

# Release Notes

The following is a list of enhancements and corrections that have been incorporated for Sage MAS 90 and MAS 200 version 4.50 in this Product Update. Product Updates are cumulative, containing all program corrections found in prior updates. Product Update 4.50.2.0 also contains program corrections that were included in 4.40.0.7 - 4.40.0.8. These are also listed below for reference. The numbering scheme has been changed for 4.50 Product Updates. The third segment represents the Product Update number. This change was done to accommodate future enhancements.

**After installing this Product Update, WKsUpdate 90.exe or WKsUpdate 200.exe needs to be run on each MAS Workstation. This file is located in the ..\mas90\WkSetup directory on the MAS Server. (WKsUpdate should also be run anytime WkSetup.exe is run on a MAS Workstation.)**

## Accounts Payable

### **New in Product Update 4.50.2.0**

- 1 Error 20 no longer occurs when you have AP Options "Sort Invoice Registers by Vendor Name" checked, and you run the AP Invoice Payment Listing.  
DE 97554 PER 112543 Resolution ID 538973

### **Previously Released in 4.40.0.8**

- 2 Error 20 no longer occurs when you have AP Options "Sort Invoice Registers by Vendor Name" checked, and you run the AP Invoice Payment Listing.  
DE 97524 PER 112543 Resolution ID 538973

### **Previously Released in 4.40.0.7**

- 3 Invoice Payment Selection Listing Report Vendor Total and Vendor Check Total are now correct when printing the report directly to printer.  
DE 96385 PER 112039 Resolution ID 536339

## Accounts Receivable

### **Previously Released in 4.50.1.0**

- 1 Invoices are now imported into correct Batch when importing into AP Invoice Data Entry.  
DE 96608 PER 112063 Resolution ID 536559
- 2 When running the Delete and Change Customers utility in the Accounts Receivable module, the Sales Order/Quote History records for the customer being changed are now renumbered/merged/deleted.  
DE 96604 PER 112016 Resolution ID 536265
- 3 The correct Customer Name now prints on the Monthly Sales Report.  
DE 97289 PER 111078 Resolution ID 531068

### **Previously Released in 4.40.0.7**

- 4 Error 13 IT Customer\_bus.pvc 557 no longer occurs when renumbering an IT enabled customer and Webengine is running in Delete and Change Customers utility.  
DE 96447 PER 112063 Resolution ID 536559
- 5 When running the Delete and Change Customers utility in the Accounts Receivable module, the Sales Order/Quote History records for the customer being changed are now renumbered/merged/deleted.  
DE 96341 PER 112016 Resolution ID 536265
- 6 The correct Customer Name now prints on the Monthly Sales Report.  
DE 97288 PER 111078 Resolution ID 531068

- 7 Invoice History Inquiry, for performance reasons, the UserKey column has been removed from the Invoice No. lookup.  
DE 97204 PER 112356 Resolution ID 538264

## Bar Code

### **New in Product Update 4.50.2.0**

- 1 Corrected Quantity Available calculation (for Lots) in SO invoice Tier Distribution.  
DE 97812

## Bill of Materials

### **New in Product Update 4.50.2.0**

- 1 Error 26 BM\_costedmaterialsreport\_rpt.pvc no longer occurs during printing of the Costed Bill of Materials Report for Specific Bills with Alpha only Option Code and option component having non-integer Unit of Measure.  
DE 97591 PER 112513 Resolution ID 538988

### **Previously Released in 4.50.1.0**

- 2 If an Inventory Item is deleted, all Bill information is now removed that was created for the item.  
DE 96937 PER 112133 Resolution ID 537009

- 3 The unit cost on the Single-Level Bill of Materials Report now corresponds to the current unit cost entered in Miscellaneous Item Maintenance.  
DE 96936 PER 112132 Resolution ID 536998

- 4 The Costed Bill of Materials report for Option Bills is no longer printing **\*\*Invalid Bill\*\*** for valid options bills.  
DE 96148 PER 111888 Resolution ID 535001

### **Previously Released in 4.40.0.8**

- 5 DateCreated TimeCreated UserCreatedKey fields are now populated in ItemCost file for negative quantity components in Production Update  
DE 97641

- 6 In Bill Maintenance, using Copy From for a new bill or new revision, the line items are now in the correct order.  
DE 97572 PER 111434 Resolution ID 532981

- 7 Error 26 BM\_costedmaterialsreport\_rpt.pvc no longer occurs during printing of the Costed Bill of Materials Report for Specific Bills with Alpha only Option Code and option component having non-integer Unit of Measure.  
DE 97590 PER 112513 Resolution ID 538988

### **Previously Released in 4.40.0.7**

- 8 If an Inventory Item is deleted, all Bill information is now removed that was created for the item.  
DE 96668 PER 112133 Resolution ID 537009

- 9 In Disassembly Entry and Production Entry the Unit of Measure is displayed properly now when moved to primary grid from secondary grid.  
DE 96779 PER 110469 Resolution ID 528060

- 10 The unit cost on the Single-Level Bill of Materials Report now corresponds to the current unit cost entered in Miscellaneous Item Maintenance.  
DE 96667 PER 112132 Resolution ID 536998

- 11 The Costed Bill of Materials report for Option Bills is no longer printing **\*\*Invalid Bill\*\*** for valid options bills.  
DE 96086 PER 111888 Resolution ID 535001

## Customizer

### **New in Product Update 4.50.2.0**

- 1 UDF data in IM\_SalesKitDetail is now copied to a new Sales Kit's when using the "Copy From" feature in Sales Kit Maintenance  
DE 97631 PER 112469 Resolution ID 538929

**Previously Released in 4.50.1.0**

- 2 In Manual Check Entry and Check and Electronic Payment Maintenance, when a UDF is named the same as a column in the physical table, and the UDF is mapped to flow thru to these data entries, the UDF value is now correctly passed when the Invoice is chosen in both data entries.  
DE 96645 PER 112126

- 3 In UDF and Table Maintenance, in order to map RA ReceiptHeader UDFs to the Generate TRansactions work table, start with creating:

1. RA ReceiptHeader udf
  2. RA GenerateTRansactions, use Business object type, datasource RA ReceiptHeader, column is the UDF created on step 1.
  3. RA GenerateTransactionsWork, Business Object UDF type, datasource RA GenerateTRansactions, column is the RA GenerateTRansactions UDF created on step 2.
- DE 96030 PER 111863 Resolution ID 535469

**Previously Released in 4.40.0.8**

- 4 UDF data in IM\_SalesKitDetail is now copied to a new Sales Kit's when using the "Copy From" feature in Sales Kit Maintenance  
DE 97390 PER 112469 Resolution ID 538929

## General Ledger

**New in Product Update 4.50.2.0**

- 1 GL Exchange Import no longer causes an error 12  
DE 97213
- 2 G/L accounts are now deleted after processing year.  
DE 97324 PER 112383 Resolution ID 538411

**Previously Released in 4.50.1.0**

- 3 Able to print specific recurring journal numbers in Reprint Journals.  
DE 96351 PER 112022 Resolution ID 536395

**Previously Released in 4.40.0.8**

- 4 G/L accounts are now deleted after processing year end .  
DE 97857 PER 112383 Resolution ID 538411

