

Description:	Import Physical Inventory for Quantity Adjustment
Creation Date:	Sept 1, 2006
Developed By:	Eclipse Consulting, Inc. Support line: 001.503.757.8870
SL ERP Version	SL7.04.20
Form Database	SL7.04.20 Form Database
Application Database	SL7.04.20 Demo Application Database
Dependency	

1. List of Changes

1.1. Application Database

Item	Type	New/Modified	Remark
ECI_QuantityAdjustmentSp	SP	New	

1.2. Form Database

Item	Type	New/Modified	Remark
ECI_ImportPhysicalInventory	Form	New	
fECI_ImportPhysicalInventory	String	New	
sECI_&Import	String	New	
sECI_CurrentQuantity	String	New	
sECI_AdjustedQuantity	String	New	
sECI_Instruction	String	New	
sECI_Instruction2	String	New	
sECI_Instruction3	String	New	
sECI_ImportMethod	String	New	

1.3. Report

Name	New/Modified	Remark

1.4. Others

Name	New/Modified	Remark

2. Upload Instructions

#	Action
1	Open Query Analyzer and Run 1_Strings.txt to the Form Database
	Login to SL and do a Copy Form From ItemCostingReport to ECI_ImportPhysicalInventory ** For License/Permission purpose since this new form is imported from a script.
2	Open Query Analyzer and Run 2_Form.txt to the Form Database
3	Open Query Analyzer and Run 3_Sp.txt to the Application Database

3. Analysis/Notes

3.1. Requirements

The general ideas/requirements of the modification are as follows:

1. The uploading of data is based upon the Quantity Adjustment screen.
 - a. The **four** fields (Item, Location, Current Quantity, Adjusted Quantity) in the Excel spreadsheet need to be uploaded and the four fields listed in paragraph 2 below need to be defaulted.
 - b. You will notice in the spreadsheet that there are two columns (e.g., current quantity and adjusted quantity). We need the ability to run the upload utility in two ways:
 1. Upload and populate the quantity field using the “adjusted quantity” column.
Or
 2. Upload and populate the quantity field using the “difference between the current quantity field and the adjusted quantity field”.(Note: The reason for the two options is we may update the database late Monday after the physical inventory is completed or we may have to wait to update until later in the week).
2. The following information needs to be defaulted for each transaction:
 - UM = Unit of Measure defined in the item master
 - Reason = “MIS”
 - Account = 43100
 - Unit Code 2 = Product Code defined in the item master
3. The following types of errors need to be identified, not uploaded, and copied into a separate spreadsheet or worksheet.
 - Item number does not exist.
 - Location does not exist.
 - Item/location combination does not exist.
 - Quantity is less than zero.
4. Current Quantity and Adjusted Quantity are both having 8 decimal places in the data grid column.

3.2. Assumptions

- **The setup of the Syteline environment should not be Client Setup. Otherwise SP! will not function properly. A Terminal Services or Citrix install is required for this enhancement.**
- Use Cut and paste method to paste the import data from the Excel file.
- All Items are Non-Lot Tracked.
- Make sure the Product Code’s Unit Code 2 value of the item is not more than 4 chars and is in the Account Unit Code 2 table
- Item with no cost (Example “908” in the Demo Bike database) will not create any journal entries.

3.3. Screen Design

Copy and Paste from the Excel file to the Grid below and click on the Import button to Import the Physical Inventory.
Difference : the qty to be adjusted will be [Current Quantity - Adjusted Quantity].
Adjusted Quantity : Use the Adjusted Quantity value to adjust the Physical Inventory.

Warehouse: MAIN Transaction Date: 9/20/2006

Import Method
 Difference Adjusted Quantity

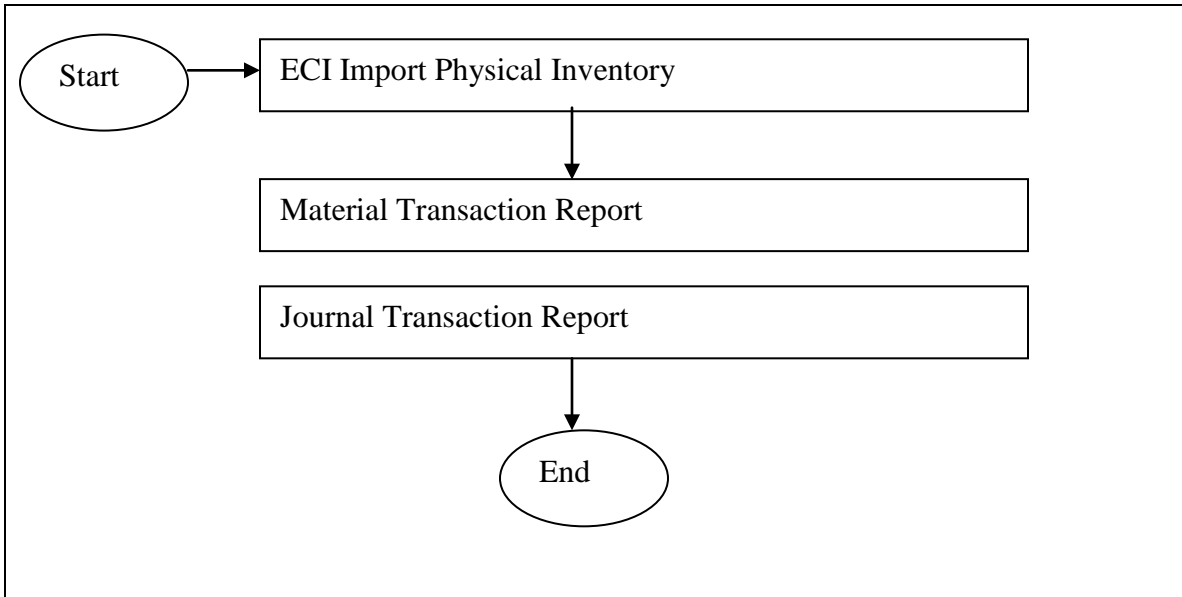
	Item	Location	Current Quantity	Adjusted Quantity	Message
1 (n) >>			0.00000000	0.00000000	
*					

