5) When finished loading, user can click button [Complete] and program will display the below screen to let user input at least two truck seals as below:

Figure 3.19.7 – Confirmation Screen of Load Manifest.

- 6) Input truck seals 1 and 2 or input all more truck seals in the screen as figure 3.19.7;
- 7) After finish checking and need to continue loading data scanning, user can click button “Close” to return to “Input Screen of Load Manifest” to continue to scan loading data;
- 8) After finish checking for the Load Manifest, user can click button “Confirm” and program prompt below message:

Figure 3.19.8 – Load Manifest → Complete Confirmation

- 9) If user click button “No” then program go back to previous screen; else if user clicks button “Yes”, then program will prompt below message to inform user that Load Manifest completed and send upload data to PROFIT to print Load Manifest directly:

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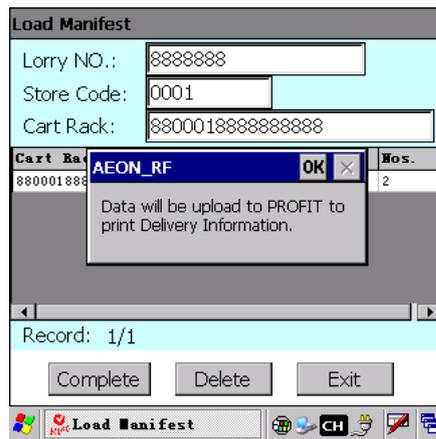


Figure 3.19.9 – Load Manifest -> Data Upload Message

- 10) After complete previous load manifest, program will close the current screen and return to “Figure 3.19.1 Input Screen of Load Manifest” screen for next loading;
- 11) Repeat steps 1 to 10 for the next loading.
- 12) User can click the [Exit] button to return to the Loading menu as Figure 3.16.1.

The following buttons are available in “Input Screen of Load Manifest” screen:

Button	Event
1) [Complete]	Click this button to complete loading and upload data to PROFIT to print Load Manifest.
2) [Delete]	Click this button to delete the selected loading record in grid and program will prompt message box to let user confirm.
3) [Exit]	Close the current function and return to “3.16.1 Loading Option” screen.

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4. PC Application

This Program is used to view and print Receiving Note. User can run the program “DC RF System” in the DC RF Server.

The operation steps are listed as below for PC Application:

- 1) Run the PC program. When the program is run, the below screen will be displayed.

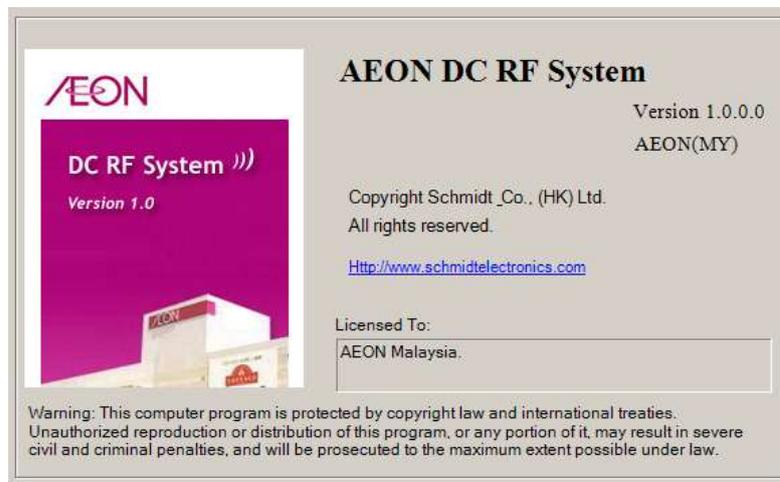


Figure 4.1 – Splash screen

- 2) When the splash screen is loaded complete, the main form of the program will be displayed as below.

Figure 4.2 – Main Form

- 3) Choose which type of receiving note to print in the group box “Receiving Note” as Figure 4.2.
- 4) Enter the PO NO. in the group box “Print Option” as Figure 4.2.

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5) Check the option “Preview” if you want to preview the receiving note as Figure 4.2.