**Previously Released in 4.40.0.7**

- 5 Now able to print specific recurring journal numbers in Reprint Journals.  
DE 96989 PER 112022 Resolution ID 536395

## Inventory Management

**New in Product Update 4.50.2.0**

- 1 Re-freezing inventory items will now retain quantities on hand manually counted and entered.  
DE 97548 PER 112535 Resolution ID 539171
- 2 A new utility IM Balance Inventory Quantity and Cost is now available on the \*UTL menu. This utility replaces the IM\_BalanceQtyOnHand\_ui utility and is no longer available for use.  
DE 97986
- 3 Cost calc commits are now cleared after connections lost  
DE 97848 PER 111899 Resolution ID 535727
- 4 A new utility IM Balance Inventory Quantity and Cost has been added to the \*UTL menu. This new utility replaces the IM\_BalanceQtyOnHand\_ui hidden utility and will no longer be available.  
DE 97991 PER 111899 Resolution ID 535727

- 5 Negative issue transactions for average cost items are now posted with the Warehouse Average Cost.  
DE 97594 PER 112503 Resolution ID 538668
- 6 Extended description entered in P/O or S/O is now correctly displayed in I/M Maint 'Orders' tab.  
DE 97628 PER 112494 Resolution ID 539062
- 7 Card Count Report unit cost field is no longer zero for all inventory items.  
DE 97393 PER 112106 Resolution ID 536833

**Previously Released in 4.50.1.0**

- 8 In Physical Count Update, Count of Zero for Standard Cost and Tiered valuation methods the TotalWarehouseValue is now cleared.  
DE 97246 PER 112390 Resolution ID 538455
- 9 On the Inventory Sales History Report, the Quantity Sold column for the Month the Sales Order Invoice was entered now reflects the negative Sales Order Invoice.  
DE 96938 PER 112157 Resolution ID 535741
- 10 The Balance Qty On Hand utility now assigns correct TierType and TierGroup when the condition requires a new IM\_ItemCost OVERDIST tier to be created.  
DE 96782
- 11 Item Inquiry, Quantity Recap, the Beginning, Ending and Current Average Cost fields now appear with the Module Option selected to Allow Inventory Costing, Receipts in Item Inquiry .  
DE 97140
- 12 Inventory item Quantity on Sales Order is no longer incremented after adding cost code information to an existing sales order without changing line quantities.  
DE 96941 PER 112008 Resolution ID 536073
- 13 Serial numbers are now correctly updated when receiving multiple serialized items in Receipt type Transaction Entry.  
DE 97358 PER 112241 Resolution ID 537613
- 14 Quantity On Hand and Over/Short Variances no longer change when using Count Card Entry.  
DE 96678 PER 112115 Resolution ID 536815
- 15 Lot/Serial valuations now correctly display the actual Receipt No. and Receipt date of the cost tier transferred.  
DE 96610 PER 111971 Resolution ID 536133

**Previously Released in 4.40.0.8**

- 16  
DE 97654 PER 112589 Resolution ID 539569
- 17 Re-freezing inventory items will now retain quantities on hand manually counted and entered.  
DE 97491 PER 112535 Resolution ID 539171
- 18 Inventory Recalculate Item History now includes and updates adjustment transactions for quantities that are generated by the IM Balance Quantity and History utility  
DE 97891
- 19 Item Maintenance Transactions Tab quantities summed below the list box now include adjustment transactions created by the IM Balance Inventory Quantity and Cost utility.  
DE 97892

- 20 The hidden utility IM\_BalanceQtyOnHand\_ui has been replaced with a new utility. The new utility is named IM Balance Inventory Quantity and Cost and is located on the \*UTL menu. File/Run, type in the Program field \*UTL, click OK. Select the new utility on the mAS 90 Utilities menu.  
DE 97904
- 21 Two new hidden utilities have been added: IM\_CommitCheckClear\_utl and IM\_ClearCommitDataEntry\_utl. Please call Support for assistance in using these two new utilities.  
DE 97980
- 22 In Disassembly Register, Negative Tier Register, Physical Count Var Register, Material Req Issue Register, Receipt Register, Return Register, Work Order Journal update no longer orphans values in the Cost Calc Cost Committed and Cost Calc Quantity Committed fields when a connection is lost during the update.  
DE 97535 PER 111899 Resolution ID 535727
- 23 A new utility has been added: IM Balance Inventory Quantity and Cost. It is located on the \*UTL menu.  
DE 97903 PER 111899 Resolution ID 535727
- 24 Negative issue transactions for average cost items are now posted with the Warehouse Average Cost.  
DE 97595 PER 112503 Resolution ID 538668
- 25 Item Maintenance Tab 6-Orders now uses correct Extended Description when it is changed on the fly in Purchase Order or Sales Order Entry.  
DE 97447 PER 112494 Resolution ID 539062
- 26 Card Count Report unit cost field is no longer zero for all inventory items.  
DE 96621 PER 112106 Resolution ID 536833
- Previously Released in 4.40.0.7**
- 27 In Physical Count Update, Count of Zero for Standard Cost and Tiered valuation methods the TotalWarehouseValue is now cleared.  
DE 97244 PER 112390 Resolution ID 538455
- 28 On the Inventory Sales History Report, the Quantity Sold column for the Month the Sales Order Invoice was entered now reflects the negative Sales Order Invoice.  
DE 96754 PER 112157 Resolution ID 535741
- 29 The Balance Qty On Hand utility now assigns correct TierType and TierGroup when the condition requires a new IM\_ItemCost OVERDIST tier to be created.  
DE 96781 PER 112174 Resolution ID 537249
- 30 Inventory item Quantity on Sales Order is no longer incremented after adding cost code information to an existing sales order without changing line quantities.  
DE 96332 PER 112008 Resolution ID 536073
- 31 The Inventory Detail Transaction Report Beginning Balance is now correct when a transaction has been posted to the future period/year while im options Base Inventory Periods On is set to Calendar.  
DE 96743
- 32 The vendor item code is no longer removed when a different alias item code is deleted from alias item maintenance.  
DE 97351 PER 111974 Resolution ID 531838

- 33 A new utility is available to check your ItemWarehouse and ItemCost tables for orphaned CostCalcCostCommitted and CostCalcQtyCommitted fields. A comma separated value file is updated with a list of the items found and the values.  
To verify if orphaned values, this utility should be run after all registers and updates have been completed. If run during a register print and update the values found may be valid.  
To run the utility:  
Select File/Run  
Type syzcon  
Click Accept  
at the > prompt type  
run "IM\_CommitCheck\_utl  
press Enter key  
A message with an OK button will appear with the location of the report when utility has completed.  
The default location of the report is found in  
../home/textout/IM\_CommitCheck001.csv.  
Every time the utility is run, the sequence number will increment by one, i.e.  
CommitCheck002.csv.  
If the report has entries listed for items please contact Customer Support.  
DE 97553 PER 111899 Resolution ID 535727
- 34 The Inventory Turnover Report's calculation now captures all periods including the periods that don't have any activity.  
DE 96772 PER 110863 Resolution ID 530055
- 35 Sales Journal Update for for a FIFO item when the shipped qty exceeds the Tier Qty is now clearing the CostCalcCostCommitted and CostCalcQtyCommitted fields.  
DE 97402 PER 112544 Resolution ID 539270
- 36 Serial numbers are now correctly updated when receiving multiple serialized items in Receipt type Transaction Entry.  
DE 96960 PER 112241 Resolution ID 537613
- 37 Quantity On Hand and Over/Short Variances no longer change when using Count Card Entry  
DE 96679 PER 112115 Resolution ID 536815
- 38 Lot/Serial valuations now correctly display the actual Receipt No. and Receipt date of the cost tier transferred.  
DE 96243 PER 111971 Resolution ID 536133

