10.2.300 Feature Highlights

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Disclaimer

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Revision: October 17, 2018 6:30 a.m.

Total pages: 86

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Contents

10.2.300 Feature Highlights

The following section contains a list of features released with the Epicor ERP 10.2.300 version. If you are upgrading from a previous version, review this information to learn about the features added through this major version.

Epicor University

Epicor University creates and maintains the documentation and education materials for Epicor ERP. Note that Embedded Education is a licensed module that only displays when the module is enabled.

Course updates include new functionality available in the product with each release.

Cloud Hosting Option for ERP Application Help

The option of using an Epicor hosted instance of ERP help is now available to on premise installations.

Epicor ERP application help is now hosted in Microsoft Azure® cloud.

Some benefits include:

- Help search is now powered by Azure search which provides more robust capabilities.
- On premise IT staff no longer have to maintain their own help environment (although that option is still available).

Hosting help also enables Epicor University to gather analytics on help use from a larger segment of users. This allows Epicor to focus on and to expand ERP help resources in areas of highest demand.

See the ERP installation guide for instructions on the help URL to use in Company Maintenance.

Cloud Hosting Option for ERP Education Courses

The option of using an Epicor hosted instance of ERP education is now available to on premise installations. ERP education continues to require the Education module license.

On premise IT staff no longer have to maintain their own education web environment (although that option is still available). The need to configure your own education ERP instance remains as before.

Hosting and having a central education site enables Epicor University to gather analytics on education course use from a larger segment of users. This allows Epicor to focus on and to expand ERP education resources in areas of highest demand.

See the ERP installation guide for instructions on the education URL to use in Company Maintenance.

Contextual Video Help

If there is a set of Epicor videos that relate to the use of a certain ERP form, that form now has a **Video Help** command added to the Help menu of the form, and a video play icon added to the form toolbar.

In this release, the ERP forms that have an enabled Video Help menu are:

- AP Invoice Entry
- Job Entry

- Job Tracker
- Purchase Order Entry
- Customer Maintenance

Launching the Video Help menu item opens a browser and displays a video playlist of videos related to the form. The playlist is hosted on the ERP video portal page so other videos may also be accessed.

Package Control in Advanced Material Management and Handheld Course

Education on the new Package Control feature has been added to the Advanced Material Management course and the Handheld course.

Important To use PCID functionality, you must have an AMM license.

In the Advanced Material Management course, you learn how to set up, generate and build PCIDs, and how to use PCIDs when performing transactions like receiving inventory, transferring and adjusting inventory, fulfilling demand, picking and packing and manufacturing parts. You will also be able to perform workshops using the main application, the MES and the handheld application.

In the Handheld course, you learn to perform PCID transactions on the handheld device, like reporting production or picking inventory into a PCID. You also learn how to build, merge and split PCIDs.

For more information, refer to the Advanced Material Management and Handheld courses.

Service Management

Service management capabilities (for example, Field Service) include such areas as production and facilities maintenance.

This suite of modules is particularly important for businesses where maintenance and repair are often more cost-effective than new capital acquisition.

Epicor FSA Integration

The **Field Service Automation** module allows you to integrate Epicor ERP with Epicor FSA.

The Epicor FSA Integration includes the following updates:

- **Requesting Material** - You can request more quantity for an item that is not in a vehicle or you can increase the existing vehicle quantities. If you request additional items in Epicor FSA, Epicor ERP automatically creates a move inventory request that displays in the Material Request Queue.

  Note To process material move requests, you must install the Advanced Material Management license.

- **Part Transaction History** - The Part Transaction History Tracker References Service Order Number and Service Order Resource Number tied to the inventory transfer executed in Epicor ERP.

  When you move inventory in Epicor FSA, you process it via the Material Request Queue in Epicor ERP. Once processed, the Service Order Number and Service Order Resource Number fields reference a service order and its resource tied to the inventory transfer in Epicor FSA.

- **Service Contracts** - In Service Contract Entry, if you select the **Sync to FSA** check box, a service contract is automatically sent to Epicor FSA without being invoiced.

If you synchronize a service contract in Epicor ERP it automatically becomes a Service Agreement in Epicor FSA. In Epicor ERP, if you add a service contract renewal to the already synchronized service contract, a new service agreement is automatically created and becomes a child of the original service agreement.

- **Expenses** - If you add an expense in Epicor FSA, a new expense record is automatically created in Time and Expense Entry in Epicor ERP.

  When you pay the expense back to an employee or you approve/reject/delete the expense in Epicor ERP, a notification message is automatically sent to Epicor FSA. Since the Epicor FSA integration does not support multi-currency, the Claim Amount is the same as the Expense Amount.

- **Purchasing Miscellaneous Charge** - You can synchronize a purchasing miscellaneous charge/credit record with Epicor FSA.
- **Return Material Authorization/Disposition** - Return Material Authorization and RMA Disposition Entry include the **FSA** sheets used to view Epicor FSA references that relate to equipment repair/return and to synchronize an RMA record with Epicor FSA.

  Using RMA Disposition Entry, when you dispose of an RMA record that relates to Epicor FSA, a notification message is automatically sent to Epicor FSA.

  Note You cannot dispose items to stock if an RMA record is synchronized with Epicor FSA.

  The Epicor FSA integration creates RMA Receipts for serial tracked parts only if the receipt quantity equals to one. A new RMA record is automatically created in Epicor ERP if a Performed Line with Actions is set to Remove in Epicor FSA.

  The following rules apply:

  - Using RMA Disposition Entry, when you dispose of an RMA record that relates to Epicor FSA, a notification message is automatically sent to Epicor FSA.
  - If an RMA record marked as **Sync to FSA** is shipped via Miscellaneous Shipment Entry and confirmed through Stage Ship Confirm, the shipment moves to Epicor FSA.
  - If a selected customer on an RMA record is synchronized with Epicor FSA, the Sync To FSA check box defaults to selected and is active.
  - If an RMA record includes a receipt that has been disposed (partially or completely), the Sync To FSA check box is disabled.
  - If there is an Epicor FSA Service Order or Service Order Resource tied to an RMA record, the Sync To FSA check box is disabled.
  - You cannot create Return Material Authorization (RMA) records for parts that are not marked as Equipment on the Part Maintenance > Integrations > FSA sheet.
  - You cannot dispose items to stock if an RMA record is synchronized with Epicor FSA.
  - When an RMA record automatically generates as a result of adding a performed line to a service order in Epicor FSA, the Invoice and Order fields in Return Material Authorization remain active, so you can link the sales order that originally sold the equipment to a respective RMA record.

    The following rules apply:

    1. The Order/Line and Invoice fields remain active.

       Note You cannot link a sales order or invoice lines that don't hold the same received Epicor FSA part. If you attempt to do so, the error message displays.

    2. For Epicor FSA records, the Credit related fields disable.
    3. The Part and Quantity fields remain inactive and will not update based on the sales order or invoice selection.

- **DMR Processing** - Allows you to review the Epicor FSA service order number and service order resource references that relate to the RMA record entered in Epicor FSA.

  In Epicor FSA, if you add a performed line to a service order an RMA Header and Line are automatically generated in Epicor ERP. If you financially approve the performed line in Epicor FSA, an RMA Receipt is automatically created on the RMA record. In Epicor ERP, if you fail the RMA record, a DMR number is automatically generated. Since the RMA carries the service order number and resource, both values are inherited by DMR Processing.

  Menu Path: Production Management > Quality Assurance > General Operations > DMR Processing

- **Miscellaneous Shipment** - You can synchronize a miscellaneous shipment and its line(s) with Epicor FSA.

  An RMA record is automatically created in Epicor ERP as a result of setting the Performed Line with Actions to Remove in Epicor FSA. If the RMA is tied to a job a miscellaneous shipment Pack ID is automatically created.

- **Time Phase** - If you generate demand through Epicor FSA by requesting additional items, Time Phased Inquiry displays the Epicor FSA service order and service order resource numbers that relate to this demand.

- **Company Setup** - You can set up default Epicor FSA integration company settings that relate to Accounts Receivable, Expenses, Incoming Labor/Material, and RMA.

  You set up the necessary default data using the **Modules > Services > Field Service > General/Epicor FSA** sheets.

Material Management

The Material Management module refers to the approach for planning, organizing, and controlling all those activities principally concerned with the flow of materials into an organization. The scope of material management includes materials planning and control, purchasing, inventory control, data collection, and shipping and receiving.

Advanced Material Management

Advanced Material Management (AMM) enables distributors and manufacturers to produce electronic requests for materials, dispatch those materials, and track inventory movements of all inventory including raw materials and work in process.

Using wireless terminals and bar coding technology, distributors and manufacturers are able to track inventory in real-time. The Advanced Material Management module provides complete control and visibility of raw materials and work in process as it travels throughout the enterprise.

PCID Functionality

Use **Package Control** functionality to track, manage, or transact a group of items via a unique package control ID.

Package Control functionality allows you to track an item you receive into a site or manufacture, the item's movement throughout the site on the shop floor, through picking an order to the shipment to the customer. The Control ID is the unique identifier against which you place these transaction types. These transactions types include purchase order receipt transactions, production transactions, inventory movement transactions, pick transactions, shipping transactions, and job receipt to inventory transactions, amongst others. You can also associate these PCIDs with a set of predetermined or user-defined physical characteristics.

Important To use PCID functionality, your company must have an AMM license.

Package Control allows you to quickly and easily manage a collection of items throughout its process life cycle.

Example Receiving personnel receives a box of 20 units of part001 at a receiving dock. They generate a PCID and print a label for the received box and its contents. They place the label on the box. They move the box to a warehouse and bin. Manufacturing personnel then issues the 20 units of part001 to a job. A warehouse employee moves the box to the shop floor for the production.

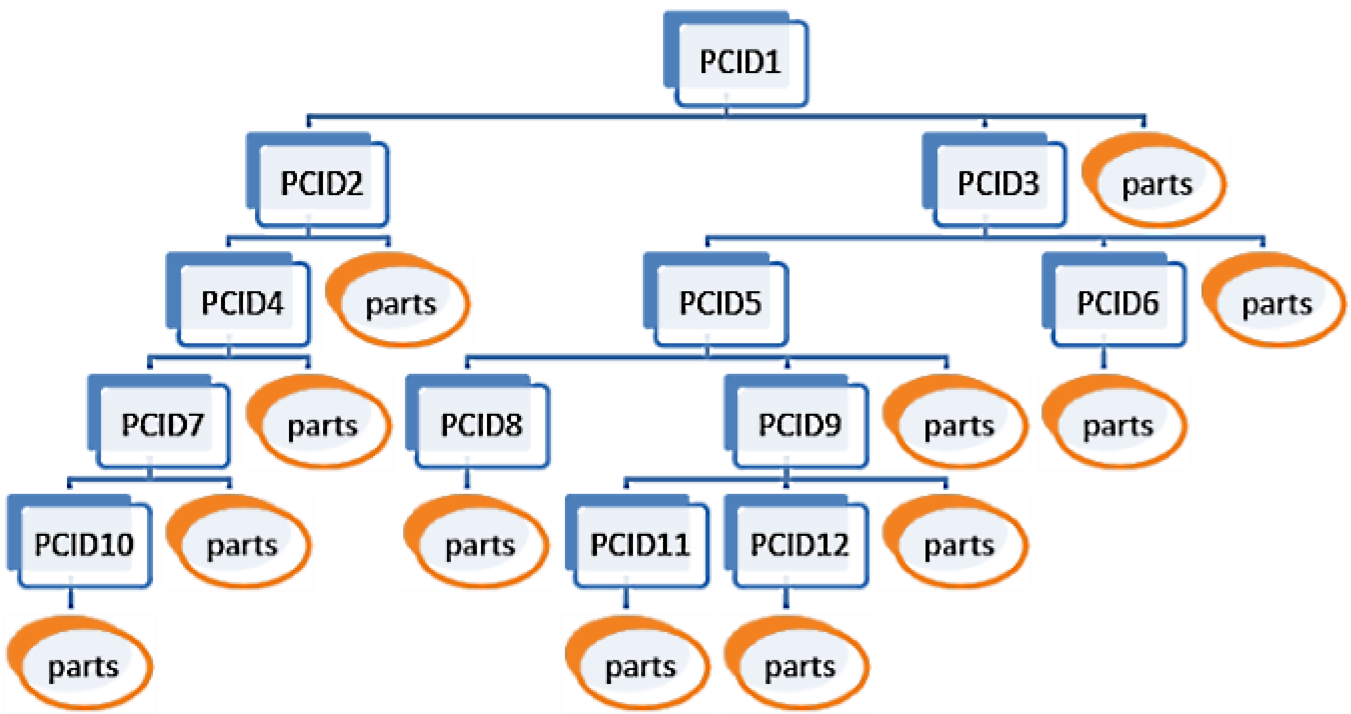
Each step of this process is performed by scanning the PCID on the box and completing the transaction. When you scan the PCID, all contents of the PCID are identified and included in the transaction. The box and its contents are managed, moved and tracked as a unit.

Package Control functionality uses two different entities. The first entity is the package itself and its contents; the physical package. The second entity is the identifying label. Each entity can have its own identity and process life cycle. They each have their own rules of control, process flow, and status. This does not mean that they are exclusive of each other. The package and the label can share rules of controls, processes, and statuses.

There are two types of PCIDs - **Static** and **Dynamic**.

- A static PCID is a PCID type that you associate with a container that is available for reuse, such as a tote or a cart on the shop floor.
- A dynamic PCID is a PCID that you place on a container where the PCID collapses after its use and cannot be reused, such as a shipping box.

PCIDs can be single level or multi-level (parent) PCIDs. A single level PCID contains individual part items. A multi-level parent PCID can contain individual items as well as other child PCIDs. PCID functionality also supports lot control and serialized inventory. In ERP, you can have a parent PCID with nested child PCIDs up to five levels deep.



