eMIS Modifications
ASOF THIS Release 8.0.9

Changes for this version are in Red.

New Subsystems:

- Import Bills of Materials - Provides for the ability to upload Bills of Material from an outside source such as AutoCad
- eMIS API - Currently provides the ability to upload in eMIS the following:
  - Items
  - Cleared AP Checks
  - Purchase Order Lines
  - Purchase Order Receipts
  - Sales Orders

Enhancements:

Technical:

- Bug Fixes / Minor enhancements / Cosmetic Screen changes - There are many bugs / minor enhancements / cosmetic screen changes that have been fixed since the last FULL release eMIS. View file ESR's ASOF THIS release.txt

- eMIS User
- eMIS Controls
- eMIS Registry - Moved several controls (format for dates in UDDATA, reports, Use case insensitive queries, etc.) from the eMIS registry to eMIS controls and eMIS users for easier user maintenance.

- Performance Enhancements - Removed generated sequence-in-parent logic from several forms such as apm4160 and arm4130. The generated sequence-in-parent logic used the function NVL thus causing FULL table scans when inserting rows.

- 7 line address - All eMIS documents that print address information will now print for a centrally created 7 line address.

  The lines of the address are:
  - name 1
  - name 2
  - street 1
  - street 2
  - street 3
  - city, state postal code

- country name

Notes:
- Any column of the address that contains a single period will be considered as NULL.
- All mailing addresses will print in uppercase except Remit To Address which prints as defined by user

• Database 10g workarounds	- Several workarounds were developed due to differences between 10g, 9i and 8i databases. These changes were in both EDU SQL scripts as well as eMIS main libraries.
• Windows Registry	- Changed to use the windows registry to find the locations of internet explorer and Acrobat reader
• Preset GL accounts	- In forms where the GL account is preset, such as apm4160(AP GL Distributions), the validation of the GL account does not take place until the entry of the last GL level or insertion into the database.
• Edit button	- Added an edit button to the toolbar to make the maintenance of comments easier.
• PDF / email reports	- The standard reporting interface provides the ability to create a portal PDF document that can be saved or email.
• >> Buttons	- Provides the ability to drill down to the details behind an order, journal, invoice, transaction, etc.
• 1st Query block programs	- Developed generic logic to removed bus_unit and other system created globals to help prevent accidental FULL scan queries.
• Emailing special form documents such as Sales Order/Quote	- The format will be a PDF, with no shading and only one form copy printed.
• Special form documents such as Sales Order/Quote	- Provided the ability with a separate reports to print/email without a header page - Provided the ability to turn on/off the printing color
• Reporting	- Provided the ability to print Special Form documents such as Sales Order/Quote, Sales Order Pick Ticket, etc. along with other reports (A/R Statements, A/R Agings) from the print button on the eMIS toolbar.

- Menu - Added the ability to display business functions by All, Setup, Query, Report, Transaction or Other.
- Windows - Added the ability to control separately whether you want the MDI window to maximize or the eMIS window to maximize
- Call Form Only - Added the ability to determine whether you want to only start forms using "CALL_FORM". This functionality would be used when eMIS is being executed in a WEB Portal(Oracle Portal) and not the eMIS Menu.

Administrative:

- eMIS Access - Added the ability to eMIS User Setup to easily see and add eMIS Menu and Business Unit access in a single program.
- Menu Access - Provided the ability to easily create Business function access records for a user, business process, application system and eMIS role

Financial:

- Customer Collection Notes
  - Added a follow-up tab to provide an easier way of knowing what notes need to be addressed. These notes are also visible in Customer Setup.
  - Added a Open RMA tab to provide an easier way of viewing what RMA's are currently open for a customer
- Vendor Notes
  - Provides for the ability to enter and track notes for a vendor. These notes are also visible in Vendor Setup.
  - Added a Open RTV tab to provide an easier way of viewing what RTV's are currently open for a vendor
- DEFLT address information - Changed to synchronize the default address information for both vendor and customer. These addresses include the Main address, DEFLT address and DEFLT contact address.
- Performance enhancement - Changed the Selection of AP Vouchers to execute specific validation logic only once instead of executing it for each vendor thus increasing the speed of this process.
- Retained Earnings - Tighten up the rules for a retained earnings account.