## Job Cost

### **New in Product Update 4.50.2.0**

- 1 Job Estimate Item detail now prints the descriptions for Assembly Items  
DE 97720 PER 112612 Resolution ID 539711

### **Previously Released in 4.40.0.8**

- 2 Job Estimate Item detail now prints the descriptions for Assembly Items  
DE 97683 PER 112612 Resolution ID 539711

## Library Master

### **New in Product Update 4.50.2.0**

- 1 MD added menus are now on the Launcher after migration  
DE 97774 PER 111865 Resolution ID 535461
- 2 In Job Cost Job Maintenance, Job Number ALE lookup, 283 Job Cost Header (JCH) UDFs are now available in Custom Lookup Wizard.  
DE 97905 PER 112591 Resolution ID 539555

3 On Conversion, the following error no longer occurs "Report output exceeds printer width or the record length was exceeded on a file write operation" then "Error 1 PR\_LevelConversion.pvc 1731" when converting Payroll that has a cents value for Standard Amount/Rate or Standard Limit other than ".00"  
DE 97648 PER 112542 Resolution ID 539257

4 Error no longer occurs migrating data to MAS200 SQL 4.50  
DE 97772 PER 112658 Resolution ID 539983

5 SY\_MultiPartForm and SY\_ReportSetting Arithmetic overflow error no longer occurs  
DE 97757 PER 112654 Resolution ID 539947

6 Error updating SY\_SagePEPTrack: PHYSICAL UPDATE ABORT: SY\_SagePEPTrack, no longer occurs when running Parallel Migration.  
DE 97914 PER 112720 Resolution ID 539609

7 MAS 90 Printing Performance Improvements.  
DE 97996 PER 112664 Resolution ID 540234

**Previously Released in 4.50.1.0**

8 General Ledger Detail by Source for Out of Balance Journal Reports (for Level 3.x) in the Pre-migration utility no longer displays Out of Balance Journals if the same account number is used more than once in the same Journal.  
DE 97338 PER 112425 Resolution ID 538639

9 Error "Prepare failed SY\_SQLTranslateFailed:SYS" no longer occurs while running the Parallel Migration Wizard  
DE 97074 PER 112306 Resolution ID 537988

10 For MAS200 users only, the SY\_workstation.M4t is no longer populated with workstation records that contain a blank userkey when the message "Another task is attempting to start up. Wait for the task to start before invoking another task".  
DE 96647 PER 111670 Resolution ID 534330

**Previously Released in 4.40.0.8**

11 MD added menus are now added to the Launcher after migration  
DE 96043 PER 111865 Resolution ID 535461

12 During Parallel MigrationSystem files NO longer fails to convert with the following error: Error updating SY\_SagePEPTrack: PHYSICAL UPDATE ABORT: SY\_SagePEPTrack when running  
DE 97884 PER 112720 Resolution ID 539609

**Previously Released in 4.40.0.7**

13 Contact Code list is no longer blank in Paperless Office Delivery Options.  
DE 96964 PER 112240 Resolution ID 537591

14 Error "Unable to spawn a new session. The command line required for the server process is too long" no longer occurs when trying to run a Custom Crystal Report from the Custom Reports menu.  
DE 97006 PER 111375 Resolution ID 532867

15 Custom reports created for work order files WOO and WO9, crystal conversion will remove from the custom report the following fields as there aren't available mappings: itemnumber1 and completeditemnumber1.  
DE 96769

- 16 Participate in the Product Enhancement Program:  
You can now participate in the Product Enhancement Program (PEP). Through PEP, Sage collects information that will help Sage identify trends and usage patterns to improve the quality of the products and services we offer. Sage will not collect sensitive information such as financial information or information on individual transactions.

When installing or upgrading to a new version of Sage ERP MAS, you will be automatically enrolled in PEP. You can opt out at any time using the Product Enhancement Program window accessed through the Administrative Tools window if security is enabled, or the Manage Your System window on start-up if security is not enabled.

Re-Display the Manage Your System Window:

To display the Manage Your System window on start-up, select the new Display the Manage Your System Window on Start-Up check box in System Configuration. This check box is available only if security is not enabled.

DE 97419

## Material Requirements Planning

### New in Product Update 4.50.2.0

- 1 MRP is now showing component demand in the correct warehouse group.  
DE 97659 PER 112478 Resolution ID 538541

### Previously Released in 4.50.1.0

- 2 The Materials tab in Work Order now shows the component items from the phantom bills for Auto Generated Work Orders.  
DE 96966 PER 112247 Resolution ID 537593

### Previously Released in 4.40.0.8

- 3 MRP is now showing component demand in the correct warehouse group.  
DE 97424 PER 112478 Resolution ID 538541

### Previously Released in 4.40.0.7

- 4 The Materials tab in Work Order now shows the component items from the phantom bills for Auto Generated Work Orders.  
DE 96963 PER 112247 Resolution ID 537593

## Magnetic Media

### Previously Released in 4.40.0.8

- 1 W2 Electronic Reporting has been modified according to the Social Security Administration's 2011 Specifications for Filing Forms W2 Electronically (EFW2) publication. The 2011 modifications:

In W2 Electronic Reporting new field Kind of Employer has been added.

"RE" Record--new required field Kind of Employer position 174.

"RW" Record--Cost of Employer Sponsored Health Coverage position 463-473

"RO" Record--Designated Roth Contributions Under a Governmental Section 457 position 111-121,

"RT" Record--Cost of Employer Sponsored Health Coverage position 295-309

"RU" Record--Designated Roth Contributions Under a Governmental Section 457 position 145-159

DE 97062

- 2 In 1099 Electronic Reporting when a Minimum YTD Payment is entered a 1099-MISC "B" record will be created for vendors either have or do not have Misc Box 9 selected in Vendor Maintenance.

DE 97069 PER 111804 Resolution ID 534329

## Paperless Office

### Previously Released in 4.50.1.0

- 1 The Return Order PDF is no longer removed in Vendor Viewer after updating Return of Goods register. Record is only removed if deleted in the Viewer or the Return Order is deleted.

DE 96968 PER 112149 Resolution ID 537106

### Previously Released in 4.40.0.7

- 2 The Return Order PDF is no longer removed in Vendor Viewer after updating Return of Goods register. Record is only removed if deleted in the Viewer or the Return Order is deleted.

DE 96738 PER 112149 Resolution ID 537106

## Purchase Order

### New in Product Update 4.50.2.0

- 1 A PO that has a Return of goods processed against it can now be edited.

DE 97830 PER 112595 Resolution ID 539589

- 2 Auto Reorder Listing now includes the issued quantities with the Quantity Sold.