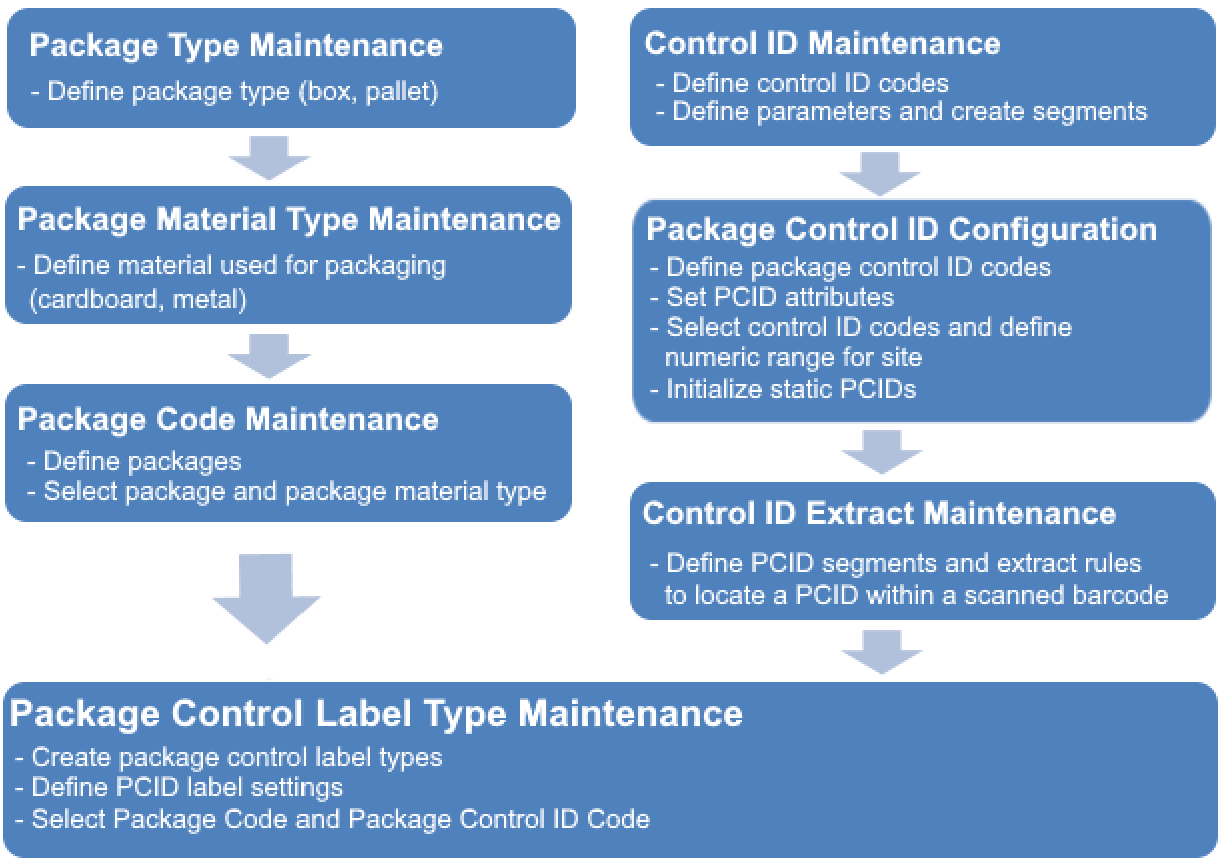
- Level 0 - PCID only (PCID1)
- Level 1 - PCIDs or Parts (PCID2, PCID3, and loose parts in PCID1)
- Level 2 - PCIDs or Parts (PCID4, PCID5, PCID6 and loose parts in Level 1 PCIDs)
- Level 3 - PCIDs or Parts (PCID7, PCID8, PCID9 and loose parts in Level 2 PCIDs)
- Level 4 - PCIDs or Parts (ex. PCID10, PCID11, PCID12 and loose parts in Level 3 PCIDs)
- Level 5 - Parts only (ex. any Parts that are loose in Level 4 PCIDs)

If your company has an AMM license, you can define and print three types of PCID labels.

- GENERAL - For a dynamic PCID that collapse after its use and is not reused
- STATIC - For a Static PCIDs that is reused
- CONTENTS - Displays the contents of a PCID

Before you generate and use PCIDs, use the programs within the Epicor application, provided by the Package Control functionality, to create PCID definitions at the company and site levels. To use PCIDs, you must first select the **Enable Package Control** check box for the site in **Site Configuration**.

Illustration of PCID Setup Workflow



PCID Features

PCID functionality is throughout many different inventory processes. The PCID functionality in this release includes the following features:

- **PCID Generator** - Use the **PCID Generator** to generate PCIDs and print PCID barcode labels. You can either generate a PCID for a transaction or you can generate a group of PCIDs that can be used in other areas to load inventory.

  When you generate PCIDs, you can determine the number of PCIDs, the package control type, the package control ID code, package code and part. You can also select to print PCID labels and select the label printer.

  When you generate a PCID, the format is based on the format defined on the selected package control ID configuration.

  You can generate PCIDs and print labels directly from programs such as **Receipt Entry** or **PCID Build/Split/Merge**, MES programs like **Report Quantity** or Handheld programs such as **Work Queue**. You can also use the **PCID Generator** to generate PCIDs and print labels to later assign during inventory transactions.

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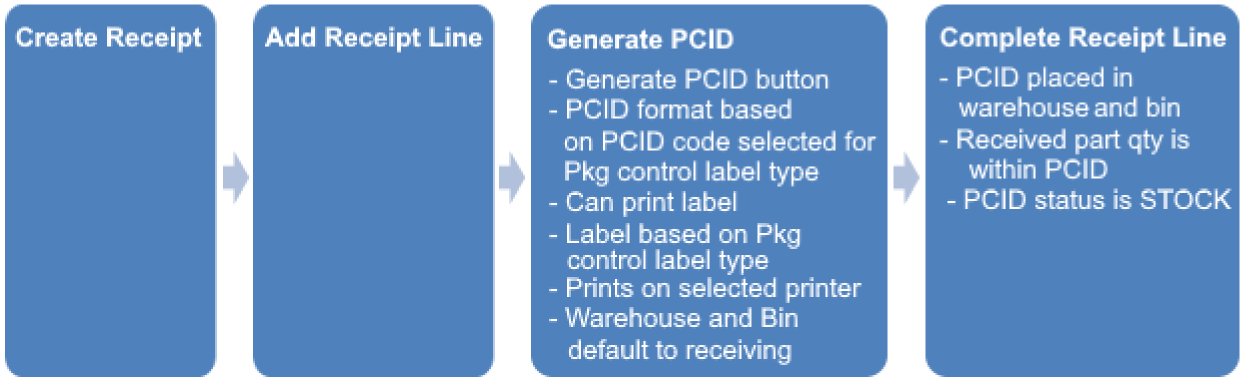
Example of PCID Generator flow in Receipt Entry

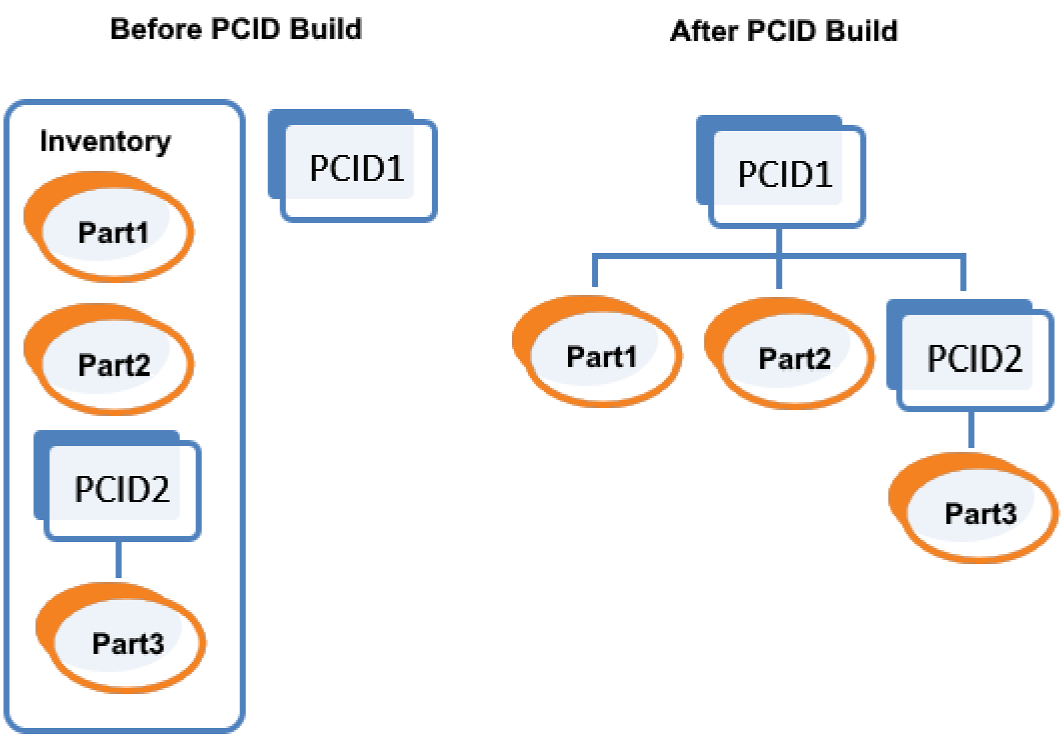


- **PCID - Build / Split / Merge** - Use **PCID Build/Split/Merge** and handheld programs **Build PCID**, **Split PCID to PCID**, **Split PCID to Stock** and **Merge PCIDs** to build PCIDs that contain parts or parent PCIDs that contain PCIDs, merge two or more PCIDs into a single PCID, nest PCIDs into another PCID (up to five level deep) or split parts from a PCID and add them to another PCID or put them back on the shelf as individual parts.

  The following are simple examples of the Build PCID, Merge PCIDs, Split PCID to PCID and Split PCID to Stock process flows:

  Example of the Build PCID Process Flow

  Part1 and Part2 are built from inventory into an empty PCID.



Example of the Merge PCID Process Flow

PCID1 is merged with PCID2. All of the contents of PCID1 are placed under PCID2. PCID1 is now empty.

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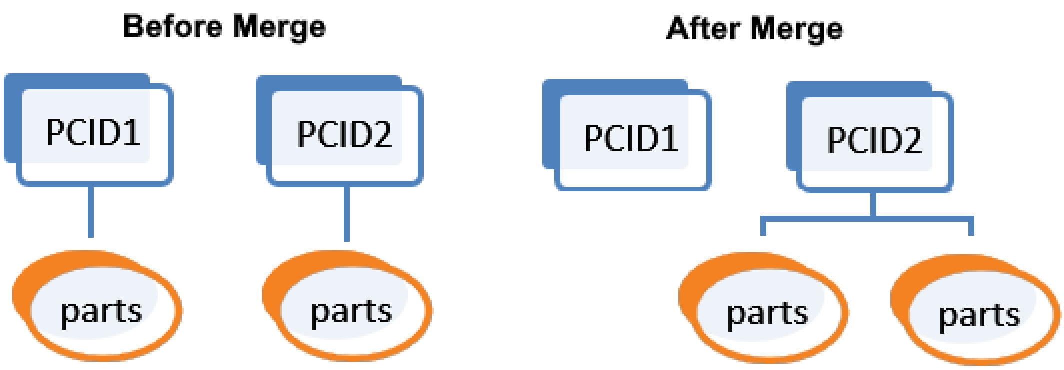
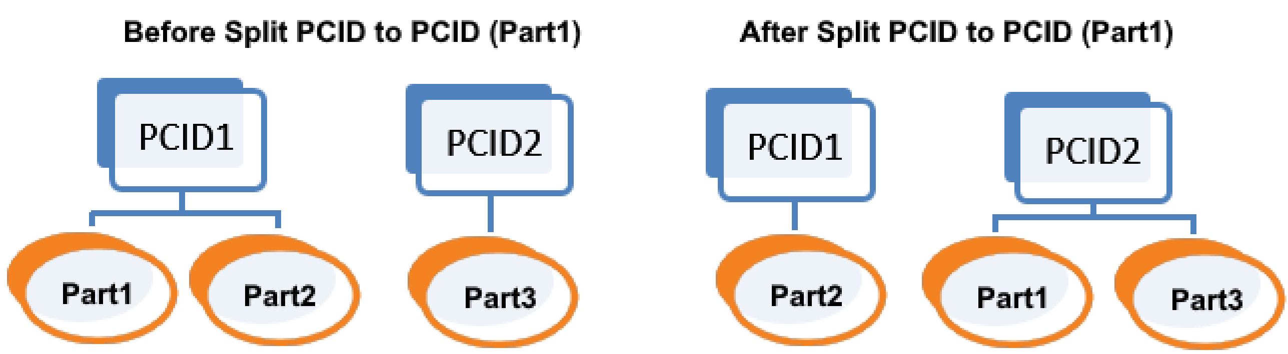


Example of the Split PCID to PCID Process Flow

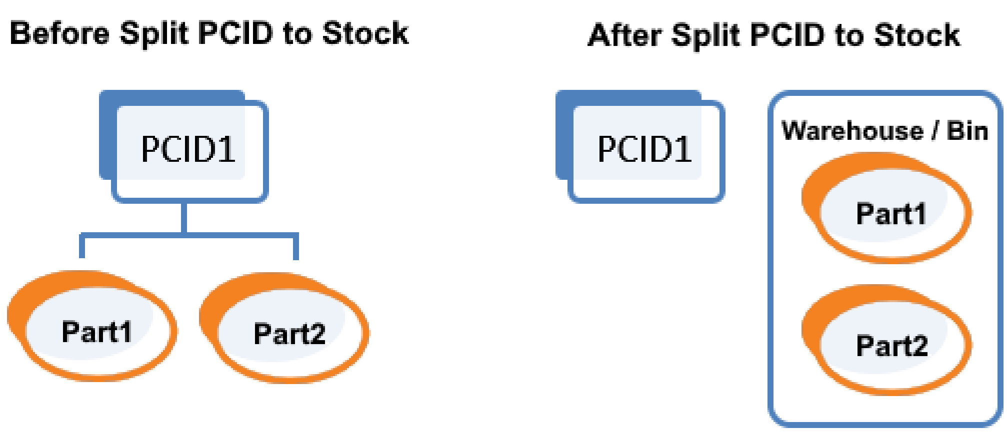
Part1 is split from PCID1 and moved to PCID2.