- Advance Payments
  - Changed to provide the ability to produce an AR aging that would not include advanced payment invoices and produce final invoices that would be increased or decreased depending on if the advanced payment invoices were fully paid.
- AR Aging
  - Provides the ability to produce an aging in either foreign or domestic currencies.
  - Provides the ability to filter customers by customer type
  - Provides the ability to save current aging information for display on multiple customer screens(A/R Agings, Customer AR Segment Setup, etc.)
  - Provided the ability to order customers by customer number or by customer name
  - Improved performance of calculating the AR aging
- AR Aging Query
  - Added new tabs to provide an easier view of customers that are PAST DUE
- AP Aging
  - Provides the ability to produce an aging in either foreign or domestic currencies.
  - Provides the ability to filter vendors by vendor type
  - Provided the ability to order vendors by either vendor number or vendor name.
- Customer Call List
  - Provides the ability to produce a call list based on either a PAST DUE AMOUNT or PAST DUE DAYS.
  - Provided the ability to order customers by customer number or by customer name
- Customer balances
  - Provides the ability for a user to reset the customer balance.
- Fiscal Periods
  - Changed to easily maintain the statues (open/close/current) for module(s) for a given period or year.
- Cash reconciliation
  - Provides the ability to reconciliation the GL cash account to a bank statement.
  - Added footer page to provide an easier method of reconciling the GL Cash to a Bank Statement Added another section to show the reconciliation to the GL.
  - Added another section to display cleared totals by statement
  - Provided a method to not display of counted GL

transactions being to fix issues with in Cash
- Provided the ability to display only cleared transactions

• AP/PO matching	- Changed to be more user friendly and the ability to clear unmatchable PO receipts. - Added the ability to auto close short a purchase order when the AP Voucher is posted. - Added the ability to create a GL transaction (AP Accrual and COGS) when clearing a purchase order receipt. The turn on/off switch is found in Distribution Control Setup(ADM0930) and GL transactions are found in POM
• GL Ledger report	- Provides the ability to display or not to display the extended journal line description. The extended description may contain vendor, item customer or document information.
• GL Financial Statements	- Added the flexibility to print either summary, detail or both while printing a financial statement - Added the ability to easily see what GL accounts make up a detail line and where a GL account is currently being used on a financial statement - GL FS Reports for 9 and 10 columns can also be printed in portrait besides landscape. - Added the ability to turn off the printing of zero balance detail lines - Added the ability to see when the GL FS was created and printed on the report itself - Provided the ability to email GL FS
• GL Subsidiary Accounts	- Added a new tabs to easily determine what accounts rollup to another account.
• Standard Cost Variances	- Removed the creation of standard cost variances for non-stock items. - Add new GL account to post non-PO and non-WO standard cost variances.
• Costing	- Provides ability to not allow the manual changing of costs for inventory subtractions.
• RTV account	- Added new GL account to post RTV GL transactions for better control.
• AP Check Processing	- Changed to be more user-friendly in the processing and choosing of vouchers for payments. Also better visibility of what vouchers are in the process of being paid.
• Copy J/E’s	- Added the ability to copy J/E’s from any period to any open period