DE 97651 PER 112565 Resolution ID 538687

- 3 Postings to PO Varianceadjust account now correctly post by warehouse and substitute the 'Location' segment as defined in Warehouse Maintenance.

DE 97381 PER 112427 Resolution ID 538565

- 4 The purchase order now retains status of New if the inventory item has not been received.

DE 97320 PER 112400 Resolution ID 538513

### Previously Released in 4.50.1.0

- 5 Receipt of Goods Entry Error 45 no longer occurs.

DE 97306 PER 112345 Resolution ID 538217

- 6 Auto Generated Purchase Order quantity is now correct when Summarize Multiple Items by Line is selected for purchase orders created from multiple Master Order type sales orders.

DE 96939 PER 112173 Resolution ID 537243

- 7 The Purchase Order Purchase History Report correctly shows zero for Average Days Ordered when the history entry is the result of a receipt of goods without a purchase order.

DE 97002 PER 112467 Resolution ID 538925

### Previously Released in 4.40.0.8

- 8 PO's that have had a return of goods processed against them can now be edited.

DE 97831 PER 112595 Resolution ID 539589

- 9 Auto Reorder Listing now includes the issued quantities with the Quantity Sold.

DE 97586 PER 112565 Resolution ID 538687

- 10 Receipt of Goods Entry Error 45 no longer occurs.

DE 97175 PER 112345 Resolution ID 538217

- 11 Item Maintenance "On PO" quantity is now correct

DE 97919 PER 112035 Resolution ID 536437

- 12 Completed drop ship purchase orders no longer display in I/M Item Maintenance or Item Inquiry Orders tab for PO's

DE 97487

- 13 G/L Account substitution is now correct for P/O Receipt of Invoice variance posting when posting by warehouse.  
DE 97335 PER 112427 Resolution ID 538565
- 14 The purchase order now retains status of New if the inventory item has not been received.  
DE 97296 PER 112400 Resolution ID 538513
- Previously Released in 4.40.0.7**
- 15 Auto Generated Purchase Order quantity is now correct when Summarize Multiple Items by Line is selected for purchase orders created from multiple Master Order type sales orders.  
DE 96795 PER 112173 Resolution ID 537243
- 16 Library Master Utility Rebuild Sorts for purchase order, now rebuilds the PO\_OpenOrderDetailByItem.M4T table.  
DE 96484

## Payroll

### **New in Product Update 4.50.2.0**

- 1 Federal eFiling and Reporting has been updated with new federal tax codes for Puerto Rico and local codes for Ohio.  
DE 97782
- 2 For Federal eFiling and Reporting of the W-2s, the employee e-mail address will now populate the Electronic Delivery column in the W2/1099 Preparer. If you have not done so already, to set up the employee's e-mail address you will need to do the following:

#### Paperless Office:

1. From Paperless Office Setup menu select Options. Select the Forms checkbox.
2. From Paperless Office Setup menu select Form Maintenance. Complete the following:
  - a. Company Code
  - b. Module Code (P/R)
  - c. Document (Direct Deposit Stub)
  - d. PDF Directory
  - e. Override Password/Confirm Password

#### Payroll:

1. From Payroll Setup menu select Options. On the Direct Deposit tab select Require Direct Deposit checkbox.
2. From the Payroll Main menu select Employee Maintenance. Select employee, select the Direct Deposit checkbox and then click the Direct Deposit button.
3. On the Direct Deposits window click the Paperless button.
4. On the Paperless Office Delivery Options window complete the following:
  - a. PDF Document Password
  - b. E-mail Address (for employee). Accept

After setting up the e-mail address for an employee, if that employee is not paid by Direct Deposit you may deselect the Direct Deposit checkbox on the Main panel in Employee Maintenance. The e-mail address entered will be retained. You will need to perform the Payroll steps 2 through 4 for each employee you want to set up with an e-mail address  
DE 97777 PER 108204 Resolution ID 516957

### **Previously Released in 4.50.1.0**

- 3 Deductions based on Regular Hours Worked now pull into payroll data entry after being converted.  
DE 97443 PER 112490 Resolution ID 539025

### **Previously Released in 4.40.0.8**

- 4 New W2 Box 12 Codes DD & EE have been added for W2 Federal eFiling and Reporting.  
DE 97064
- 5 New field Kind of Employer has been added to Federal eFiling and Reporting for W2 Reporting.  
DE 97066
- 6 In Federal eFiling and Reporting new local codes have been added for Ohio.  
DE 97068
- 7 Federal eFiling and Reporting has been updated with new federal tax codes for Puerto Rico and local codes for Ohio.  
DE 97783
- 8 Deduction Code Maintenance and W2 Form Printing have been modified to allow entry of new Box 12 Code DD & EE.  
DE 97060
- 9 For Federal eFiling and Reporting of the W-2s, the employee e-mail address will now populate the Electronic Delivery column in the W2/1099 Preparer. If you have not done so already, to set up the employee's e-mail address you will need to do the following:

Paperless Office:

1. From Paperless Office Setup menu select Options. Select the Forms checkbox.
2. From Paperless Office Setup menu select Form Maintenance. Complete the following:
  - a. Company Code
  - b. Module Code (P/R)
  - c. Document (Direct Deposit Stub)
  - d. PDF Directory
  - e. Override Password/Confirm Password

Payroll:

1. From Payroll Setup menu select Options. On the Direct Deposit tab select Require Direct Deposit checkbox.
2. From the Payroll Main menu select Employee Maintenance. Select employee, select the Direct Deposit checkbox and then click the Direct Deposit button.
3. On the Direct Deposits window click the Paperless button.
4. On the Paperless Office Delivery Options window complete the following:
  - a. PDF Document Password
  - b. E-mail Address (for employee). Accept

After setting up the e-mail address for an employee, if that employee is not paid by Direct Deposit you may deselect the Direct Deposit checkbox on the Main panel in Employee Maintenance. The e-mail address entered will be retained. You will need to perform the Payroll steps 2 through 4 for each employee you want to set up with an e-mail address.

DE 97778 PER 108204 Resolution ID 516957

**Previously Released in 4.40.0.7**

10 Payroll Tax Calculation and the tax tables have been modified based on the Connecticut Withholding and Calculation Rules Effective August 1, 2011. The Tax Calculation program has been modified for versions 4.20 and higher.

Note: Following the last payroll processed in July and prior to the first payroll processed in August, in order for the Connecticut taxes to calculate correctly for the remainder of the Tax Year 2011, you must:

- Install the Payroll Tax Table Update
- Assign the appropriate new employee filing status for each employee that earned Connecticut income in 2011 prior to August 1.

The following new filing statuses have been added to the CT tax tables based on the Withholding and Calculation Rules:

#### Filing Status Description

A1 A-PHASEOUT WGS TO 62,750  
A2 A-PHASEOUT WGS > 62,750  
A3 A-PHASEOUT/RECAP WGS > 200K  
B1 B-PHASEOUT WGS TO 98,500  
B2 B-PHASEOUT WGS > 98,500  
B3 B-PHASEOUT/RECAP WGS > 320K  
C1 C-PHASEOUT WGS TO 125,500  
C2 C-PHASEOUT WGS > 125,500  
C3 C-PHASEOUT/RECAP WGS > 400K  
D1 D-PHASEOUT WGS TO 62,750  
D2 D-PHASEOUT WGS > 62,750  
D3 D-PHASEOUT/RECAP WGS > 200K  
F1 F-PHASEOUT WGS TO 81,500  
F2 F-PHASEOUT WGS > 81,500  
F3 F-PHASEOUT/RECAP WGS > 200K

The pre-existing Filing Statues A, B, C, D & F have been updated with the new rates for Table C- Withholding Tax and should be used for employees hired after August 1, 2011.