Note You can also split partial part quantities and child PCIDs from one PCID to another PCID.



Example of the Split PCID to Part Process Flow

Part1 and Part1 are split from PCID1 and moved to stock.



- **Package Control ID Search** -To easily search for and locate PCIDs, use the Package Control ID Search to search for and select PCIDs that match defined criteria. You can use advanced selection criteria to filter and sort search results for PCIDs. This includes the following:
  - Search by PCID and created date ranges.
  - Filter results using a Part Number, Package Control ID Configuration, Pack ID, Supply Job Number, Warehouse/Bin or whether the PCID is a top parent or partial.

Note If you filter using a Part Number or Supply Job Number, the Search engine will ignore PCIDs with the EMPTY status unless you specifically select them.

If you filter using a specific Bin, the Search engine will ignore PCIDs with the EMPTY status.

- Filter by Label Print Controlled status or job number
- Filter the results by PCID type and PCID status

You can select to sort the search results by PCID or Part Number

- **PCID** - Displays the search results sorted by the selected PCID. The **PCID** column defaults to the first column in the Search Results list and only one entry displays for each PCID. The **Part Number** field displays the first part number child item found for the PCID. If the PCID is empty or if the PCID contains only child PCID, the part related fields are clear.
- **Part Number -** Displays the search results sorted by part number. The **Part Number** column defaults to the first column in the **Search Results** list and a **PCID** entry displays for each part. If the PCID has multiple parts, this results in multiple PCID entries, one per part number.

You can select to search by multiple PCID types and statuses. Using the Package Control ID Search window, you can select to include **Inventory**, **Staged**, and **History** PCIDs. You can then further filter the search to include only selected PCID statuses.

Example If you want to include only inventory PCIDs that have a status of **STOCK** and **VOID** AND also include Staged PCIDs that have a status of ARRIVED, first select the **Inventory** check box. Then you hold down the **Ctrl** key and select both the STOCK and VOID entries in the list. You then check the **Staged** check box and select the ARRIVED entry in the list. The search results contains inventory PCIDs with a status of STOCK and VOID and staged PCIDS with a status of ARRIVED.

You can access this search in various locations by clicking the **PCID...** button or by right-clicking a **PCID** field and selecting **Open With > Package Control ID Search** from the context menu.

- **Receipt of PCID on a Purchase Order** - Use **Receipt Entry** and the handheld **PO Receipt** program to receive a quantity or goods or generate one or more PCIDs at receipt time to receive Stock PO Receipt items from a purchase order and associate the PCID with these items. Shop floor employees need to be able to receive parts and select or generate PCIDs to associate those parts with PCIDs. They also need to be directed by the queue (warehouse teams/material queue processing) to put away the PCID built by scanning the PCID to move the associated items into a bin.

  When you receive items to the default receiving warehouse and bin, a Material Queue row is generated.

  Note Only PO receipts that are received directly to stock can be received into a PCID.

- **Issue Job Material** - Use **Issue Material** and **Issue Assembly** in the application, MES menu and the handheld application to issue materials and assemblies to a job directly from a PCID. This prevents shop floor employees from needing to split PCIDS into stock before issuing job material and assemblies to a job.
- **Inventory Transfers** - Use **Inventory Transfer** and the handheld **Move Inventory** program to transfer a PCID and its contents from one Warehouse/Bin to a different Warehouse/Bin. Shop floor employees need to be able to transfer PCIDs and their contents from one warehouse and bin to a different warehouse and bin to move PCIDs to a location where they can be used to fulfill demand from orders or jobs.
- **Job Output by PCID** - Use **Report Quantity** and **End Activity** in the MES Menu and Handheld application to report quantity from a job into a PCID and print a PCID label and a contents PCID label for the report quantity. You can generate a PCID directly within Report Quantity and End Activity and you can view the PCID in the Job Tracker and Part Tracker. This allows production department employees to quickly and easily report produced parts into PCIDs and print labels.
- When you receive job receipt parts into PCIDs, the part quantities and the PCIDs into which they are received move from WIP to Stock.

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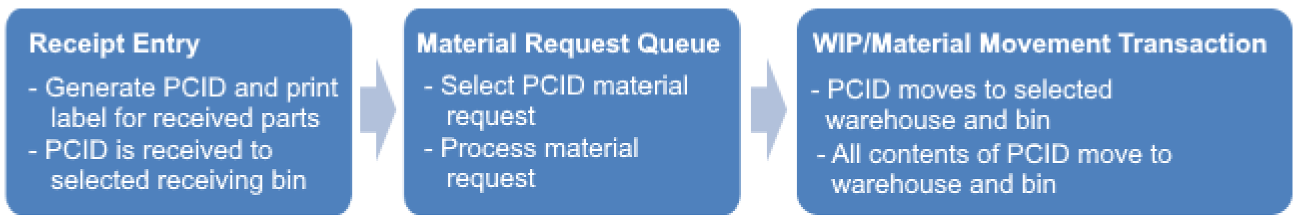
Job Receipt to Inventory - Use **Job Receipt to Inventory** and **WIP PCID Receipt to Inventory** on the handheld to receive finished goods from a job to a new or existing PCID in a target warehouse and bin. This allows shop floor employees to easily receive finished goods into a PCID and build PCIDs at the end of a production run without having to place the items in stock, then pack them into a PCID.

Note To select an existing PCID, it must have a status of WIPFG.

- **Material Request Queue** - Use **WIP/Material Movement** in the **Material Request Queue**, **Material Queue Manager**, **Process by ID** and the **My Material Queue** and **Process by ID** handheld programs to move a PCID received from a PO receipt, job production or other material queue transaction into inventory. Use **Move Inventory Request** and **Move Inventory** on the handheld to move a PCID and its contents from one warehouse and bin to another warehouse and bin. This allows production workers to move a PCID in its entirety, rather than moving each of its contents individually.

  Example of material request queue process flow:



  When you move a PCID, all inventory information is updated for all parts, lots and serial numbers referenced in the PCID.

  Note You can also generate a PCID for parts in a WIP/Material movement transaction.

- **Quantity Adjustment PCIDs** - Use **Quantity Adjustment** and the **Adjust Inventory** handheld program to adjust the quantity of a part within a PCID. You can adjust quantity for parts within a parent or a child PCID and you can adjust lot tracked and serialized parts. You can also print contents labels and the PCID Contents report for the adjusted PCID. You can include PCIDs in the Stock Status Report. With this feature, inventory personnel can quickly and easily adjust inventory for a PCID.

  Note You can only adjust the quantity of stock that already exists on a PCID. To add a part to an existing PCID, use **PCID Build/Split/Merge** or the **Build PCID** handheld program.

  Note You cannot print the **PCID Contents Report** on the handheld application.

- **Allow Allocations from Fulfillment Workbench** - Use the **Fulfillment Workbench** to manually and automatically reserve and allocate PCIDs for sales orders, including cross-dock and wave picking allocation. Use **Site Configuration** to select to include or exclude inventory in a PCID from allocation. When an allocation includes both loose and PCID inventory, the **Submit for Picking** process writes separate Material Queue records. Use the **Material Queue Report** in the **Material Request Queue** to view PCID material queue activity. When you ship a parent PCID in **Customer Shipment Entry**, a shipment detail is generated for all levels of the parent PCID.

  Simple Fulfillment Workbench PCID Flow

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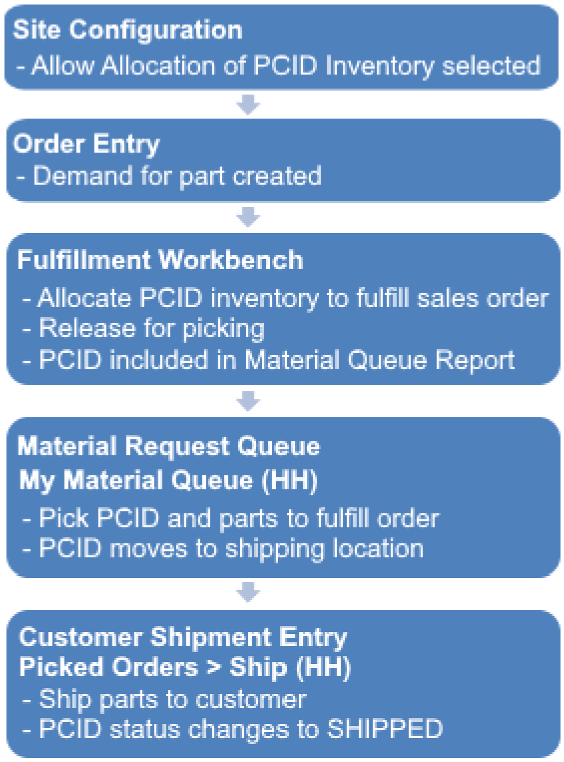

Note If you select the **Allow Allocation of PCID Inventory** check box in Site Configuration you can allocate PCID inventory. You can allocate full or partial quantity. When you allocate PCID inventory, a new sequence transaction is generated in the Material Request Queue. Once you process the transaction, the stock PCID inventory is reduced by the allocated amount.

Example A sales order includes three lines where each line carries a different part record. Your inventory includes a single PCID for the three parts and the PCID inventory carries enough stock to satisfy the allocated amount. After you allocate the parts, the Material Request Queue generates a single sequence transaction to satisfy the allocation. When process the transaction, the Epicor ERP application will behind the scenes process all the lines and make it ready for shipment.

- **Inventory Count** - Include all level of PCIDs in full and cycle inventory counts. You can include parts and PCIDs in the same count. The business flow for cycle count is the following:
  - In **Initialize Physical Inventory**, select to include or exclude PCIDs in the count. The default is to include PCIDs.
  - In **Cycle Count Part / PCID Selection Update,** select PCIDs to include in the cycle count. You can also move the PCIDs to another cycle.
  - In **Cycle Count Maintenance**, view parts and PCIDs selected for the count. Generate and print tags and start the count.
  - In **Count Tag Entry**, enter count quantity for PCIDs in the PCID sheet. The counted quantity for the parts nested within the PCID are recorded.
  - In **Count Cycle Maintenance**, post the count and view inventory reports.
- **Filter serial and lot search screens by PCID** - Filter records that appear in the Serial Selection and Lot Search screens by PCID.

Package Control Related Programs

The following PCID related programs are available for use if you have an AMM license:

Note To use PCID functionality at a site, you must also have the **Package Control Enabled** check box selected for the site in **Site Configuration**.

Setup programs:

- **Handheld / MES Menu Security Maintenance** - Define role-based access to MES and Handheld menu items.
- **Package Type Maintenance** - Define package type codes that represent user-defined packaging classification types (for example, cardboard box, shipping container, pallet) you can assign to specific packaging codes defined in **Packaging Code Maintenance**
- **Package Material Type** - Define the types of materials that your company uses for their packaging. After you define a material type, you can then assign it to a **Package Code**.
- **Package Code Maintenance** - Define package codes that denote various kinds of shipping containers (for example, 8 x 10 Container, Multi-Unit Box).
- **Control ID Maintenance** - Create Control IDs, determine their ranges, and define how the Control ID segments generate at the company level that are subscribed to at the site level.
- **Control ID Extract Maintenance** - Define the rules that determine what to extract from a **barcode** to create the **PCID**.
- **Package Control ID Configuration** - Create static and dynamic **Package Control ID Codes**, define attributes and assign a portion of a range of a Control ID to the **PCID** (Package Control ID) for the current site.
- **Package Control Label Type** - Define **Static**, **General** and **Contents** label types that determine the PCID number that generates for the selected label type and the label format that prints at a site. Specify the number of labels to print, the report location, and a PCID code. You can also associate a Package Code with a label type to specify a label type's package attributes. When PCIDs generate, it looks at the values define in the **Package Control ID Code**, **Number of Labels to Print**, and **Report Style** fields and uses these values to determine the PCID number that generates onto the label, the number of labels that print, and the label format to use.

General Operations Programs:

- **Package Control ID Maintenance** - Modify and view a PCID and its content, activities, packaging, labels, and customer container information. View the current status, prior status, and labeling specifications for a PCID. If a label is associated with a PCID, you can view the label's current status and attributes and reprint labels.
- **Package Return Adjustments** - Adjust returnable package container on-hand quantities (for a selected internal part, customer container part or package code) in designated warehouse bins.
- **PCID Build/Split/Merge** - Build, split or merge PCIDs. You can build PCIDs that contain parts, or parent PCIDs that contain child PCIDs, merge two or more PCIDs into a single PCID, nest PCIDs into another PCID or split parts from a PCID and add them to another PCID. You can also return parts in a PCID to inventory.
- **PCID Generator** - Generate Static and Dynamic PCIDs and print PCID barcode labels.
- **Void PCID / Label** - Void a dynamic or a static PCID.
- **Package Control ID Parent Child Tracker** - View high level information about selected Package Control IDs (PCIDs); this includes information about parent and child relationships as well as current location and quantity.

Reports:

- **PCID Contents Report** - Display all parts and child PCIDs contained in PCIDs. You can select to include both inventory and staged PCIDS in the report or select to display only inventory or staged PCIDs. You can also select to reprint PCID labels for the included PCIDs.

  The PCID Contents Report includes the **Label Printer** field where you can specify a printer to print Reports and Labels or just Labels.

  Note The field activates if you select the **Labels or Report** and **Labels** options in the **Print** field.