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- Posting J/E's - Changed to be more user-friendly and to auto query the current fiscal periods at startup.
- Posting Module J/E's - Changed to be more user-friendly and to auto query the current fiscal periods at startup.
- AR Credit Limit Hold - Changed to easily put a customers order on or off credit hold.
- All Tax and AR Sales Reports - Ability to produce tax reports for a single period or for a full year.
- Tax Registers by State - Provides the ability to produce tax reports by State instead of just by the Tax authority
- Tax Register by Customer - Provides the ability to produce tax reports by Customer showing the shipto city to a method to make sure the correct Tax Authority was used.
- Sales by State - Provides the ability to produce sales reports by state using both AR and SOM data.
- Sales by Tax Authority - Provides the ability to produce sales reports by Tax Authority using both AR and SOM data.
- Customer Profile - Added two new tabs RA Logs and RMA to provide an easier way of viewing what RMA's and RA logs have been opened for a customer
- Vendor Profile - Created a new program similar in nature to "Customer Profile" that gives user all the pertinent information on one screen for a vendor.
  - Added new tab to display the checks created for the queried vendor.
- Current Order Values - Have provided visibility of current orders value by customer or vendor on many screens such as Customer AR Segment, Customer SO Segment, Vendor PO Segment, Vendor Profile,
- Vendor Advisor Message - Added to ability to display a Vendor advisor message while entering a Purchase Order similar to the customer advisory message.
- Pre-Check Register - Provides the ability to print a check register before AP checks have been created.
- Electronic Funds Transfer - Provides the ability to indicate what vendors do not want hardcopy checks but give the ability to produce an electronic only check to pay past due vouchers.
- AP Check Memos - Provide the ability to default AP Check Memos by vendor for easier entry of Memos on an AP Check.
- AR Query - Provided the ability for a user to define the order by for AR documents using a set of predefined columns
- GL Yearend - Added a series of check boxes displaying what

actions need to be done before the year can be closed
- Added the ability to unclose a yearend

- **Check Registers** - Added the ability to produce a register based on fiscal year and period
- **GL Budgets** - Added the ability for easier visibility of the status of a budget and easier maintenance (creation, deletion, copying) of budgets.
- **GL Balance Query** - Added >> buttons for drilling to GL transactions making up the fiscal year or period
- **New ICM Queries** - Added new queries to display:
    - Allocated Sales Orders only for an item
    - Allocated WO Materials only for an item
    - Fillable Items Query based a given day of PO receipts
- **Customer Credit Limit Setup** - Added the ability to:
    - Display on separate tabs what customers are on credit hold, shipping hold, etc.
- **Customer Holds** - Added the ability to put customers on credit hold or shipping hold when balances are xx number of days old.
- **Vendor Lists** - Added the ability to group vendors for the purposes of matching multiple vendors receipts to an AP Voucher from a different vendor.
- **Customer Lookups** - Added the ability while entering AR Transactions to lookup customers by name or invoice.
- **Vendor Lookups** - Added the ability while entering AP Transactions/Checks to lookup vendors by name or invoice.
- **Payment Entry** - Added the ability to:
    - auto-query unpaid invoice after the payment information has been entered.
    - Indicate if an overpayment should be posted as miscellaneous revenue
    - Display current open documents
    - To Distribution open Credits, Debit Memos or Payments without leaving the program
- **Manual Check Entry** - Added the ability to create check distributions in a user-friendly method.
    - Added the ability to preset the next manual check number so the user does not have remember what it is.
- **Vendor List-of-Values** - Changed to not show inactive vendors when

APM1510-Vendor LOV is being called as a List-of-Values.

- Customer List-of-Values - Changed to not show inactive customers when ARM1510-Customer LOV is being called as a List-of-Values.
- Check Registers - Provided the ability to:
  - Print system, manual or ondemand checks.
  - Print checks by a range of vendors
  - Print checks cleared for a given fiscal period.
  - Print checks that have not been cleared yet
- AP Discounts - Provided the ability to control whether calculated discounts would be taken when the voucher is being paid.
- AP Cash Disbursement Query - Provided better visibility of checks by creating additional tabs(All Checks, Non-System and EFT Checks) the user can query.
- AR Write Offs - Provided the ability to indicate what AR Credit will be used to write-off invoices and produce a report showing the write-offs in a given fiscal period for a Salesperson or Customer.
- Non-Summary GL Transactions - Added the AP Document and AR Document Description to the GL Extended Description.