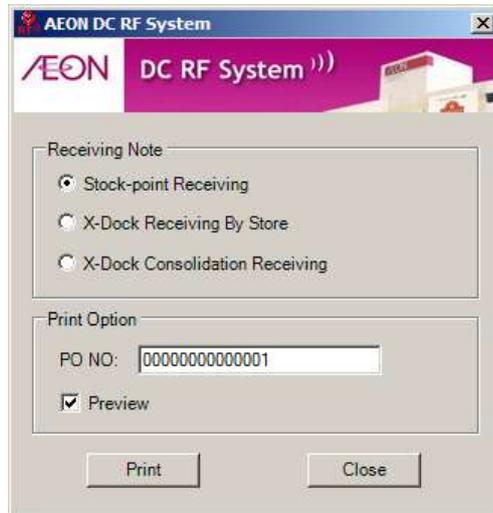


Figure 4.3 – Main Form

6) Click the button “Print”, program will show the printed count of the current PO NO as below.

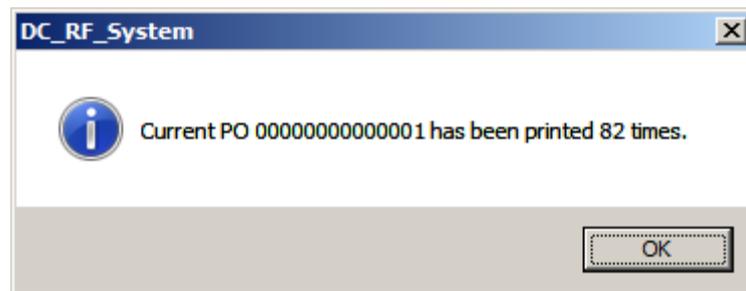


Figure 4.4 – Printed count

7) When user close the dialog of printed count, if the option “Preview” is checked the preview screen of the receiving note will be displayed as below, else program will print the receiving note to printer.

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Receiving Note Viewer

Print Report

AEON CO. (M) BHD.

RECEIVING NOTE

SLIP TIME 001	STORE NAME 0001 STORE1		LINE CODE 001	DEPT CODE 001	RECEIPT NO 0	
STORE CODE 0001	ORDER DATE 01/11/2012	EXPECTED DELIVERY DATE 00/01/2012	RECEIVER F	RECEIVING START TIME 00/00/2012	RECEIVING END TIME 00/00/2012	DATE RECEIVED 12/22/2011
REP/REP 00	PRINTED DATE 04/02/12	PRINTED TIME 15:34:12				

NO	ITEM DESCRIPTION	QTY/CASE	UNIT	ITEM NO	ITEM BARCODE	QTY ORDER	RECEIVED QTY	DISC	SELLING PRICE	COST	NET WT	
									UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	BAU1	1	case	00000000	00000000	18.00	00	18.00	100.00	1800.00	00	1800.00
2	BAU2	1	case	00000000	00000000	18.00	00	18.00	100.00	1800.00	00	1800.00
3						00	00	00	00	00.00	00	00.00
4						00	00	00	00	00.00	00	00.00
5						00	00	00	00	00.00	00	00.00
6						00	00	00	00	00.00	00	00.00
7						00	00	00	00	00.00	00	00.00
8						00	00	00	00	00.00	00	00.00
9						00	00	00	00	00.00	00	00.00
10						00	00	00	00	00.00	00	00.00

SUPPLIER NO	SUPPLIER NAME	CONTRACT NO	TOTAL CARTON	TOTAL	TOTAL
				00	00
				TOTAL DISCOUNT	00.00

Current Page No. 1 | Total Page No. 1 | Zoom Factor: 100%

Figure 4.5 – Receiving Note Preview screen

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5. Appendix

5.1 Item Master Format

	Current Item Code	PROFIT	In-House Label (EAN 13)
PLU Food (Normal) Food (Perishable)	XXXXXX	Existing code migrate to PROFIT by add a '01'+ Existing Item Code. 0100000C To 0199999C New Range 0200000C To 9999999C	20 00 0XXXXXXC C
Non-PLU Food (Perishable) (Price Embedded)	2XXXXX0	New Range 00 (F) 0000C To 00 (F) 9999C	22 FXXXX PXXXX C
PLU GMS (Normal)	XXXXXX	Mapping 0100000C To 0199999C New Range 0200000C To 9999999C	20 00 0XXXXXXC C
PLU GMS (Promotion)	XXXXX9	Mapping 0100000C To 0199999C New Range 0200000C To 9999999C	20 00 0XXXXXXC C
Non-PLU Concess (Price Embedded)	Subdept XXXX	New Range 00 (F) 0000C To 00 (F) 9999C	23 FXXXX PXXXX C