Handheld PCID Programs

- **Build PCID** - Add parts and PCIDs from stock to a PCID.
- **Merge PCIDs** - Move the full contents of one PCID to another PCID.
- **Split PCID to PCID** - Remove a part or a child PCID from one PCID and move it to another PCID.
- **Split PCID to Stock** - Remove a part or a child PCID from one PCID and move it to stock.
- **Package Return Adjust** - Adjust returnable package container on-hand quantities (for a selected internal part, customer container part or package code) in designated warehouse bins.
- **Void PCID / Label** - Void a PCID and its label information.
- **WIP PCID Receipt to Inventory** - Assign WIP PCIDs generated from supply job output to an inventory warehouse and bin.

ERP Application Updates for PCID

This feature covers the following areas in the Epicor ERP application:

PCID Setup

- **Site Configuration** - The **Void When Emptied** check box was added to the **Modules > AMM > Package Control** sheet to automatically void a dynamic PCID when it becomes empty. You can only void a dynamic PCID for which you selected the **Allow Void** check box in the **Package Control ID Configuration**.

  The **Allow Allocation of PCID Inventory** check box was added to the **AMM > Fulfillment Workbench** sheet to determine if inventory in PCIDS should be including in manual and automatic allocation in **Fulfillment Workbench**.

  Menu Path: System Setup > Company > Site Maintenance > Company Configuration

- **Warehouse Maintenance** - A **Warehouse Printer** sheet was added. In the **Warehouse Printer** sheet, select a pre-existing printer that you wish to assign to a warehouse, specify the display order of a warehouse's printers and determine if a printer is a default printer for a warehouse.

  Menu Path: Material Management > Inventory Management > Setup > Warehouse

- **Employee Maintenance** - The Package Control sheet has been renamed to **Advanced Package Control.** If your company does not have an Advanced Package Control license, the fields on the Advanced Package Control sheet are disabled.

  Menu Path: Material Management > Inventory Management > Setup > Employee

- **Package Control Label Type Maintenance** - A new **CONTENTS** label type was added and is available if you have an AMM license. If the **CONTENTS** label type is selected, the **Number of Labels to Print**, **Report Style**, **Style Number** and **Report ID** fields are available. All other fields are disabled.

  Menu Path: Material Management > Advanced Material Management > Setup > Package Control Label Type

- **Package Control ID Configuration** - An **Outbound Container** field was added to the **Detail** and **List** sheets to indicate if the package control ID configuration is an outbound container. This field is enabled for dynamic labels and disabled for static labels.

  - If the package control ID configuration is set as an **Outbound Container** and the site is set as **Outbound Serial Tracking** in **Site Configuration**, when a serial-tracked part is added to a PCID using the package control ID configuration, serial numbers must be selected for the quantity.
  - If a package control ID configuration is set as an outbound container and a lot-tracked part is added to a PCID using the package control ID configuration, a prompt appears for lot attributes.

  A **Control ID Code** field was added to the **Detail** and **List** sheets to enter the unique Control ID code to which you want to subscribe at the site level for a static **PCID**. You can then assign a portion of the available range to the current site. You define these Control ID codes at the company level in **Control ID Maintenance**

The **Warehouse** and **Bin** fields now have context menus. Right-click the **Warehouse** field to launch **Warehouse Entry** or **Warehouse Search**. Right-click the **Bin** field to launch **Warehouse Bin Entry** or **Warehouse Bin Search**.

Menu Path: Material Management > Advanced Material Management > Setup > Package Control ID Configuration

Note If a PCID is in both the **Inventory** and **Staged** table, staged header information displays and **Staged** appears in **Record Type** fields and **Status** indicators.

For PCID Generator

- **PCID Generator** - The PCID Generator Program was added to allow you to generate PCIDs and print PCID barcode labels that can later be assigned during inventory transactions.

  Menu Path: Material Management > Advanced Material Management > General Operations > PCID Generator

- **Package Control ID Maintenance** - A PCID that was written into history and then re-used now can be selected.

  An **Outbound Container** field has been added to the **PCID** sheet to indicate if the package control ID configuration is an outbound container. This check box is display only. The value defaults from the setting you assign to the selected PCID in **Package Control ID Configuration.**

  You can launch the **PCID Contents Report** by clicking **Actions > PCID Contents Report**.

  Menu Path: Material Management > Advanced Material Management > Setup > Package Control ID Maintenance

- **PCID Generator (MES)** - The **PCID Generator** was added to the MES menu.

  MES Menu Path: MES Menu > Supervisor > PCID Generator

For PCID Build / Split / Merge

- **PCID Build/Split/Merge** - PCID Build/Split/Merge was added to allow you to build, split or merge PCIDs. You can also generate PCIDs and select serial numbers.

  You can build, split or merge the contents of PCIDs to and from other PCIDs and to and from inventory.

  - On the **PCID Build/Split/Merge** sheet, you can build, split or merge contents to and from PCIDs. You can build PCIDs and add parts and child PCIDs to it. You can move parts and child PCIDs from one PCID to another PCID. You can also remove parts or child PCIDs from another PCID.
  - On the **To/From Inventory** sheet, you can add or remove PCID contents to and from inventory. You can remove parts from stock and add them to a PCID. You can remove parts from a PCID to inventory as individual parts. You can also remove a child PCID from a parent PCID and return it to inventory.

  You can launch the **PCID Contents Report** for a destination PCID by clicking **Actions > PCID Contents Report**.

  Menu Path: Material Management > Advanced Material Management > General Operations > PCID Build/Split/Merge

- **Package Control ID Parent Child Tracker** - You can launch the **PCID Contents Report** by clicking **Actions > PCID Contents Report**.

  Menu Path: Material Management > Advanced Material Management > General Operations > Package Control ID Parent Child Tracker

- **PCID Contents Report** - A PCID Contents Report has been added to display all parts and child PCIDs contained in a PCID. You can select to include both inventory and staged PCIDS in the report or select to display only inventory or staged PCIDs. You can select to print only the PCID Contents Report, only PCID labels for the included PCIDs or print both the report and the PCID labels. You can also select to include empty PCIDS in the report or use filters to only include selected PCIDs.

Note Voided PCIDs do not appear in this report.

Menu Path: Material Management > Advanced Material Management > Reports > PCID Contents

- **Serial Number Maintenance** - You can now change the PCID associated with a serial number. You can enter or scan the PCID or search for the PCID using PCID Search.

  Menu Path: Material Management > Inventory Management > Setup > Serial Number Maintenance

- **PCID Build / Split / Merge (MES)** - The **PCID Build / Split / Merge** programs was added to the MES menu.

  MES Menu Path: MES Menu > Supervisor > Build / Split / Merge

- **Build PCID (Handheld)** - A **Build PCID** program was added to the Handheld application to allow you to add parts and PCIDs from stock to a PCID.

  Menu Path: Package Control > PCID Maintenance > Build / Split / Merge > Build PCID

- **Merge PCID (Handheld)** - A **Merge PCID** program was added to the Handheld application to allow you to move the full contents from one PCID to another PCID.

  Menu Path: Package Control > PCID Maintenance > Build / Split / Merge > Merge PCID

- **Split PCID to PCID (Handheld)** - A **Split PCID to PCID** program was added to the Handheld application to allow you to move a part quantity or child PCID from one PCID to another PCID.

  Menu Path: Package Control > PCID Maintenance > Build / Split / Merge > Split PCID to PCID

- **Split PCID to Stock (Handheld)** - A **Split PCID to Stock** program was added to the Handheld application to allow you to remove a part quantity or child PCID from PCID and add it to stock.

  Menu Path: Package Control > PCID Maintenance > Build / Split / Merge > Split PCID to Stock

For Receipt of PCID on a Purchase Order

- **Receipt Entry** - **PCID** fields were added to **Location** pane of the **Lines > Detail** sheet to allow you to select or generate a PCID for a receipt line. The following fields appear:

  - **PCID button** - Select and search for a PCID to associate it with the receipt line.
  - **PCID** - Specifies the PCID associated with the receipt line. When you enter, scan or select a PCID, you extract the internal PCID from the full PCID string, validate the package control status and validate that the PCID is valid for this receipt.
  - **Generate PCID button** - Click this button to generate one or more PCIDs for the receipt line. A PCID generator launches where you can generate a PCID for the receipt line.

  PCID fields were added to the **Actions > Mass Receipts** sheet to allow you to generate one or more PCIDS for the received receipt lines. The following fields appear:

  - **PCID** - Specifies the PCID associated with the receipt line.
  - **Generate Single PCID** - Generates a single PCID for the receipt and automatically assign it to all lines in the receipt.
  - **Generate Multiple PCIDs** - Generates a PCID for each line in the receipt . Each PCID in the receipt must be scanned to indicate which line is being received to which PCID.

  A **PCID** column was added to the **Lines > List**, **Summary > Arrived Lines**, **Summary > Received Lines** and **Summary > Arrived Lines** lists.

A **PCID** and **PCID Barcode** field was added to the **Receipt Labels** report to include PCIDs and PCID barcodes on receipt labels. You can also include PCID contents such as the part, unit of measure and lot on printed Bartender labels that have a label type of **General**.

A **PCID** field was added to the **Inventory Movement** report to include PCIDs for receipt lines.

A **PCID** and **PCID Barcode** field was added to the **Material Tags** report to include PCIDs and PCID barcodes on material tags.

Note You can only select or generate a PCID for a receipt line if the following information is true:

- Your company has an AMM license
- The purchase order type is **Standard** and the Purchase Order Line Type is **Stock** or **Miscellaneous** with an **Inventory** transaction type.
- The purchase order release is not set to **Buy to Order**.
- The purchase order is not supplier or customer managed
- The receipt line **Inspection Required** check box is clear.
- There is no link to a planning contract.
- The **Received** check box for the receipt line is clear.

Note You can only enter and search for PCIDs that have the following criteria:

- In inventory (not history or WIP)
- In the current company and site
- The PCID warehouse matches the warehouse for the receipt line

Menu Path: Material Management > Shipping / Receiving > General Operations > Receipt Entry

- **Package Control ID Maintenance** - If a PCID exists in both the Staged and Inventory tables, the PCID Status indicator displays Staged and the header screen is populated with the Staged header information.

  A **Record Type** field was added to the **Items > Detail** and **Items > List** sheets to display the PCID item's header status. The status can be **Inventory**, **Staged** or **History**.

  Menu Path: Material Management > Advanced Material Management > General Operations > Package Control ID

- **Package Control ID Parent Child Tracker** - A Record Type was added to displays the parent PCID item's status.

  Menu Path: Material Management > Advanced Material Management > General Operations > Package Control ID Parent Child Tracker

- **PO Receipt (Handheld)** - **Receive To PCID** button and the associated screen were added to the handheld **PO Receipt** program to streamline receipt of items onto a PCID.

  Menu Path: Material Management > Data Collection > Handheld > Shipping/Receiving > PO Receipt

For Issue Job Material

- **Issue Assembly** - A **PCID** selector and field have been added to the **Detail** and **List** sheets to allow you to select or enter a PCID from which to issue parts to a job assembly sequence.

  Note To issue from a PCID to an assembly, the PCID status must be Stock, the PCID must not be the child of another PCID, the PCID must exist in the current site or a shared warehouse, your company must have an AMM license and the **Enable Package Control** check box must be selected for the site in **Site Configuration**

  Menu Path: Material Management > Advanced Material Management > General Operations > Issue Assembly

- **Issue Material** - A **PCID** selector and field have been added to the **Detail** and **List** sheets to allow you to select or enter a PCID to from which to issue materials to a job.

  Note To issue from a PCID to a job, the PCID status must be Stock, the PCID must not be the child of another PCID, the PCID must exist in the current site or a shared warehouse, your company must have an AMM license and the **Enable Package Control** check box must be selected for the site in **Site Configuration**

  Menu Path: Material Management > Advanced Material Management > General Operations > Issue Material

- **Job Pick List Report** - The report now includes PCIDs. Under each warehouse and part, the report displays a list of PCIDs that include the part.

  Menu Path: Material Management > Inventory Management > Reports > Job Pick List

- **Issue Assembly (Handheld)** - A **PCID** field has been added to allow you enter a PCID from which to issue parts to a job assembly sequence.

  Note To issue from a PCID to an assembly, the PCID status must be Stock, the PCID must not be the child of another PCID, the PCID must exist in the current site or a shared warehouse, your company must have an AMM license and the **Enable Package Control** check box must be selected for the site in **Site Configuration**

  Menu Path: Material Handling > Outbound Process > Issue Assembly

- **Issue Material (Handheld)** - A **PCID** field has been added to allow you to enter a PCID from which to issue parts.

  Note To issue from a PCID, the PCID status must be Stock, the PCID must not be the child of another PCID, the PCID must exist in the current site or a shared warehouse, your company must have an AMM license and the **Enable Package Control** check box must be selected for the site in **Site Configuration**

  Menu Path: Material Handling > Outbound Process > Issue Material

For Inventory Transfers

- **Inventory Transfer** - A **PCID** field has been added. You can select a PCID or a part to transfer. A **List** sheet was added to allow users to copy from a spreadsheet and transfer a list of parts or PCIDS. Selected and transferred PCIDs display in the Inventory Transfers tree selector.

  Menu Path: Material Management > Inventory Management > General Operations > Inventory Transfer

- **Move Inventory Request** - A **PCID** selector and field have been added to allow you to move a PCID from one warehouse and bin to another warehouse and bin.

  Specifies the PCID that is being moved.

  Note The **PCID** field is only enabled if your company has an AMM license, the **Enable Package Control** check box is selected in **Site Configuration**, the PCID has a status of Stock and the **Part** field is clear.

  Note When you attempt to move a PCID that contains serial-tracked parts, different actions occur based on the serial tracking type of the From and To sites:

  - If the PCID with serial-tracked parts is being moved from a site that does no serial tracking to a site that performs full tracking, an error displays and you cannot continue.
  - If the PCID with serial-tracked parts is being moved from a site that does outbound tracking to a site that performs full tracking and the **Outbound Container** check box is clear for the PCID, an error displays and you cannot continue.
  - If the PCID with serial-tracked parts moves from a site that does full serial tracking to a site that performs no tracking, all serial numbers are voided.