Distribution(Sales Orders & RMA):

- Sales order, pick ticket, bol, invoice, packing slip - Provides the ability to track how many times a report was printed and the last time it was printed
- Images, pdf - Provides the ability to view item images or pdfs by using the right mouse click on item in Sales Order Entry or Open Sales Orders
- RMA Credit Memos - Changed to allow only Sales Order Prefixes that do not update inventory to be used for RMA sales order credits.
- Open Sales Order - Provides a new Open SO Query that gives the ability easily see what Sales Orders, RMA's and RA Logs are open, the status of all Blanket Sales Orders and what sales orders are open by Item
- Shipto Information - Provided an easier method of changing tax information and shipto address information.
  - Provided the ability to reset Shipto Information from the Customer SO Segment or the Customer
- Sales Order Quotes - Added the ability to create Sales Order Quotes

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• Contracts	- Added the ability to create contract pricing for a contract by a universal customer
• Sales and COG GL Transactions	- Added the ability to create Sales and COGs GL transactions using the Sales Area of a Customer and item category of an item.
• Copy Orders	- Added the ability to create new sales order from Sales Order Invoices or Closed/Deleted Sales Orders - Added the ability to copy/not copy address information or header information to the new order.
• RMA Lines	- Added the ability to create RMA Lines from Sales Order Invoices
• Sales Order / Quote	- Added the ability to print without the report header if using som4150nh.rdf
• Sales Order Invoice	- Added the ability to print without the report header if using som4180nh.rdf
• Direct and Credit Orders	- In Sales Order Entry put both Direct and Credit Sales orders on HOLD so they would not mistakenly be invoiced.
• Direct Orders	- Add the ability to take Direct Orders off hold as well as update costs in a separate program if manual costs are turned off.
• RMA Receipts	- Provided the ability to Accept or Un-accept all qty received without doing it in QCM. Provided the ability to Activate all orders for a RMA from RMA Receipt Entry
• Sales Order Invoice	- Provided the ability to print an invoice in portrait instead of landscape. Add the ability to change the following(will so change on the AR Document): - Address information - Invoice Date
• Sales Order Pick Ticket	- Provided the ability to print only backorders and bold comments if needed.
• Sales Orders from RMA	- Changed to copy all information from a single invoice to a single Sales order(Order, credit).
• Manual Costing for Sales Orders	- Provided the ability to control whether costs can be entered for Normal Sales Orders. Non-Stock Items will allow manual costs. - Credit and Direct Sales Orders will allow manual costs
• Closed RA Logs	- Changed to not allow creation or update of RMA's or RTV that are associated with a closed RA Log

- Closed RMA's - Changed to not allow creation or update of RMA Lines or RMA Receipts when a associated RMA is closed
- Closed RTV's - Changed to not allow creation or update of RTV Lines when a associated RTV is close
- Change Warehouse - Provided the ability to change the warehouse on a Sales Order Line if it has not been shipped

Distribution(Purchasing):

- Material Specifications - Provides the user the ability to create a standard detail set of specifications that can be included on a purchase order
- Address/Contact tab - Added address and Contact tabs on Vendor PO Segment for maintenance of the information by purchasing users
- Blank Lines before/after comments - Provides the user the ability to print blank lines before and/or after a purchase order comment.
- Vendor Item/Inventory Setup - Enhancements were made to separate stocked and non-stocked items for easier display and maintenance of information
- Images, pdf - Provides the ability to view item images or pdfs by using the right mouse click on item in PO Line Entry or PO Line Query.
- Open PO Query - Provides new Open PO Query that gives the ability easily see what Purchase Orders , RTV are open, the status of all Blanket Purchase Orders and what purchase orders are open by Item.
- Purchase Order - Added the ability to print without the report header if using pom4040nh.rdf
- Purchase Receiver - Added the ability to print a purchase order receiver using sequence # 2 when printing the purchase order
- Change Warehouse(SO) - Provided the ability to change the warehouse on a Purchase Order Line if it has not been received
- Change Warehouse(RMA) - Provided the ability to change the warehouse on a RMA Order Line if it has not been received

Distribution(Inventory Control):