#### Additional Information Regarding Calculating Connecticut Taxes

Due to the significant changes in the Connecticut tax law you must pay special attention to employees' wages throughout the balance of this tax year. The following are some special circumstances where the Sage ERP MAS 90 and 200 Payroll program calculations cannot fully accommodate these tax law changes and manual calculations may be required. For example:

- If you have recently hired employees, prior to August 1, 2011, you will have to determine whether to continue to use their existing filing status or change to the new filing status. Either way, for this small group of employees, they will be under or over withheld. You may want to calculate their taxes manually to determine which filing status will calculate the most accurate withholding amount for the rest of the year.
- For employees with varying paid hours (20 hrs week 1, 30 hrs week 2, etc) you would need to manually calculate their taxes using the wage bracket tables and enter as manual taxes in Payroll Data Entry for each check.
- In order for employees who have elected to have an additional state tax amount withheld from their check, manual tax calculation will be required because the new recapture tax calculations for Connecticut will keep adjusting the YTD state tax based on the new tables.

- For employees with standard paid hours (40 hours weekly) who have elected to have an additional state tax amount withheld from their check, you would manually calculate their taxes and add the additional amount, then store the amount as an override Amount in Employee Maintenance. Or, you may elect to no longer make the additional calculation available to your employees.
- For employees with varying paid hours (20 hrs week 1, 30 hrs week 2, etc) who have elected to have an additional state tax amount withheld, you would need to manually calculate their taxes using the wage bracket tables, add the additional amount and enter the sum as manual taxes in Payroll Data Entry for each check. Or, you may elect to no longer make the additional calculation available to your employees.
- For employees who receive a raise in pay after August 1, 2011, it may be necessary to re-assign their Filing Status when processing their change if the salary adjustment moves them into another bracket.

DE 96625

- 11 Daily Transaction Register is no longer out of balance when accruing payroll.  
DE 96300 PER 111997 Resolution ID 536131
- 12 In State eFiling and Reporting gross wages now populate Line 13 on Texas Form C- 3.  
DE 96807 PER 112155 Resolution ID 537143

#### **Return Materials Authorization**

##### **Previously Released in 4.40.0.7**

- 1 Selections made using the Show All button in RMA entry Lot distribution now retains the selections.  
DE 96967

#### **Sales Order**

##### **New in Product Update 4.50.2.0**

- 1 Backorder quantities are no longer auto-filled in shipping data entry  
DE 97622 PER 112574 Resolution ID 539451
- 2 Quantity in Inventory is correct when UM is changed in data entry and UM has different quantities for SO and PO  
DE 97835 PER 112677 Resolution ID 540119
- 3 The original cost for a serial item is returned on S/O credit memo update provided the cost tier still exists in IM\_ItemCost  
DE 95760 PER 111708 Resolution ID 534513
- 4 Sales Journal Update, for a credit memo, or a standard invoice for a negative quantity, where a lot tier is being updated to, the cost of the existing tier is used (and retained) for the cost of the sale.  
DE 97322 PER 112343 Resolution ID 537335
- 5 Shipping Data Entry Focus now returns to Item Code Field when Kit item is not exploded.  
DE 96350 PER 112023 Resolution ID 536341
- 6 Ship weight is now calculating correctly in Sales Order Entry and Sales Order Invoice Entry after conversion.  
DE 96607 PER 112036 Resolution ID 536387

##### **Previously Released in 4.40.0.8**

- 7 Backorder Quantities are no longer auto-filled in Shipping Data Entry when the shipper Id does not have rights  
DE 97601 PER 112574 Resolution ID 539451
  - 8 Inventory is updated correctly if UM is changed in SO and PO entry with same UM different quantities  
DE 97800 PER 112677 Resolution ID 540119
- Previously Released in 4.40.0.7**
- 9 The Customer's Credit Limit Exceeded warning is now displaying in Shipping Data Entry when customer has exceeded the aging or credit limit.  
DE 97121 PER 110441 Resolution ID 527910
  - 10 Correct cost is returned to an existing cost tier for serial number on S/O credit memo  
DE 95657 PER 111708 Resolution ID 534513
  - 11 Customer Last Purchase History is no longer blank in Sales Order and Sales Order Invoice Data Entry.  
DE 96804 PER 110831 Resolution ID 529161
  - 12 Sales Journal Update, for a credit memo, or a standard invoice for a negative quantity, where a lot tier is being updated to, the cost of the existing tier is used (and retained) for the cost of the sale.  
DE 97174 PER 112343 Resolution ID 537335
  - 13 In Shipping Data Entry Focus now returns to Item Code Field when Kit item is not exploded.  
DE 96991 PER 112023 Resolution ID 536341
  - 14 Ship weight is now calculating correctly in Sales Order Entry and Sales Order Invoice Entry after conversion.  
DE 96386 PER 112036 Resolution ID 536387
  - 15 The Location Code List now displays all existing codes that begin with the character entered in the Ship To Addr field.  
DE 96755 PER 112159 Resolution ID 537169
  - 16 In Shipping Data Entry, following specific steps lines disappear when the Shipping Setup Options Return Focus to Item Code after Entering Quantity is selected and a handheld scanner is used.  
DE 96495 PER 112078 Resolution ID 515124

## **System Setup**

### **New in Product Update 4.50.2.0**

- 1 The MAS 90/200 Help Files have been updated in this release. To update your local Help Files, run WKSUpdate located in the MAS 90/200 Server's ..\mas90\wksetup directory from each MAS 90/200 Workstation.  
DE 98029

## **Visual Integrator**

### **New in Product Update 4.50.2.0**

- 1 Lines are now populated when importing into SO\_SalesOrderHeader based on a Repeating Order after upgrading.  
DE 97544 PER 112510 Resolution ID 539015
- 2 New inventory items are now imported into Inventory Delete and Change Utility when the new item is the ALIAS of the original item.  
DE 97230 PER 112225 Resolution ID 537508
- 3 The Offset Account is now imported correctly into GL\_TransactionJournalheader.  
DE 97227 PER 112122 Resolution ID 536827

#### **Previously Released in 4.50.1.0**

- 4 Error 40 WOWDBK 1560 no longer occurs when importing Work order transaction for Backflush Work Orders.  
DE 96891 PER 112200 Resolution ID 537369
- 5 Invoices are now imported into correct Batch when importing into AP Invoice Data Entry.  
DE 97110 PER 112314 Resolution ID 537983

#### **Previously Released in 4.40.0.8**

- 6 Lines are now populated when importing into SO\_SalesOrderHeader based on a Repeating Order after upgrading.  
DE 97455 PER 112510 Resolution ID 539015
- 7 New inventory items are now imported into Inventory Delete and Change Utility when the new item is the ALIAS of the original item.  
DE 96934 PER 112225 Resolution ID 537508
- 8 The Offset Account is now imported correctly into GL\_TransactionJournalheader.  
DE 97226 PER 112122 Resolution ID 536827