   - If the PCID with serial-tracked parts moves from a site that does no serial tracking to a site that performs outbound serial tracking, the **Outbound Container** check box for the PCID is automatically selected.
   - If the PCID with serial-tracked parts moves from a site that does outbound serial tracking to a site that performs no serial tracking, all serial numbers are voided and the **Outbound Container** check box for the PCID is automatically selected.
   - If the PCID with serial-tracked parts moves from a site that does no serial tracking to a site that performs outbound serial tracking, no additional actions occur.

  Menu Path: Material Management > Advanced Material Management > General Operations >Move Inventory Request

- **Move Inventory (Handheld)** - A **PCID** field has been added to display the PCID for the transaction.

  Menu Path: Material Handling > Inventory Process > Move Inventory

For Job Output by PCID

- **Job Tracker** - A **PCID** field has been added to the **Part Locations > WIP** sheet to display PCIDs for the WIP part in the job operation.

  Menu Path: Production Management > Job Management > General Operations > Job Tracker

- **Part Tracker** - A **PCID** field has been added to the **On Hand > Part Locations > WIP** sheet to display PCIDs for the WIP parts.

  Menu Path: Material Management > Inventory Management > General Operations > Part Tracker

- **Report Quantity (MES)** and **End Labor Activity (MES)** - PCID fields have been added to allow you to generate, enter or select PCIDs for the part quantity. You can also select lot numbers or serials for the PCID. The following fields were added:
  - **Generate PCID** - Click this button to generate one or more PCIDs for the part quantity. When you click this button, the **PCID Generator** launches. The **Part**, **Description** and **Warehouse** fields are populated with the current part, description and the warehouse. The fields are view only.
  - **PCID** - Specifies the PCID associated with the report quantity. When you enter, scan or select a PCID, you extract the internal PCID from the full PCID string, validate the package control status and validate that the PCID is valid for this report quantity.
  - **Lot** - Specifies the lot number to be added to the PCID. You can enter or select a lot number.
  - **Next Lot** - Click this button to generate and select the next sequential lot number.
  - **PCID Contents** - If the check box is selected, a PCID contents label prints for the entered PCID after the reported quantity process.

  Note The PCID fields are only enabled if the following information is true:

  - Your company has an AMM license.
  - The **Package Control Enabled** check box is selected for the site in **Site Configuration**.
  - The operation against which the quantity is reported is selected as the last operation or the last operation in the method.
  - The report quantity is greater than zero.
  - The activity is a production activity (not indirect, setup or rework).
  - The operation is not set to **Auto Receive**.

  The Material Queue Report now includes PCIDs.

  MES Menu Path: MES Menu > Production > Report Quantity

MES Menu Path: MES Menu > End Activity

- **Work Queue (Handheld)** - PCID fields have been added to the **Report Qty** and **End Labor Activity** screens to allow you to generate, enter or select PCIDs for the part quantity. You can also select lot numbers for the PCID. The following fields were added:
  - **Gen PCID F4** - Click this button or press F4 to generate one or more PCIDs for the report quantity. The PCID generator launches.
  - **PCID** - Specifies the PCID associated with the report quantity.
  - **Lot** - Specifies the lot number to be added to the PCID.
  - **No Print PCID / Print PCID F3** - Print the PCID label when the transaction completes. The indicator changes from **No Print PCID** to **Print PCID**. The label format is based on the **Package Control Label Type** for the PCID.

  Menu Path: Labor > Work Queue

For Job Receipt to Inventory

For Job Receipt to Inventory

- **Job Receipt to Inventory** - A PCID Receipt sheet was added to allow you to receipt PCIDs created through job output into inventory. When you receive a PCID, all contents in the PCID are moved into inventory. You can select multiple PCIDs and receive them all at once.

  A **PCID** field was added to the **List** sheet to display the job output PCID moved into inventory and the **Detail** sheet has been renamed to the **Job Receipt** sheet.

  Menu Path: Material Management > Inventory Management > General Operations > Job Receipt to Inventory

- **WIP PCID Receipt to Inventory (Handheld)** - A **WIP PCID Receipt to Inventory** program was added to the Handheld application to allow you to assign a WIP PCID or a range of WIP PCIDs generated from supply job output to an inventory warehouse and bin. When you receive a PCID to inventory, the PCID status changes from a status of WIPFG to STOCK.

  Menu Path: Material Handling > Inbound Process > WIP PCID Receipt to Inventory

For Material Request Queue

- **Material Request Queue** - A **Last Used PCID** field has been added to display the last PCID used when partially processing the selected line. When you process the rest of the line, this PCID defaults on the WIP/Material movement.

  In the **WIP/Material Movement Transaction** screen, if you process a parent PCID, the **PCID**, **Part**, **Quantity**, **Lot Number** fields are disabled. The **Gen PCID** and **Serial No** buttons are also disabled.

  Note Refer to the **Move Inventory Request** topic for information on attempting to move a PCID that contains serial-tracked parts. The same rules apply to this transaction.

  Note If you are in a site is set to perform outbound serial tracking and you are picking a serial-tracked part into a PCID that is an outbound container, you are prompted to enter a serial number.

  In the **WIP/Material Movement Transaction** screen, the **Generate PCID** button launches the **PCID Generator** window where you can generate PCID(s) and print label(s) for the transaction.

  A From **PCID** field was added in the **WIP/Material Movement Transaction** screen to fulfill a material request from a PCID.

  The **Material Queue Report** now includes PCIDs.

  A **From PCID** and a **To PCID** column was added to the **Unselected** and **My Selections** list to display the PCID if a material request is from a PCID or to a PCID.

If a Submit for Picking request is sent from Fulfillment Workbench, there are separate material queue records when the allocation includes both inventory and PCID inventory, one for the inventory and one for PCID inventory.

Menu Path: Material Management > Advanced Material Management > General Operations > Material Request Queue

- **Material Queue (Handheld)** - A **PCID** field has been added. You can select a PCID or a part to add to **My Material Queue**.

  Menu Path: Material Handling > Material Queue

- **My Material Queue (Handheld)** - A **PCID** field has been added to display the PCID for the transaction. In the **Process Mtl Queue** screen, if you process a parent PCID, the **PCID**, **Part**, **Quantity**, **Lot**, **From Whse** and **Bin** fields are disabled. The **Gen PCID** and **Serial No** buttons are also disabled.

  Menu Path: Material Handling > My Material Queue

For Quantity Adjustment PCIDs

- **Quantity Adjustment** - A **PCID** field has been added to allow you to select a PCID and adjust the quantities of selected parts within that PCID. The contents of the selected PCID appear in the **Warehouse Bins** list. Select a part in the list to adjust the part quantity. Right-click the PCID field to launch **PCID Build/Split Merge** to make additional changes to a selected PCID. When you exit PCID Build/Split/Merge, **Quantity Adjustment** refreshes to include the changes.

  You can launch the **PCID Contents Report** by clicking **Actions > PCID Contents Report**.

  An **Open With > PCID Build/Split/Merge** context menu option was added to the **Part** field. Right-click the PCID field to launch PCID Build/Split Merge to make additional changes. When you exit PCID Build/Split/Merge, **Quantity Adjustment** refreshes to include the changes.

  A new **Item PCID** field was added to the Warehouse bins list to identify a child PCID within the parent PCID. To change the **PCID** selection from the parent PCID to a child PCID within the parent PCID, right-click the **Item PCID** column for the child PCID and select **Quantity Adjustment** from the context menu. The value in the Selection **PCID** field changes from the parent PCID to the child PCID.

  Menu Path: Material Management > Inventory Management > General Operations > Quantity Adjustment

- **Stock Status Report** - An **Include PCID** check box has been added to allow you to include PCIDs in the report.

  Menu Path: Material Management > Inventory Management > Reports > Stock Status

- **Adjust Inventory (Handheld)** - A **PCID** field has been added to allow you to adjust the inventory of a part within a PCID.

  Menu Path: Material Handling > Inventory Process > Move Inventory

For Inventory Count

- **Count Cycle Maintenance** - The **PCIDs** tab has been added to display data for the top-level PCIDs assigned to the selected cycle sequence.

  By default, the application generates tags for top-level PCIDs. You can include nested PCIDs or parts in the tags generation process by selecting the **Nested PCID/Item** check box in the **Generate Count Tags** window.

  If you want to generate blank tag records for PCIDs, you need to specify the number of tags in the **Number of Blank PCID Tags** field in the Generate Count Tags window.

  The **PCID** tab has been added to the **Count Cycle Void Blank Tags** window to void unused blank PCID tags.

  Use the **Start Count Sequence**, **Reverse Start Count** and **Cancel Cycle** commands on the **Actions** menu to start, reverse or cancel count sequence for PCIDs for the selected cycle sequence or full physical inventory.

Use the **Void Tags by PCID** option on the **Actions** menu to remove a PCID from a cycle if count tags or sheets have already been generated using the **Generate Tags** selection. The application will void all cycle count tags generated for the selected top-level PCID in the specified cycle sequence, mark the PCID as voided and move it to the next scheduled cycle (nested PCIDs will not get moved to the next cycle).

The **Print PCID Blank Tags** check box has been added to the **Print Tags** and **Reprint Tags** windows to print/reprint blank tags generated for PCID.

The **Print Nested PCID / Item Qty Tags** check box has been added to the **Print Tags** and **Reprint Tags** windows to allow print/reprint of PCID tags for nested PCIDs and item part quantities.

The **Include PCID** check box has been added to the **Count Variance Serial Number Report**, **Count Parts Not Selected Report** and **Unreturned/Voided Tags Report** to indicate that PCIDs should be included in these reports.

The **PCID Count Report** has been added to display all level or top-level PCIDs in a cycle sequence and to calculate variances between the per-count snapshot quantity and counted quantities for PCIDs in a specified count cycle for a specified warehouse, year, and cycle period.

Menu Path: Material Management > Inventory Management > General Operations > Count Cycle Maintenance

- **Cycle Count Tracker** - The **PCID** sheet and accompanying tabs were added to Cycle Count Tracker to display information related to scheduled cycle count or physical inventory sequences associated with PCIDs.

  Menu Path: Material Management > Inventory Management > General Operations > Cycle Count Tracker.

- **Count Tag Entry** - The **PCID Detail** sheet has been added to allow update of open count PCID tags and add blank PCID tags for the selected cycle sequence.

  Note This is only available if the cycle sequence has not been posted yet using the **Post Counts** selection in the Count Cycle Maintenance **Actions** menu.

  The **Generate Blank Count Tags** and **Generate Lower Nested PCID/Item Tags** commands have been added to the **Actions** menu to allow generation of blank tags from the Count Tag Entry program and to include nested PCIDs or parts in the tag generation process for the selected cycle sequence

  Menu Path: Material Management > Inventory Management > General Operations > Count Tag Entry

- **Count Entry (Handheld)** - The PCID related fields have been added to the HH Count Entry program to allow update of open count PCID tags and add blank PCID tags for the selected cycle sequence.

  Menu Path: Material Management > Data Collection > Handheld > Material Handling > Count Entry

- **Cycle Count Schedule Maintenance** - The **Total PCIDs** field has been added to the **Cycle Count Schedule Cycles** grid in the **Cycles** sheet to display the total number of top level PCIDs selected for this cycle count sequence.

  Note This field is only enabled if your company has an AMM license, the **Enable Package Control** check box is selected for the site in **Site Configuration**, the PCID has a status of Stock, the PCID is not a child, and the **Exclude PCID Parts** check box is clear in the **Initialize Physical Inventory** program.

  Menu Path: Material Management > Inventory Management > General Operations > Cycle Count Schedule Maintenance

  Initialize Physical Inventory - The **Exclude PCID Parts** check box has been added to the **Selection** sheet to exclude parts associated with a PCID from inventory counts.

  By default, parts associated with a PCID are included in inventory counts if the following is true:

  - Your company has an AMM license.
  - The **Enable Package Control** check box is selected for the current site in **Site Configuration**.
  - The PCID status is **Stock**.
  - The PCID is not a child.

Menu Path: Material Management > Inventory Management > General Operations > Initialize Physical Inventory

- **Cycle Count Part / PCID Selection Update** - The **PCID** tab and **New PCID** selection on the New menu have been added to allow update of count cycle sequence by removing PCIDs assigned to this cycle, adding new PCIDs, or adding existing PCIDs which have not yet been assigned to any cycle sequence.

  Menu Path: Material Management > Inventory Management > General Operations > Cycle Count Part/PCID Selection Update

- **Count Cycle Parts Selected** - The **Include PCID** check box has been added to the **Selection** sheet to indicate that PCIDs should be included in this report.

Menu Path: Material Management > Inventory Management > Reports > Count Cycle Parts Selected

For Allow Allocation from Fulfillment Workbench

- **Allocation Template Maintenance** - Additional options have been added to the **Search Sort** field to allow you to sort by PCID first.
  - **PCID First In First Out** - Sorts results by the PCID Create Date, then by PCID, then by bin number. Inventory not in a PCID is sorted by bin in descending order.

    Note Allocate from the available inventory by the PkgControlHeader.CreatedDate, PkgControlHeader.BinNum, PartBin.PCID (if multiple PCIDs have the same create date, they will be pulled by Bin Ascending, if multiple PCIDs within the same bin have the same create date, they will be pulled alphabetically by PCID), after that, allocate inventory not in a PCID sorted by BinNum descending.