• Multiple Images	- Provides the ability to display multiple images for an item instead of just one.
• Multiple PDF Documents	- Provides the ability to display multiple PDF documents for an item.
• New Physical Inventory tag report printed in bin, item or tag number order	- Provides the ability print and enter tags in either bin, item or tag number order.
• Average cost	- Changed to not reset the average cost to zero when the quantity on hand goes to zero.
• Inventory Value report	- Creation of new report that displays the inventory value using the current reporting costs.
• Images, pdf	- Provided the ability to view item images or pdfs in Item Query and Item Attribute/Dimension Query
• Cycle Counting	- Provided the ability to stop counting inactive items or count items based on their last activity date - Provided the to copy the freeze qty to the count qty for easier entry. - Provided a new report to show the inventory value of the counted quantity. - Provided the ability to sort the Variance report in decreasing variance amount
• Open Transfer Query	- Provided the ability to view only open transfers.
• Item Category Where Used	- Provided the ability to determine if an item category has sub defined by whse or by prefix.
• GL Account where used	- Provided the ability to determine what item categories are using a GL Account.
• Inventory Inspection Query	- Provided the view only of all the orders or transactions that are currently in QC for a given item
• Item/Inventory Cost Queries	- Provided the view only of cost records for Items and Inventory.
• Inventory Detail Qtys Query	- Added the ability to view only stocked items - Added the ability to control whether a warehouse should display or not
• Item List-of-Values	- Changed to not show inactive items when ICM1510-Item LOV is being called as a List-of-Values.
• Item List-of-Values	- Changed to not show inactive items when ICM1080-Item LOV is being called as a List-of-Values.
• Inventory List-of-Values	- Changed to not show inactive items when ICM1100-Item LOV is being called as a List-of-

Values.

- Reporting Costs - Provided the ability to create reporting costs by Item only, by Inventory only or for a single Warehouse
- UOMs - Provided the ability to update all UOMs for an item to the stocking UOM using a single click
  - Provided the ability to change the stocking UOM of an item once it has been used.
- Inventory Transfers - Changed to reset a non-manual cost of an item when the item is being shipped
- Manual Costs - Provided the ability to control whether costs can be entered when there is a subtraction from Inventory in Manual Inventory Transactions or Inventory Transfers.
- Negative Inventory - Provided the ability to control whether the inventory can go negative for the business unit or for a user.
- Average Cost Calculation - Provided the ability to control how the average cost calculation would perform when Inventory is negative
- Change Warehouse - Provided the ability to change the warehouse on a Transfer Order Line if it has not been shipped
- Cost Rollup - Changed to use the most recent Routing Costs when Routing Cost for "as-of-date" do not exist. Issued warning message recent costs are being used.

Distribution(SLB):

- Initial Setup of SLB - Enhancements were made to make the initial setup of a SLB tracked item easier when their quantity already exits for the item.

Production:

- Entry of Routing Line Rates for new operations - Provides for the ability of easier entry of routing rates while entry of an operation
- Routing Line Rate setup - Provides for an easier method of maintenance of Routing Line rates
- Ending dates 12/31/3000 - Changed to set all ending dates for operations, burdens, labor rates and routing line rates to be 12/31/3000 for easier user maintenance.
- Phantoms Parents - Provides the ability to keep track of what WO materials belong to a phantom BOM. This information can be viewed in Material issues, SFC pick list or Inventory Allocation query

• Costing Methods	- Provides the user to develop a unit cost of the Work Order item by: If Timecards are entered: - Weighted Average - Average Actual Accumulated If Timecards are not entered: - Average Expected Material - Average Actual Material
• Default BOM Qty Per	- Provides the ability to have a user definable default for the quantity per for a component.
• Work Order instructions of shop traveler	- Changed to display Work Order Instructions on the Shop Traveler
• Tools on shop traveler	- Changed to display Tools on the Shop Traveler
• Default Production Type	- Provides the ability to have a user definable default by work center for a production type
• Timecards	- Changed to bypass any timecard during the update if a timecard violates any business rule. Bypassed timecards will be displayed in red.
• Negative Timecards	- Provides the ability to reverse time only (quantity completed equals zero) timecards.
• BOM summary report	- Creation of new report to display summary information for a BOM.
• Images, pdf	- Provides the ability to view item images or pdfs Bill of Material Setup, BOM explosion and BOM pre-kit, WO Maintenance and WO Materials
• Open Work Order Query	- Provides the ability to view only open work orders.

Planning:

• MPS redesigned	- The changes include: - Fixing minor bugs - Better understanding of error messages from MPS Rollover - User controlled ability of data in MPS ATP query and MPS Master - User controlled ability of data in MPS reports