#### **Previously Released in 4.40.0.7**

- 9 Error 40 WOWDBK 1560 no longer occurs when importing Work order transaction for Backflush Work Orders.  
DE 96878 PER 112200 Resolution ID 537369
- 10 Invoices are now imported into correct Batch when importing into AP Invoice Data Entry.  
DE 97092 PER 112314 Resolution ID 537983

### **Work Order Processing**

#### **New in Product Update 4.50.2.0**

- 1 Quantity is now correct after processing a Work Order completion to multiple warehouses if the second warehouse is a new warehouse.  
DE 97722 PER 112627 Resolution ID 539791
- 2 Error 13 WOWDAB 8112 no longer occurs in selecting Make For Sales Order in Work Order Entry and using keyboard shortcuts.  
DE 97515 PER 112446 Resolution ID 538829
- 3 The Extension in Work Order Inquiry / Transaction tab now uses the Number of Decimals in Cost Entries from Common Information.  
DE 97398 PER 112447 Resolution ID 538333
- 4 Phantom Bills can now be reversed in work order entry  
DE 97325 PER 112394 Resolution ID 538267

#### **Previously Released in 4.50.1.0**

- 5 WO transaction entries now fill all required fields when creating new entries in IM\_ItemCost.  
DE 96696 PER 112449 Resolution ID 538811
- 6 WO completion transaction now prompts for Lot Number  
DE 97215 PER 112301 Resolution ID 537891

#### **Previously Released in 4.40.0.8**

- 7 Quantity is now correct after processing a Work Order completion to multiple warehouses if the second warehouse is a new warehouse.  
DE 97707 PER 112627 Resolution ID 539791
- 8 Error 13 WOWDAB 8112 no longer occurs in selecting Make For Sales Order in Work Order Entry and using keyboard shortcuts.  
DE 97513 PER 112446 Resolution ID 538829

- 9 The Extension in Work Order Inquiry / Transaction tab now uses the Number of Decimals in Cost Entries from Common Information.  
DE 97370 PER 112447 Resolution ID 538333
- 10 Phantom Bill can now be reversed in Work Order Entry  
DE 97275 PER 112394 Resolution ID 538267
- Previously Released in 4.40.0.7**
- 11 WO transaction entries now fill all required fields when creating new entries in IM\_ItemCost.  
DE 96690 PER 112449 Resolution ID 538811
- 12 WO completion transaction entry now prompts for the Lot number  
DE 97047 PER 112301 Resolution ID 537891

## The Following files are updated by Product Update 4.50.2.0

abstract\_db.pvc  
AP\_InvoicePaymentListing\_rpt.pvc  
BM\_CostedMaterialsReport\_rpt.pvc  
BM\_DisassemblyRegister\_upd.pvc  
BM\_InvalidBill\_util  
BM\_ProductionRegister\_upd.pvc  
CI\_CostRecalc\_upd.pvc  
CI\_ItemMigrationDefaultFix\_util  
CI\_TierCostCalc.pvc  
CI\_UnitOfMeasure\_val.pvc  
CI\_UpdateDetailToIM.pvc  
CI\_WrapperTierCostCalc.pvc  
Cmwud2  
database.pvc  
db\_ado.pvc  
db\_manager.pvc  
db\_table.pvc  
GL\_Account\_bus.pvc  
GL\_TransactionJournal\_Bus.pvc  
IM.chm  
IM\_BalanceInvQtyCost\_Util.M4L  
IM\_BalanceInvQtyCost\_Util.m4p  
IM\_BalanceInvQtyCost\_Util.pvc  
IM\_BalanceQtyOnHand\_ui.pvc  
IM\_ClearCommitDataEntry\_util  
IM\_ClearCommitDataEntry\_UTL.pdf  
IM\_CommitCheck\_util  
IM\_CommitCheckClear\_util  
IM\_CommitCheckClear\_UTL.pdf  
IM\_DeleteChangeItems\_bus.pvc  
IM\_Item\_ui.pvc  
IM\_ItemTransInquiry\_ui.pvc  
IM\_NegativeTierRegister\_upd.pvc  
IM\_PhysicalCountVarRegister\_upd.pvc  
IM\_PhysicalCountWrkst\_rpt.pvc  
IM\_SalesKit\_bus.pvc  
IM\_SalesKit\_ui.pvc  
IM\_SalesKitDetail\_bus.pvc  
IM\_TransactionRegister\_upd.pvc  
JC Data Fix Utility for JC1.pdf  
JC\_DataFix\_Util.M4L  
JC\_DataFix\_Util.m4p  
JC\_DataFix\_Util.pvc  
Jcwrpb  
mdwmqz  
MPWRAB  
PL\_LogMigration\_util  
PO\_AutomaticReorderSelect\_UI.PVC  
PO\_MaterialReqIssueRegister\_upd.pvc  
PO\_PURCHASEHISTORY\_UTL.doc  
PO\_PurchaseOrderPrinting\_rpt.pvc  
PO\_PurchasesHistory\_util  
PO\_ReceiptRegister\_upd.pvc  
PO\_Return\_bus.pvc  
PO\_ReturnRegister\_upd.pvc  
PR\_eFiling.pvc  
prfile.dd  
prfld.dd  
providex.dde  
providex.ddf  
SO\_InvoiceDetail\_Bus.pvc  
SO\_InvoiceTierDistribution\_Bus.pvc  
SO\_SalesOrder\_bus.pvc

SO\_Shipping\_bus.pvc  
SO\_Shipping\_Ui.Pvc  
SRNs  
SWQSCR.37145020  
SWQSCR.40045020  
SWQSCR.40545020  
SWQSCR.41045020  
SWQSCR.42045020  
SWQSCR.43045020  
SWQSCR.4400145020  
SWQSCR.4400245020  
SWQSCR.4400345020  
SWQSCR.4400445020  
SWQSCR.4400545020  
SWQSCR.4400645020  
SWQSCR.4400745020  
SWQSCR.4400845020  
SWQSCR.44045020  
SWQSCR.44545020  
swquery  
SWQUERY.XEQ  
SY\_Installation.pvc  
SY\_PayrollEFileMapping.M4T  
SY\_Session.pvc  
SY\_Sql.pvc  
SY\_System.M4T  
SY\_TranslatePvxToSQL.PVC  
SY0DD1.450  
SY0DD2.SOA  
SY0DD4.SOA  
SY0DD5.SOA  
SY1QDD.SOA  
tblinfo.pvc  
VI\_Common.pvc  
WOWDAB  
WOWDAK  
WOWIAF  
WOWIDF  
WOWJBA  
Wowubd

**The Following files may undergo conversion in Product Update 4.50.2.0**

SY\_MultiPartForm  
SY\_ReportSetting  
VI\_ImportJobDefinitionWrk  
VI\_ODBCField