  - **PCID First - Bin Ascending** - Sorts results by inventory in a PCID first, sorted by bin in ascending order. Then sorts results by inventory NOT in a PCID, sorted by bin in ascending order.
  - **PCID First - Bin Descending** - Sorts results by inventory in a PCID first, sorted by bin in descending order. Then sorts results by inventory NOT in a PCID, sorted by bin in descending order.
  - **PCID First - Quantity Ascending** - Sorts results by inventory in a PCID first, sorted by quantity on hand in ascending order, then by PCID. Then sorts results by inventory NOT in a PCID, sorted by quantity on hand in ascending order.
  - **PCID First - Quantity Descending** - Sorts results by inventory in a PCID first, sorted by quantity on hand in descending order, then by PCID. Then sorts results by inventory NOT in a PCID, sorted by quantity on hand in descending order.

  Note Use the **Site Configuration > Modules > AMM > Fulfillment Workbench** sheet to define the default values for how quantity search results for transfer orders, jobs, and sales orders are sorted within Fulfillment Workbench for the selected site.

  Menu Path: Material Management > Inventory Management > Setup > Allocation Template

- **Fulfillment Workbench** - All **Available Inventory** and **Available Quantity** fields were updated to consider the **Allow Allocation of PCID Inventory** check box in **Site Configuration**. If the check box is selected, inventory that exists in PCIDs is included in **Available** inventory in **Fulfillment Workbench** and the inventory is picked during automatic (allocate by part) or manual allocation (allocate by lot/bin). Inventory in PCIDs is also included in cross dock and wave picking allocations.

  Additional sort options have been added in **Ad Hoc Allocation** to allow you to sort by PCID first. For more information, refer to the **Allocation Template Maintenance** update.

  Menu Path: Material Management > Advanced Material Management > General Operations > Fulfillment Workbench

- **Material Queue Manager** - A **From PCID** and a **To PCID** column was added to display the PCID if a material request is from a PCID or to a PCID.

Menu Path: Material Management > Advanced Material Management > General Operations > Material Queue Manager

- **Process by PCID** - A from **PCID** field was added to specify the PCID from which the material will be issued.

  Menu Path: Material Management > Advanced Material Management > General Operations > Process by ID

- **Customer Shipment Entry** - You can include PCID contents such as the part, unit of measure and lot on printed Bartender labels that have a label type of **General**.

  Menu Path: Material Management > Shipping / Receiving > General Operations > Customer Shipment Entry

- **Material Queue (Handheld)** - A from **PCID** field was added to display the PCID from which the WIP/material will be issued.

  Menu Path: Material Handling > Material Queue

- **My Material Queue (Handheld)** - A from **PCID** field was added to display the PCID from which the WIP/material will be issued. A from **PCID** field was added to the **Process Mtl Queue** screen to specify the PCID from which the WIP/material will be issued.

  Menu Path: Material Handling > My Material Queue

- **Process by ID (Handheld)** - A from **PCID** field was added to the **Process Mtl Queue** screen to specify the PCID from which the WIP/material will be issued.

  Menu Path: Material Handling > Process By ID

- **Auto Select Transactions (Handheld)** - A from **PCID** field was added to the **Process Mtl Queue** screen to specify the PCID from which the WIP/material will be issued.

  Menu Path: Material Handling > Auto Select Trans

Move Inventory Request - Need By Date

Move Inventory Request includes the **Need By** date where you can specify a supply material date. The entered date is taken into consideration when processing a material request.

Business Scenario

As a service technician you need to know the material supply date.

Menu Path: Material Management > Advanced Material Management > General Operations > Move Inventory Request

Shipping / Receiving

Use the Shipping / Receiving module to monitor incoming and outgoing part quantities, whether they are shipments against an order, subcontract parts sent to a supplier, raw material received from a purchase order to a job or into inventory, or filling a sales order from stock.

Through this functionality, you can perform and track all activity relating to shipments and receipts.

Online transaction processing promotes efficiency and ease of use, while online editing promotes accuracy. With Shipping / Receiving, a consistent interface processes all shipments and receipts in an efficient, accurate, and cost-effective manner.

Company Configuration - Unapproved PO and Unconfirmed PO Settings

Use the **Unapproved PO** and **Unconfirmed PO** fields in the **Company Configuration > Modules > Materials > Shipping Receiving** sheet to determine what actions should be performed when receipts are created for unapproved or unconfirmed purchase orders in **Receipt Entry** or **PO Receipt (Handheld)**.

Shipping and Receiving clerks need the ability to be warned or stopped when receiving a purchase order that is not approved or is not confirmed, so that appropriate actions are taken internally to address the status of the purchase order.

The following fields have been added to **Company Configuration** to implement this feature:

- **Unapproved PO** - Specifies what should happen when receipts are created for purchase orders that are unapproved in **Receipt Entry** or **PO Receipt** on the handheld.
- **Unconfirmed PO** - Specifies what should happen when receipts are created for purchase orders that are unconfirmed in **Receipt Entry** or **PO Receipt** on the handheld.

You can select to allow, warn or stop employees when they create receipts for unapproved/unconfirmed purchase orders:

- **Allowed** - When you create a receipt for an unapproved/unconfirmed purchase order or add receipt lines for an unapproved/unconfirmed purchase order, the receipt and receipt lines are created successfully and no warning messages display.
- **Warn** - When you create a receipt and select an unapproved/unconfirmed purchase order **Receipt Entry** in the **PO** field, a warning message displays that the purchase order is unapproved/unconfirmed. Click **OK** to continue the transaction.

  When you add the first receipt line on a receipt in **Receipt Entry** and the purchase order is unconfirmed, a warning message displays that the purchase order is unapproved/unconfirmed with a **Yes** or **No** option.

  - **Yes** - You can continue the receipt line entry.

    Note The warning message only displays for the first line added to the receipt.

  - **No** - The screen clears and the receipt line entry is cancelled.

  Using **Mass Receipts** in **Receipt Entry**, when you click the **Selected** check box for an unapproved/unconfirmed purchase order line in the **PO Releases** list, a warning message displays that the purchase order is unapproved/unconfirmed with a **Yes** or **No** option.

  - **Yes** - The line moves to the **Mass Receipts** list .

    Note The warning message only displays for the first line added to the receipt.

  - **No** - The selection clears and the line does not move to the **Mass Receipts** list.

  When you enter a **PO** and **Pack** in **PO Receipt** (handheld), a warning message displays that the purchase order is unapproved/unconfirmed with a **Yes** or **No** option.

  - **Yes** - You can continue the receipt.
  - **No** - The screen clears and the receipt entry is cancelled.

- **Stop** - When you create a receipt in **Receipt Entry** or **PO Receipt** (handheld) and select an unapproved/unconfirmed purchase order, an error message displays that the purchase order is unapproved/unconfirmed. Click **OK** to continue. The receipt entry is cancelled and the screen is cleared.

Menu Path: System Setup > Company/Site Maintenance > Company Configuration

Miscellaneous Shipment - RMA and DMR

A miscellaneous shipment Pack ID is automatically created as a result of selecting the Job or Return Shipment options in the RMA Dispositions > Disposition > Detail > Dispose To field or via DMR Processing using the Return To Customer functionality, given that you select the Misc Shipment from WIP check box located on the Job Entry > Job > Make To Stock > Detail sheet.

The following rules apply to a miscellaneous shipment Pack ID if you select the Misc Shipment from WIP check box:

- You cannot add new lines to the Pack ID.
- You cannot delete the Pack ID.
- You cannot reopen a closed job.

  Note If the miscellaneous shipment has been changed to a status different than Open (Closed, Freight, Staged, Shipped) you cannot reopen a closed job. If you reopen the closed job that carries the Open status, the linked miscellaneous shipment Pack ID is automatically deleted. If the part carries serial numbers, the serial numbers acquire the original status.

- You cannot delete lines from the Pack ID.
- You cannot void the Pack ID.

If the miscellaneous shipment has been changed to a status different than Open (Closed, Freight, Staged, Shipped) you cannot reopen a closed job.

Note When you enter a Pack ID you can search for and select the relevant RMA number and line tied to a customer record. The **RMA/Line** button is located on the **Summary** and **Header** sheets in both Miscellaneous Shipment Entry and Miscellaneous Shipment Tracker.

Note If a part on a DMR record includes serial number(s) and you execute Return To Customer, the serial number(s) move to the automatically created miscellaneous shipment Pack ID.

- **Menu Path:** Material Management > Shipping/Receiving > General Operations > Miscellaneous Shipment Entry
- **Menu Path:** Material Management > Shipping/Receiving > General Operations > Miscellaneous Shipment Tracker

RMA Disposition Entry - Return Shipment

The **Dispose To** field located on the **RMA Disposition Entry > Disposition > Detail** sheet includes the **Return Shipment** option.

Select this option if the material should be returned to a customer. Selecting this option automatically creates a Miscellaneous Shipment record and **INS-SHP** transaction type.

Note Selecting this option inactivates the **Request Move** check box.

Menu Path: Sales Management > Order Management > General Operations > RMA Dispositions

Purchase Management

Use the Purchase Management module to create purchase orders and track supplier performance. Detailed line items indicate planned receipts to inventory or a job, although their destination can be changed at the time of actual receipt entry.

Purchase order receipt processing updates suggested supplier and detailed purchase history files, which provides continual reference to aid in making purchasing decisions.

An online time-phased material requirements report provides a strategic planning tool to buy the right amount of material - at the right time. With Purchase Management, you can reduce inventory levels, improve on-time deliveries, enhance your cash flow, and increase your profit levels.

Supplier Price List - Part and Subcontract Operation Attachments

You can add attachments to a part or subcontract operation in **Supplier Price List**.

Employees need the ability to add attachments directly to a part or subcontract operation in Supplier Price List so that users can view related information about the part or subcontract operation where needed.

To add an attachment to a part or subcontract operation in **Supplier Price List**, navigate to the **Detail** or **List** sub-sheet of the **Part** or **Subcontract Operation** sheet and select the part or subcontract operation. Then click the **Attachments** icon on the taskbar or select **Add Attachment** from the **Actions** menu. The Actions sheet displays in a separate tab and you can add attachments as needed.

Menu Path: Material Management > Purchase Management > Setup > Supplier Price List

Tracker Transaction History Range

Use the **Number of Days** field in **Company Configuration** to set the default number of days of history to retrieve when retrieving transactions in trackers. Use **Actions > Transaction History Range** in **Supplier Tracker** to override the default number of days of transaction history to retrieve when retrieving transactions.

If your company has large amounts of transactional data, defining a transaction history range allows you to limit the number of transactions you retrieve. In Supplier Tracker, you can define the number of days prior to the current day to display when you retrieve transactions.

For example, if you select to view transaction history for 10 days, only transactions that have a date of today minus 10 days are retrieved. Any transactions outside the range are not retrieved.

In **Company Configuration**, you can determine the default number of days to retrieve in all trackers.

In the **Supplier Tracker**, you can use the **Transaction History Range** action to override the default setting in **Company Configuration** and set a specific history range filter for the **Supplier Tracker**.

The transaction history range filter affects transactions you retrieve by selecting **Retrieve Transactions** or **Auto Retrieve Transactions** from the **Actions** menu. If also affects transactions you retrieve by navigating to the **Transaction** sheet and clicking the **Retrieve** button.

This feature covers the following areas in Epicor ERP application:

- **Company Configuration** - A **Number of Days** field was added to the **Modules > All Modules > General** sheet to define the default Number of Days when you retrieve transactions in trackers.

  Menu Path: System Setup > Company > Site Maintenance > Company Configuration

- **Supplier Tracker** - A **Transaction History Range** window was added to the **Actions** menu to define the history range when you retrieve transactions. The window has the following fields:
  - **Number of Days** - Specifies the number of days before the current day to display when you retrieve transactions in the tracker.

Note If the value in this field is **0**, there are no date range restrictions when you retrieve transactions.

- **Save Setting** - If selected, the tracker uses this **Number of Days** value each time transactions are retrieved in the **Supplier Tracker**

Menu Path: Material Management > Purchase Management > General Operations > Supplier Tracker

Generate Purchasing Suggestions - Logging Type

Process Generate Purchasing Suggestions includes the Logging Type field where you can specify a logging type used during each PO Suggestions generation run.

Depending on the option you select in this field, the application will overwrite, add a date/time or content to log files during each run. The field includes the following options:

- **Append** - Adds content at the end of the log files.
- **Overwrite** - Overwrites the log files during each run.

  Note This is a default option.

- **Split** - Adds a date and time in the filename to create separate log files for each run.

Menu Path: Material Management > Purchase Management > General Operations > Generate Suggestions

Change Log for Supply Chain Programs and Trackers

For the reporting and filing purposes, a **Change Log** is displayed on several programs and trackers.

Use the **Changed By** field to view the username of the person who last changed the selected record. The **Change Date** field displays the date and time of the last change.

To access the change log, select **Change Log** from the **Actions** Menu.

A Change Log was added to the following programs and trackers:

- Bill of Lading Entry
- Container Landed Cost Entry
- Container Landed Cost Tracker
- Container Receipt Entry
- Customer Shipment Entry
- Customer Shipment Tracker
- Demand Contract Entry
- Demand Entry
- Drop Shipment Entry
- Drop Shipment Tracker
- Forecast Entry
- Master Pack Shipment Entry
- Miscellaneous Shipment Entry
- Miscellaneous Shipment Tracker
- Price List Maintenance
- Receipt Entry

- Receipt Tracker
- Receive Transfer Order
- Requisition Entry
- Requisition Tracker
- RFQ Entry
- Service Call Center
- Subcontractor Shipment Entry
- Subcontractor Shipment Tracker
- Transfer Order Entry
- Transfer Order Shipment Entry
- Transfer Order Shipment Tracker

Financial Management

Epicor financial management solutions provide manufacturers with the tools needed to create value through monitoring financial conditions and timely decision making.

This functionality reduces costs and improves cash flow. Epicor Financials can help improve your ability to drop more to your bottom line—the ultimate test of your success and competitive advantage.

Accounts Payable

Use the Accounts Payable (AP) module to enter supplier invoices for purchases that you make and then create checks, payment instruments, or generate bank electronic funds transfer (EFT) files for the invoices you want to pay. Adjustments are created if the purchase price does not match the invoiced price.