Stock Loc Import Refresh

- User can click on the Action menu and select the Change Warehouse submenu to change the default Warehouse
- Difference Option is used to adjust the Item On Hand Quantity based on the difference of Current Quantity and Adjusted Quantity
- Adjusted Quantity option is used to adjust the Item On Hand Quantity based on the Adjusted Quantity alone.
- Transaction Date = Current Date
- Possible error message will be as follows
 - a. Item not found.
 - b. Item is lot tracked.
 - c. Location not found.
 - d. Item location combination not found.
 - e. Quantity is less than Zero.
 - f. Others..... <coming from the standard IaPostSp>

4. Test Plan

4.1. Process flow



4.2. Data Setup

Category	Value	Remarks
Item	CP-20000	Product Code = PP
	SC-10000	Product Code = RM
	908	Product Code = FG-100
	AL-10000	Lot tracked
Product Code	PP	Has Acct Unit Code 2 = 006
	RM	Has Acct Unit Code 2 = 007
Acct	43100	Copy from 59000 – Demo
Acct Unit Code 2	006	
	007	
Inventory Adjustment Reason Codes	MIS	Account : 43100

Prepare the spreadsheet as follows:

Item	Location	Current Quantity	Adjusted Quantity
ABC	STOCK	100	101
908	ABC	200	102
CP-10000	FIN-1	300	103
AL-10000	FIN-1	400	104
CP-10000	FLOOR	500	105
SC-10000	STOCK	600	106

Make sure Post to Journal option is ticked in General Parameters form

4.3. List of Test Cases/Scenarios

4.3.1. Testing the Error Messages + Adjusted Quantity option

Step	Result														
Open ECI Import Physical Inventory Form															
Select the Adjusted Quantity option															
Copy the data in the excel															
Set focus to the first column first row															
Go to Action-> Paste Rows Append	Ignore the validation message like Invalid Item														
Click on Process	<p>Message: Import Finished</p> <table border="1"> <thead> <tr> <th>Row</th> <th>Message</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Item not found</td> </tr> <tr> <td>2</td> <td>Location not found</td> </tr> <tr> <td>3</td> <td>Item location combination not found</td> </tr> <tr> <td>4</td> <td>Item is lot tracked.</td> </tr> <tr> <td>5</td> <td></td> </tr> <tr> <td>6</td> <td></td> </tr> </tbody> </table> <p>** Message = None meaning Import Success</p>	Row	Message	1	Item not found	2	Location not found	3	Item location combination not found	4	Item is lot tracked.	5		6	
Row	Message														
1	Item not found														
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3	Item location combination not found														
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5															
6															
Go to Row 6 and click on the Stock Loc button	Item Stockroom Location form opened and the Qty On Hand is 105														
Go to Row 7 and click on the Stock Loc button	Item Stockroom Location form opened and the Qty On Hand is 106														
Go to Material Transaction Report form															
<p>Uncheck all Reference Type except INVENTORY</p> <p>Uncheck all Transaction Type except ADJUSTMENT</p> <p>Click Print Cost option</p>															
Click Preview	Transactions for CP-10000 and SC-10000 are listed in the report														
Go to Journal Transaction Report form															
<p>Journal ID : IC Dist</p> <p>Starting and Ending Acct: 43100</p> <p>Starting Acct Unit 2: PP</p> <p>Ending Acct Unit 2 : PP</p>															
Click Preview	PP Journal Entries are listed in the report for CP-10000														
<p>Journal ID : IC Dist</p> <p>Starting and Ending Acct: 43100</p> <p>Starting Acct Unit 2: RM</p> <p>Ending Acct Unit 2 : RM</p>															

Click Preview	RM Journal Entries are listed in the report for SC-10000
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4.3.2. Testing the Error Messages + Difference option

Step	Result																
Open ECI Import Physical Inventory Form																	
Select the Difference option																	
Copy the data in the excel Change Row 5 Current Qty to 105 Change Row 6 Current Qty to 106 Change Row 5 Adjusted Qty to 102 Change Row 6 Adjusted Qty to 103 Add one row -> Row 7 Item = SC-10000 Location = STOCK Current Qty = 100 Adjusted Qty = 205	Note: the current qty on hand of the following items after Test case 4.3.1 are as follows CP-10000 Location FLOOR = 105 SC-10000 Location STOCK = 106																
Set focus to the first column first row																	
Go to Action-> Paste Rows Append	Ignore the validation message like Invalid Item																
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Report form	
Journal ID : IC Dist Starting and Ending Acct: 43100 Starting Acct Unit 2: PP Ending Acct Unit 2 : PP	
Click Preview	PP Journal Entries are listed in the report for CP-10000
Journal ID : IC Dist Starting and Ending Acct: 43100 Starting Acct Unit 2: RM Ending Acct Unit 2 : RM	
Click Preview	RM Journal Entries are listed in the report for SC-10000