## The Following files are updated by Product Update 4.50.1.0

AR\_Customer.M4L 124 9/27/2011  
AR\_DeleteChangeCustomers\_ui.pvc 18 8/22/2011  
AR\_Module.M4T  
AR\_MonthlySalesReport\_rpt.pvc 110 9/16/2011  
AR\_Task.M4T  
AR0CTL.SOA  
AR0DD2.SOA  
AR0FRM.SOA  
AR1OFC.SOA  
AR1Q02.SOA  
AR1Q04.SOA  
BM\_Bill\_bus.pvc 99 9/13/2011  
BM\_CostedMaterialsReport\_rpt.pvc 19 8/23/2011  
BM\_DisassemblyRegister\_upd.pvc 103 9/14/2011  
BM\_ProductionRegister\_upd.pvc 198 10/24/2011  
BM\_SingleLevelReport\_rpt.pvc 77 9/7/2011  
CI\_CommonTierDistribution.pvc 134 10/4/2011  
CI\_CULinkRecords.pvc 116 9/21/2011  
CI\_ItemCode\_bus.pvc 99 9/13/2011  
CI\_TierCostCalc.pvc 187 10/21/2011  
CI\_UpdateDetailToIM.pvc 181 10/20/2011  
cm1ofc.soa 51 8/25/2011  
GL\_Module.M4T  
GL\_OutOfBalanceSourceJrnl3\_rpt.PVC 149 10/6/2011  
GL\_ReprintJournals\_rpt.pvc 131 10/4/2011  
GL\_Task.M4T  
GL0CTL.SOA  
GL0DD2.SOA  
GL0FRM.SOA  
GL1OFC.SOA  
GL1Q02.SOA  
GL1Q04.SOA  
IM\_BalanceQtyOnHand\_ui.pvc 185 10/21/2011  
IM\_CountCardVarRegister\_upd.pvc 206 10/27/2011  
IM\_Item.M4L 128 10/3/2011  
IM\_Item\_ui.pvc 85 9/8/2011  
IM\_SalesHistoryReport\_rpt.pvc 85 9/8/2011  
IM\_TransactionRegister\_upd.pvc 198 10/24/2011  
IN\_ActivityType.M4T  
IN\_ExportLink.M4T  
IN\_GridDefinition.M4T  
IN\_Menu.M4T  
IN\_Message.M4T  
IN\_Module.M4T  
IN\_PollingSystem.M4T  
IN\_PopupXref.M4T  
IN\_ReportManagerMaster.M4T  
IN\_ReportManagerTemplate.M4T  
IN\_SQLOptimize.M4T  
IN\_System.M4T  
IN\_Task.M4T  
IN\_Template.M4T  
IN\_Token.M4T  
IN0CNF.SOA  
IN0CTL.SOA  
IN0DD2.SOA  
IN0DD4.SOA  
IN0DD5.SOA  
IN0STE.SOA  
IN1Q01.SOA  
IN1Q02.SOA  
IN1Q03.SOA

IN1Q04.SOA  
 IN1QDD.SOA  
 log4net.dll 146 10/5/2011  
 logging.config 146 10/5/2011  
 MD\_ClassMaintBus\_UI.PVC 176 10/20/2011  
 MD\_ClassMaintEnh\_ui.pvc 176 10/20/2011  
 MD\_ClassMaintRpt\_UI.PVC 176 10/20/2011  
 MD\_ClassMaintSvc\_UI.PVC 176 10/20/2011  
 MD\_ClassMaintVal\_UI.PVC 176 10/20/2011  
 MPWRAB 77 9/7/2011  
 PO\_PurchaseHistoryReport\_rpt.pvc 204 10/27/2011  
 PO\_ReceiptRegister\_upd.pvc 113 9/20/2011  
 PO\_Return\_bus.pvc 83 9/8/2011  
 PO\_ReturnRegister\_upd.pvc 39 8/24/2011  
 providex.dcl 36 8/23/2011  
 providex.dde 149 10/9/2011  
 providex.ddf 195 10/24/2011  
 providex.prm 36 8/23/2011  
 PRWDAE 204 10/27/2011  
 RA\_GenerateTransactions.M4L 194 10/24/2011  
 RA\_GenerateTransactions\_upd.pvc 203 10/26/2011  
 RA\_Module.M4T  
 RA\_Task.M4T  
 RA0CTL.SOA  
 RA0DD2.SOA  
 RA0FRM.SOA  
 RA1OFC.SOA  
 RA1Q02.SOA  
 RA1Q04.SOA  
 Sage.PEP.Client.dll 146 10/5/2011  
 Sage.PEP.Client.dll.manifest 146 10/5/2011  
 Sage.PEP.Client.tlb 146 10/5/2011  
 Sage.PEP.Environment.dll 146 10/5/2011  
 Sage.PEP.Environment.Interface.dll 146 10/5/2011  
 SO\_CommonEntryDetail.pvc 41 8/24/2011  
 SO\_InvoiceDetail\_Bus.pvc 204 10/27/2011  
 SO\_SalesJournal\_upd.pvc 198 10/24/2011  
 SO\_SalesOrderDetail\_bus.pvc 204 10/27/2011  
 SO\_Shipping\_Ui.Pvc 142 10/5/2011  
 startup.m4p 57 8/31/2011  
 SWQSCR.37145010 190 10/21/2011  
 SWQSCR.40045010 190 10/21/2011  
 SWQSCR.40545010 190 10/21/2011  
 SWQSCR.41045010 190 10/21/2011  
 SWQSCR.42045010 190 10/21/2011  
 SWQSCR.43045010 190 10/21/2011  
 SWQSCR.4400145010 190 10/21/2011  
 SWQSCR.4400245010 190 10/21/2011  
 SWQSCR.4400345010 190 10/21/2011  
 SWQSCR.4400445010 190 10/21/2011  
 SWQSCR.4400545010 190 10/21/2011  
 SWQSCR.4400645010 190 10/21/2011  
 SWQSCR.4400745010 190 10/21/2011  
 SWQSCR.44045010 190 10/21/2011  
 SWQSCR.44545010 190 10/21/2011  
 SWQSCR.45045010 190 10/21/2011  
 SY\_Installation.pvc 85 9/8/2011  
 SY\_Launcher\_ui.pvc 146 10/6/2011  
 SY\_Maint.pvc 85 9/8/2011  
 SY\_Module.M4T 47 10/26/2011  
 SY\_SagePEP.pvc 146 10/5/2011  
 SY\_SagePEPLaunch.pvc 146 10/6/2011  
 SY\_SagePEPLaunchNoEnv.pvc 146 10/6/2011  
 SY\_Selection.pvc 31 8/23/2011

SY\_System.M4T 86 9/8/2011  
SY\_Task.M4T 144 10/5/2011  
SY\_TranslatePvxToSQL.PVC 38 8/24/2011  
sy0ctl.soa 45 10/26/2011  
sy0dct.soa 157 10/18/2011  
SY0DD2.SOA 45 8/25/2011  
sy0eop.soa 157 10/18/2011  
sy0frm.soa 157 10/18/2011  
sy1q02.soa 159 10/19/2011  
sy1q04.soa 159 10/19/2011  
VI\_ImportJobCompile.pvc 125 9/29/2011  
VIWIMP 168 10/19/2011  
WOWDBB 205 10/27/2011  
WOWDBE 205 10/27/2011  
WOWDBI 205 10/27/2011  
WOWDBJ 205 10/27/2011  
WOWDBK 205 10/27/2011  
WOWIAE 43 8/25/2011  
WOWJBA 205 10/27/2011  
Wowrab 43 8/25/2011  
Wowubb 43 8/25/2011  
Wowubc 43 8/25/2011