The application can generate payments for all invoices due, those for a particular supplier, or only for specific invoices. If a supplier calls you to discuss an invoice, you have complete information at your fingertips and that history can be kept indefinitely. With Accounts Payable, you know how much you owe and when it is due.

You use the Accounts Payable functionality to update both purchase orders in Purchase Management, as well as actual job costs.

Partial AP Deductible Tax Processing

When you set up a tax type in **Tax Type Maintenance**, the **Default Tax Timing** and **Collection Method** controls define when and how taxes are accounted for and are posted as committed tax transactions. You can also specify the deductible part of the tax when setting up the tax rate to use for the type. The **AP Deductible %** value may be defined when the **Collection Method** you use is **Invoicing** and for all **Default Tax Timing** options, such as on **Invoice**, on **Partial Payment**, and when the invoice is **Fully Paid.**

Financial Management > Accounts Payable > Setup > Tax Type

AP Invoice Entry

- When Default Tax Timing is set to **Invoice**, tax is split between tax accrual and non-deductible tax accounts according to the **AP Deductible %** value.
- When Default Tax Timing is set to **Partial Payment** or **Fully Paid**, the non-deductible part is processed exactly as when Default Tax Timing is set to Invoice; the deductible part is posted to the interim tax account.

AP Payment Entry - Invoice Payment

- When Default Tax Timing is set to **Invoice**, tax is not calculated and not posted.
- When Default Tax Timing is set to **Partial Payment** or **Fully Paid**, interim tax is reversed.

AP Payment - Miscellaneous Payment

Non-deductible tax processing is the same for all Default Tax Timing options. When misc. payment is posted, the non-deductible tax amount is calculated based on the **AP Deductible %** value and is posted separately to the Non-deductible tax account, if that context is set, or to the current expense account.

Apply Debit Memo / Prepayment

- When Default Tax Timing is set to **Invoice**, tax is not calculated and not posted.
- When Default Tax Timing is set to **Partial Payment** or **Fully Paid**, interim tax is reversed.

AP Taxable Adjustment

Taxable adjustments are not allowed for invoices with payment timing taxes, withholding taxes, and non-deductible taxes.

Void Payment Entry

Non-deductible tax processing is the same for all Default Tax Timing options. When payment is voided, all original postings including taxes are reversed.

ACH Payments

Use the ACH Payments functionality to manage the settings for electronic payments made through the Automated Clearing House (ACH) Network.

The ACH-specific options settings are available on the following sheets:

- **Menu Path:** Financial Management > Accounts Payable > Setup > Bank Account
- **Menu Path:** Financial Management > Accounts Payable > Setup > Supplier
- **Menu Path:** Financial Management > Accounts Payable > General Operations > Payment Entry

Automatic Matching of AP Payments

You can perform automatic matching of AP payments based on the invoice number, invoice legal number, and banking reference number.

Matching based on banking reference number is applicable for the following countries:

- Belgium
- Denmark
- Estonia
- Finland
- Norway
- Sweden
- Switzerland

Menu Path: Financial Management > Accounts Payable > General Operations > Bank Statement Processing

Withholding Tax Payment Report

The **Withholding Tax Payment Report** program enables you to determine how much you will pay for corporate and non-corporate tax types, and to mark all the withholding taxes paid for invoices selected in the previous periods as paid.

Menu Path: Financial Management > Accounts Payable > Reports > Withholding Tax Payment Report

Withholding Tax Payment Export

The **Withholding Tax Payment Export** program enables you to export a Withholding Tax Payment Report in different formats.

Before you generate a data file, you select an electronic interface for a required format. The data file is generated to the specified path and is also attached to the report entry.

Menu Path: Financial Management > Accounts Payable > Reports > Withholding Tax Payment Export

Accounts Receivable

Use the Accounts Receivable (AR) module to bill your customers as orders are shipped and then track payments as they are received.

Since you can specify the creation of invoices through the order release process, it is possible to reduce billing for a different quantity than for what was actually shipped.

Customer invoices may be previewed, printed on laser or continuous preprinted forms, faxed or emailed directly to your customer. With Accounts Receivable, you know who is buying what, and who is paying their bills on time.

ACH Payments

Use the ACH Payments functionality to manage the settings for electronic payments made through the Automated Clearing House (ACH) Network.

The ACH-specific options settings are available on the following sheets:

- **Menu Path:** Financial Management > Accounts Receivable > Setup > Bank Account
- **Menu Path:** Financial Management > Accounts Receivable > Setup > Customer
- **Menu Path:** Financial Management > Accounts Receivable > General Operations > Cash Receipt Entry

Automatic Matching of AR Payments

You can perform automatic matching of AR payments based on reminder letter number and banking reference number.

Matching based on banking reference number is applicable for the following countries:

- Belgium
- Denmark
- Estonia
- Finland
- Norway
- Sweden

- Switzerland

Menu Path: Financial Management > Accounts Receivable > General Operations > Bank Statement Processing

Auto Creation of Invoice Cash Receipts

You can automatically generate a cash receipt with allocated invoice based on reminder letter number and banking reference number.

Auto creation of invoice cash receipts based on banking reference number is applicable for the following countries:

- Belgium
- Denmark
- Estonia
- Finland
- Norway
- Sweden
- Switzerland

Menu Path: Financial Management > Accounts Receivable > General Operations > Bank Statement Processing

Withholding Tax Payment Report

The **Withholding Tax Payment Report** program enables you to determine how much you will pay for corporate and non-corporate tax types, and to mark all the withholding taxes paid for invoices selected in the previous periods as paid.

Menu Path: Financial Management > Accounts Receivable > Reports > Withholding Tax Payment Report

Withholding Tax Payment Export

The **Withholding Tax Payment Export** program enables you to export a Withholding Tax Payment Report in different formats.

Before you generate a data file, you select an electronic interface for a required format. The data file is generated to the specified path and is also attached to the report entry.

Menu Path: Financial Management > Accounts Receivable > Reports > Withholding Tax Payment Export

Payroll

Use the Payroll functionality to handle the processing of all employee paychecks and provide necessary company and governmental reporting.

Leverage the comprehensive employee information and memo fields to track employee personnel information like performance reviews and outside training.

As payroll is integrated with Job Management and Data Collection, you normally only have to review your payroll entries, make adjustments, print your checks, and then post the resulting records. If you use the Payroll module, you no longer need to have your payroll done through an outside service, as you can now easily run payroll internally.

Payroll Electronic Deposits NACHA Bank Interface

ERP Payroll module allows you to export payroll data in files and send them to a bank as order to make transfer of payroll payments to employees. An output file can be standard simple text format or NACHA format. Standard simple text output file does not represent interface directly used by banks, usually additional reformatting outside ERP system is required to transform it to a file acceptable by a particular bank.

Opposite, a NACHA format file can be sent directly to a bunch of banks. A NACHA file is used to execute domestic ACH payments through the Automated Clearing House Network. It is a payment instruction file that gets sent or uploaded to a bank portal in order to execute a mass payment batch. NACHA files require unique formatting with particular specifications. While the details of the file format can vary slightly between different financial institutions or banks, there are a number of Standard Entry Class Codes (SEC codes) that relate to ACH payment files.

The new functionality covers the following areas of the Epicor ERP application:

- **Electronic Interface Maintenance** - The Electronic Interface Maintenance program was added to the **Payroll > Setup Programs** to create, setup or modify electronic interfaces from the Payroll module.

  Menu Path: Financial Management > Accounts Receivable > Setup > Electronic Interface

  Menu Path: Financial Management > Accounts Payable > Setup > Electronic Interface

  Menu Path: Financial Management > Payroll > Setup > Electronic Interface

- **Bank Account Maintenance** and **Bank Account Tracker** - The **Electronic Interface** and **Payroll Entry Class Code** fields were added to the **Payroll** sheet in the Bank Account Maintenance and Bank Account Tracker programs to specify an electronic interface to be used when processing a Payroll Group, and a Payroll Entry Class Code used when processing the electronic interface for direct deposit check deductions.

  Menu Path: Financial Management > Account Receivable > Setup > Bank Account

  Menu Path: Financial Management > Accounts Payable > Setup > Bank Account

  Menu Path: Financial Management > Cash Management > Setup Bank Account

  Menu Path: Financial Management > Payroll > Setup > Bank Account

  Menu Path: Financial Management > Accounts Payable > General Operations > Bank Account Tracker

  Menu Path: Financial Management > Cash Management > General Operations > Bank Account Tracker

  Menu Path: Executive Analysis > Trackers > Bank Account Tracker

- **Payroll Check Entry**

  Menu Path: Financial Management > Cash Management > General Operations > Payroll Check Entry

  Menu Path: Financial Management > Payroll > General Operations > Payroll Check Entry

External Payroll Integration

The External Payroll Integration module enables you to configure external payroll setup in order to create files to export to an external payroll provider. The programs under Setup in this module enable you to create payroll employees, pay types and classes, holidays, and configuration of the export file that will be sent to the external provider. The External Payroll Processing program, under General Operations, enables you to create the payroll file to send to the external payroll provider.

In order to use the External Payroll Integration module, the External Payroll license must be installed.

Note You also have to set up and activate the external payroll configuration in **Company Configuration**, on the **Modules > Finance > Payroll Integration** sheet.

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Column Title in Export File - Layout Configuration

Use the **Column Title** column of the **Payroll Export Configuration Fields** grid to specify the source field header to display in the export file.

Note Headers are included in export files only when the **Suppress File Header** check box is clear in **Company Configuration > Modules > Finance > Payroll Integration.**

Menu Path: Financial Management > External Payroll Integration > Setup > Export File Layout Configuration

Overtime Per Day Threshold Calculation for All Employees

Use the **Apply Per Day Threshold's to All Frequencies** check box in **External Payroll Class Maintenance** to determine if **Overtime Per Day** and **Double Time Per Day** thresholds will be applied to all employees in the payroll process.

If this check box is clear, only weekly or biweekly paid employees will get this pay.

Menu Path: Financial Management > External Payroll Integration > Setup > External Payroll Class Maintenance

General Ledger

General Ledger (GL) processes and posts entries created by Job Management, AR, AP and Payroll, as well as manual entries made directly in the general ledger.

A chart of accounts is easily established to control how you want the application to report on your business. You can even export your general ledger data to a spreadsheet to handle any special requirements. When you set up legal numbers for transactions, the sequences can be assigned by user IDs and warehouses.

General Ledger Report For Single Account

You can now use the **General Ledger Report** to display financial information for a single account. This may be useful for reviewing and reconciling journal details for control accounts which typically receive a lot of movement.

To select a single account, use the **Account** option on the **General Ledger Report** form and specify the **GL Account** for which you want to run the report.

Menu Path: Financial Management > General Ledger > Reports > General Ledger

Posting Rules Check Syntax Functionality

Use the **Check Syntax** button on GL Transaction Type Maintenance > Revisions > Detail sheet, GL Transaction Type Maintenance > Revisions > Book > Functions Detail sheet, GL Transaction Type Maintenance > Revisions > Book > Booking Rules > Operations Base and Customization sheets to validate check of the selected revision/rule/function for compilation errors.

If the application detects an error, the revision/rule/function will be marked in the navigation tree, and the operation causing this error will be highlighted. You can hover your mouse over the highlighted operation to view the tip for the error.

Quick Posting Rules Navigation

Within the GL Transaction Type Maintenance program, you can quickly navigate from the current posting rule or function to user-defined function definition by clicking the **Go to Function Definition** selection from the Context menu. A rule or function operation that calls a user-defined function is marked with a specific icon. You

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can go back to the posting rule or function by clicking the related link displayed on the user-defined function's operation tab.

Cash Management

Improve your cash management processing cycle through the automatic handling and reporting of discounts available, payment due dates and payment selection methods.

Cash Management includes setup programs used to define bank accounts and bank fees associated with cash receipts, cash payments, bank statements, and bank adjustments. The setup programs also prepare you to import payment files and to make electronic payments.

You can also use the Cash Management module to manage the company's general ledger cash accounts, as well as to reconcile a bank balance with cash balances in the company's books.

With an additional license from Epicor, you can use the Petty Cash functionality to create petty cash document forms in compliance with the requirements needed by many government organizations. Key features are in place to support legal requirements for legal numbering, document forms, and daily balances and reports.

Print Remittance Slips

Use the **Print Remittance Slips** command to print out remittance slips for all current payments excluding deposit slips. You can select customers or payments in the **Filter** tab.

This command is available using the **Actions** menu in the following programs:

- Cash Receipt Entry

  Menu Path: Financial Management > Accounts Receivable > General Operations > Cash Receipt Entry

- Cash Receipt Tracker

  Menu Path: Financial Management > Accounts Receivable > General Operations > Cash Receipt Tracker

- Bank Receipt File Import

  Menu Path: Financial Management > Accounts Receivable > General Operations > Bank Receipt File Import

Sales Management

Quoting and managing sales orders enables the vital coordination of activities between your sales, site, shipping, and accounting groups.

You dictate whether to hold all companies in a single database, or each company in individual databases, where each company can have its own chart(s), currencies, and calendars.

Use the Quote Management and Order Management modules to capture orders and seamlessly integrate the information with supply chain, production, fulfillment, and accounting systems.

By streamlining the sales process—centralizing access to product, pricing, customer information - orders can be generated with a minimal number of steps. It automates and improves labor-intensive processes for quoting, proposal generation, configuration, and order entry. You can increase sales productivity by ensuring accuracy during the quote and order processes and identifying the right solution to meet your customers’ needs.

Important If your Customer Relationship Management (CRM) license is installed and functional, the Epicor application displays an alternate Main Menu than the one shown without CRM. With the CRM license, the Sales Management module is referred to as **Customer Relationship Management**.

Dealer Portal

In 10.2.300, a modern integrated Dealer Portal experience will be available for manufacturers that sell and service through a Dealer Network.