**The Following files may undergo conversion in Product Update 4.50.1.0**

None

## The Following files are contained in Product Update 4.50.2.0 (cumulative list)

abstract\_db.pvc  
AP\_InvoicePaymentListing\_rpt.pvc  
AR\_Customer.M4L  
AR\_DeleteChangeCustomers\_ui.pvc  
AR\_MonthlySalesReport\_rpt.pvc  
BM\_Bill\_bus.pvc  
BM\_CostedMaterialsReport\_rpt.pvc  
BM\_DisassemblyRegister\_upd.pvc  
BM\_InvalidBill\_util  
BM\_ProductionRegister\_upd.pvc  
BM\_SingleLevelReport\_rpt.pvc  
CI\_CommonTierDistribution.pvc  
CI\_CostRecalc\_upd.pvc  
CI\_CULinkRecords.pvc  
CI\_ItemCode\_bus.pvc  
CI\_ItemMigrationDefaultFix\_util  
CI\_TierCostCalc.pvc  
CI\_UnitOfMeasure\_val.pvc  
CI\_UpdateDetailToM.pvc  
CI\_WrapperTierCostCalc.pvc  
cm1ofc.soa  
Cmwud2  
database.pvc  
db\_ado.pvc  
db\_manager.pvc  
db\_table.pvc  
GL\_Account\_bus.pvc  
GL\_OutOfBalanceSourceJrnl3\_rpt.PVC  
GL\_ReprintJournals\_rpt.pvc  
GL\_TransactionJournal\_Bus.pvc  
IM.chm  
IM\_BalanceInvQtyCost\_Util.M4L  
IM\_BalanceInvQtyCost\_Util.m4p  
IM\_BalanceInvQtyCost\_Util.pvc  
IM\_BalanceQtyOnHand\_ui.pvc  
IM\_ClearCommitDataEntry\_util  
IM\_ClearCommitDataEntry\_UTL.pdf  
IM\_CommitCheck\_util  
IM\_CommitCheckClear\_util  
IM\_CommitCheckClear\_UTL.pdf  
IM\_CountCardVarRegister\_upd.pvc  
IM\_DeleteChangeItems\_bus.pvc  
IM\_Item.M4L  
IM\_Item\_ui.pvc  
IM\_ItemTransInquiry\_ui.pvc  
IM\_NegativeTierRegister\_upd.pvc  
IM\_PhysicalCountVarRegister\_upd.pvc  
IM\_PhysicalCountWrkst\_rpt.pvc  
IM\_SalesHistoryReport\_rpt.pvc  
IM\_SalesKit\_bus.pvc  
IM\_SalesKit\_ui.pvc  
IM\_SalesKitDetail\_bus.pvc  
IM\_TransactionRegister\_upd.pvc  
JC Data Fix Utility for JC1.pdf  
JC\_DataFix\_Util.M4L  
JC\_DataFix\_Util.m4p  
JC\_DataFix\_Util.pvc  
Jewrpb  
log4net.dll  
logging.config  
MD\_ClassMaintBus\_UI.PVC  
MD\_ClassMaintEnh\_ui.pvc

MD\_ClassMaintRpt\_UI.PVC  
MD\_ClassMaintSvc\_UI.PVC  
MD\_ClassMaintVal\_UI.PVC  
mdwmqz  
MPWRAB  
PL\_LogMigration\_utl  
PO\_AutomaticReorderSelect\_UI.PVC  
PO\_MaterialReqIssueRegister\_upd.pvc  
PO\_PURCHASEHISTORY\_UTL.doc  
PO\_PurchaseHistoryReport\_rpt.pvc  
PO\_PurchaseOrderPrinting\_rpt.pvc  
PO\_PurchasesHistory\_utl  
PO\_ReceiptRegister\_upd.pvc  
PO\_Return\_bus.pvc  
PO\_ReturnRegister\_upd.pvc  
PR\_eFiling.pvc  
prfile.dd  
prfld.dd  
produpdsrns.pdf  
providex.dcl  
providex.dde  
providex.ddf  
providex.prm  
PRWDAE  
RA\_GenerateTransactions.M4L  
RA\_GenerateTransactions\_upd.pvc  
Sage.PEP.Client.dll  
Sage.PEP.Client.dll.manifest  
Sage.PEP.Client.tlb  
Sage.PEP.Environment.dll  
Sage.PEP.Environment.Interface.dll  
SO\_CommonEntryDetail.pvc  
SO\_InvoiceDetail\_Bus.pvc  
SO\_InvoiceTierDistribution\_Bus.pvc  
SO\_SalesJournal\_upd.pvc  
SO\_SalesOrder\_bus.pvc  
SO\_SalesOrderDetail\_bus.pvc  
SO\_Shipping\_bus.pvc  
SO\_Shipping\_Ui.Pvc  
startup.m4p  
SWQSCR.37145010  
SWQSCR.37145020  
SWQSCR.40045010  
SWQSCR.40045020  
SWQSCR.40545010  
SWQSCR.40545020  
SWQSCR.41045010  
SWQSCR.41045020  
SWQSCR.42045010  
SWQSCR.42045020  
SWQSCR.43045010  
SWQSCR.43045020  
SWQSCR.4400145010  
SWQSCR.4400145020  
SWQSCR.4400245010  
SWQSCR.4400245020  
SWQSCR.4400345010  
SWQSCR.4400345020  
SWQSCR.4400445010  
SWQSCR.4400445020  
SWQSCR.4400545010  
SWQSCR.4400545020  
SWQSCR.4400645010  
SWQSCR.4400645020

SWQSCR.4400745010  
SWQSCR.4400745020  
SWQSCR.4400845020  
SWQSCR.44045010  
SWQSCR.44045020  
SWQSCR.44545010  
SWQSCR.44545020  
SWQSCR.45045010  
swquery  
SWQUERY.XEQ  
SY\_Installation.pvc  
SY\_Launcher\_ui.pvc  
SY\_Maint.pvc  
SY\_Module.M4T  
SY\_PayrollEFilingMapping.M4T  
SY\_SagePEP.pvc  
SY\_SagePEPLaunch.pvc  
SY\_SagePEPLaunchNoEnv.pvc  
SY\_Selection.pvc  
SY\_Session.pvc  
SY\_Sql.pvc  
SY\_System.M4T  
SY\_Task.M4T  
SY\_TranslatePvxToSQL.PVC  
sy0ctl.soa  
sy0dct.soa  
SY0DD1.450  
SY0DD2.SOA  
SY0DD4.SOA  
SY0DD5.SOA  
sy0eop.soa  
sy0frm.soa  
sy1q02.soa  
sy1q04.soa  
SY1QDD.SOA  
tblinfo.pvc  
VI\_Common.pvc  
VI\_ImportJobCompile.pvc  
VIWIMP  
WOWDAB  
WOWDAK  
WOWDBB  
WOWDBE  
WOWDBI  
WOWDBJ  
WOWDBK  
WOWIAE  
WOWIAF  
WOWIDF  
WOWJBA  
Wowrab  
Wowubb  
Wowubc  
Wowubd