For the manufacturer, this solution allows you to:

- Simplify processing with a single portal to configure and price products and quote customers.
- Integrate and accelerate processes.
- Gain insights into end buyer behavior.
- Improve dealer ramp, recruitment, and retention.

For your dealers, this solution provides:

- One-click process makes buying easy.
- Errors reduction.
- Productivity increase.
- Encourage loyalty.

Dealer Portal offers a branded experience for two job roles at the dealer to interact with the manufacturer:

A sales person at a dealer can:

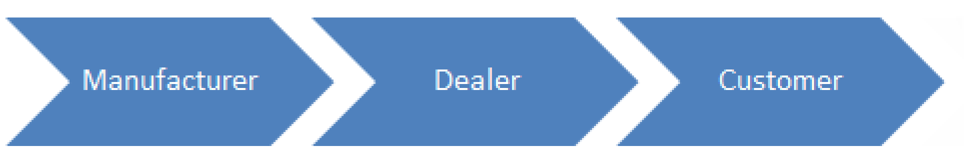
- Configure and price products.
- Create, review, and update quotes.
- Convert quotes to sales orders.
- Convert sales orders to build.

A service person at a dealer can:

- Review quotes and sales orders.
- Search inventory.
- Manage returns.
- Order spare parts.
- Manage customer warranty.
- Place service requests to manufacturers.

Note Dealer Portal can be used by manufacturers of any product sold and serviced through a dealer network.

General business flows include:

- 

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The Dealer Network License covers the following areas of the Epicor ERP application:

- AR Invoice Entry

- Case Entry
- Configurator
- Customer Entry
- Customer Shipment Entry
- Dynamic Attribute Class
- ID Number Assignments
- ID Numbers Maintenance
- Job Entry
- Location Ownership Transfer
- Opportunity/Quote Entry - Used for pre and post sales
- Part Maintenance
- Replacement Part Entry
- Sales Order Entry - Used for pre and post sales
- Site Configuration Control

Dealer Portal leverages the power of Epicor Commerce Connect (ECC) to bring a modern commerce experience to manufacturers. It is available as a separate product license. Please consult your Account Manager for further details.

Example A manufacturing company has a dealer network in which customers can purchase inventory direct from the dealer or place a custom order. The manufacturer needs to track ownership and warranty status as well as for dealers to track and transfer inventory between dealers.

- **Sales**
  1. End customer visit Dealer Showroom.
  2. Dealer logs in to store.
  3. Customer and Dealer walk through configuring an item.
- **Configure Item**
  1. Select a model.
  2. Choose options.
  3. Dealer creates quote.
- **Order**
  1. Customer accepts quote.
  2. Dealer places order.
  3. Order submitted to Manufacturing.

- **Fulfillment**
  1. Dealer receives the item.
  2. Dealer registers customer buyer.
  3. Dealer sets up customer warranty.
- **Service Request**
  1. Customer visits dealer for service request.
  2. Dealer handles customer service request.
  3. Dealer works with manufacturer for warranty repair work.
  4. Dealer orders spare parts.
- **Dealer View**
  1. Dealer can view inventory.
  2. Exchange inventory with other dealers.

Order Management

The **Order Management** module virtually drives the Enterprise Resource Planning (ERP) system. From the time you place an order, its progress is tracked through final shipment while producing timely reports on demand.

With Order Management, all orders and change orders are effectively managed online, reducing the chance for error and smoothing out the order-to-delivery process for maximum customer satisfaction.

Credit Card Processing - CRE Test Mode

The Test Mode provides a simple method for testing your Epicor Cloud Retail Environment (CRE) setup for processing credit card transactions. You can test credit card configuration before actually using it against your actual data.

To implement the test mode feature, the following programs were enhanced:

Credit Card Configuration

Use the **Test Mode** check box in the Credit Card Configuration program to activate test mode in the CRE gateway. For testing purposes, you can only use test processors that end with **test**, for example, **paypal_pfnvp_test**.

To generate CRE logs, select the **Enable Logs** check box.

Menu Path: Sales Management > Order Management > Setup > Credit Card Configuration

Sales Order Entry

When the Testing Mode is active, the Sales Order Entry program displays the **Credit Card is on Test Mode** warning message on saving credit sales orders.

Menu Path: Sales Management > Order Management > General Operations > Order Entry

Cash Receipt Entry

When the Testing Mode is enabled, the **Credit Card is on Test Mode** warning message displays in the Cash Receipt Entry program on saving cash receipts.

Menu Path: Financial Management > Accounts Receivable > General Operations > Cash Receipt Entry

Token Migration and Mass Void Authorizations

Use the **Enable Logs** check box to generate CRE logs. All calls made by the user interface to the server now automatically record within the log. If this check box is selected, it means that the tracing log is active.

Menu Path: System Management > Rebuild Processes > Finance > Token Migration and Void Authorizations

Credit Card Processing - Multi Currency

The multi currency solution allows you to process and settle transactions in local currencies via the Epicor Cloud Retail Environment (CRE) gateway. This enhancement supports your expansion into foreign markets in a cost effective manner.

Note This feature is only available if the Multi Currency license is installed.

To implement this feature, the following changes were made:

Credit Card Configuration

The Credit Card Configuration program is modified to include the following sheets:

- **Configuration** - Use this sheet to specify the parameters your company will use to connect to the Gateway.
- **Processor** - Use this sheet to enter credit card processors for each currency defined in the Currency Master Maintenance program and select a different bank account for each processor. A grid list enables you to review the list of all available processors.

You can only process credit card transactions in a currency other than the base currency if your credit card configuration uses the Epicor Cloud Retail Environment (CRE) gateway. Make sure the selected processor supports this currency; otherwise, this may result in incorrect credit charges. Additionally, if you are changing the CRE gateway to the Secure Data Manager (SDM) gateway, you need to remove the processors assigned to each foreign currency manually.

Currency Master Maintenance

Use the **Processor** field in the **Currency Master Maintenance** program to specify the credit card processor for each specific currency. All credit card transactions generated for this currency in **Sales Order Entry** or **Cash Receipt Entry** use the selected processor. Ensure to define the payment processor to be able to select the **Credit Card** check box in Sales Order Entry and Cash Receipt Entry.

Company Configuration

To enable users to define a different bank account for each payment processor used for credit card payments, the **Default Bank** field on the **Modules > Sales> Order** sheet is duplicated on the **Processors** sheet in the Credit Card Configuration program under the **Bank Account** name. The **Default Bank** field is moved from the **Credit Card Processing** group box to the adjacent group box in Company Configuration, as it is used in other projects, not related to credit card.

Credit Card Transactions Report

The Credit Card Transactions report includes the **Currency Code** column used to identify the currency for credit card transactions.

Token Migration and Void Authorizations

The **Target Partner Information** group box is removed from the Token Migration and Void Authorizations program, as the target payment processor is linked to the currency of each credit transaction and is currently defined in the Currency Master Maintenance program.

Order Entry - Clear Credit Card Order Check Box

Clear the Credit Card Order check box in Order Entry if the order should not be charged to a credit card.

Order Entry personnel need the ability to remove the Credit Card Order flag if a customer will no longer be using a credit card to pay for an order. For example, they may have failed their credit card authorization.

In **Order Entry**, you can clear the **Credit Card Order** check box in the **Header > Credit Card** sheet if there are no more open credit card authorizations pending for the order, they were voided or rejected, or if all Deposit/Sale transactions were successfully submitted for this order.

If an order has multiple authorizations, and at least one authorization has not been settled, you need to void each open authorization manually to be able to clear this check box.

Menu Path: Sales Management > Order Management > General Operations > Order Entry

Order Entry - Multi-Level Capable to Promise (CTP) for Kits

Use Capable to Promise (CTP) in Order Entry to perform multi-level CTP on manufactured parts within a kit.

Order Entry personnel need the ability to perform multi level capable to promise activities on kits in **Order Entry** so that multiple levels in a kit are considered when calculating CTP dates. You can also use CTP processing to initiate jobs to fulfill manufactured kit components.

If the **Multi Level CTP** check box is selected for a manufactured kit component in the **Part > Sites > Detail** sheet in **Part Maintenance** and the **Available to Promise** information indicates that there will not be sufficient quantity on hand to meet the requested date, an unfirm job is generated and scheduled to determine when quantity for the kit component could be available. If the **Multi Level CTP** check box for the kit component is clear, no job is generated, and Capability to Promise uses the manufacturing lead time for the part to determine when quantity could be available for the component.

Note You can only select the **Multi Level CTP** check box for parts with a type of **Manufactured**, not for the kit itself.

When you click **Confirm** in the **Capable to Promise** window for a kit, the CTP performs the following processes when it determines that there is not enough supply of a manufactured kit component to fulfill the kit on the order release.

1. If the **Multi Level CTP** check box for the kit component is selected, there is insufficient stock available and the kit component quantity needs to be manufactured, the following processing takes place when you click the **Confirm** button, based on the setting of the **Make To Stock** field in the **Site Configuration Control > Modules > Inventory > General > Detail** sheet:
   - If set to **Create Firm Job**, a firm Make to Stock CTP job is created for the outstanding unfilled amount (for the difference between the ordered quantity and the amount available for fulfilling the demand). The **Completion Date** is set as the date that the Scheduling engine calculates for the number of pieces being manufactured.
   - If set to **Create Unfirm Job**, an unfirm Make to Stock CTP job is created for the outstanding unfilled amount (for the difference between the ordered quantity and the amount available for fulfilling the demand). The **Completion Date** is set as the date that the Scheduling engine calculates for the number of pieces being manufactured.
   - If set to **No Job**, no job is created.

Note When jobs are created for kit components through the CTP process, a job is created for each manufactured kit component that has the **Multi Level CTP** check box selected and has insufficient supply to fulfill the order. For example, if a kit contains three manufactured items that have the Multi Level CTP check box selected and do not have sufficient supply, the CTP process creates three jobs, one for each kit component that must be manufactured to complete the kit and fulfill the order.

2. If insufficient stock is available and the part quantity needs to be manufactured, the **Multi Level CTP** check box is cleared, a job is not created; the part **Manufacturing Lead Time** and **Receive Time** settings are used to determine the day that it can be available.

Sales Kits Details

Use the **Sales Kits Details** context menu option in the **Capable to Promise** window to display CTP details for each kit component. To access **Sales Kits Details** from the **Capable to Promise** window, right-click the **Source** column of the kit in the **Order Lines** grid and click **Open With > Sales Kits Details**.

Use the arrows beside the **Kit Component Line** field to navigate through the different component lines in the kit. The **Kit Component Details** pane displays CTP details for the kit component such as the source for the CTP and the calculated completion date for the component. If an error occurs during the CTP process, the error text also displays.

Menu Path: Sales Management > Order Management > General Operations > Order Entry

Configurator Management

The Configurator process allows for on-the-fly configuration of highly customizable and dimensional products. You can configure products through a straightforward question and answer evaluation or by Smart Strings entries (intelligent part numbers) that identify a particular item configuration.

You can launch a Configurator page from within **Opportunity/Quote Entry**, **Order Entry**, **Job Entry**, **Purchase Order Entry**, **Demand Entry** or the **Epicor Commerce Connect Web Basket**. This application is web-enabled, and is also available to disconnected users employing Mobile Connect.

The configuration process is centered around the **Configurator Designer**. This single program is used to fully set up the required configuration, including method rules, document rules, pricing rules, part creation, dynamic lists, and so on.

Configurator Designer functions are divided among the following entry programs:

- Configurator Entry
- Configurator Designer
- Configurator Rule Entry

There are two main reasons for dividing the Configurator Designer into three different programs:

- **Performance** - Having fewer functionality panels in three single entry programs improves the performance.
- **Ease of Use** - With three different entry programs, you can go directly to the functionality you require. For instance, splitting off Configurator Entry and Configurator Rule Entry provides you with **more** space to set up the configurator functions and **less** sheets to navigate through. It also allows you to have a different user interface (UI) concept, with most functions included in the **Property** section of the Configurator Designer.

Image Layering Entry

Use **Image Layering Entry** to define image layer definitions (transparent images). Image layer definitions are used by the **Configurator Designer** to know which layers are applied during a configuration session, so the input displays in the same way as it did when originally configured and a desired image outcome is achieved.

The following rules apply:

- You can tie each base image to multiple transparent images (Image Layer IDs).
- Transparent images being used for the base image must be of the same size. Improperly defined image layers result in an inaccurate final image.
- You must create one transparent image for each permutation of options.

  Example If the item being processed includes ten options and each option includes twenty five color possibilities then you must provide the base picture and two hundred and fifty transparent images for each of the options.

- You are fully responsible for managing images and must ensure that all the **urls** are valid and the images exist in the specified location. You must also maintain urls. The images are stored either in a content delivery network (CDN) or a file system.
- When you add an image layer definition in **Configurator Designer** using the Layered Image input (Toolbox), you can manually type the required **Image Layer ID** in the **Input Properties** pane to validate the base image found in the directory specified on the image layer header in **Image Layering Entry**. You can also search for and select the required Image Layer ID by using the ellipse button located on the **Configurator Designer > Input Properties > Behavior > Image Layer ID** line.

  Note You can only enter and save approved Image Layer IDs.

- Image layering is not supported by Epicor Web Access (EWA).
- You can use the **Where Used** actions command to generate a list of configurators that a specific Image Layer record is used on.

  Example If you modify an image layer definition using Image Layering Entry, for example, add another image layer detail, and the image layer ID is tied to three different configurators, use the **Where Used** functionality to review a list of configurator records as well as select the ones that you want to tie to this modification.

  Important You can only select configurators with an unapproved status.

  Note Once you select the required configurator(s) and apply the modification made to an image layer record, execute the **Where Used > Actions > Rebuild Configuration Image Layer Details** command.

- Use the **Configurator Designer > Actions > Refresh Input Image Layer Details** to refresh Layered Image input(s) located on your page.

  Example If you modify two image layer definitions using Image Layering Entry - for example add another image layer detail - and the image layer IDs are tied to two different Layered Image inputs on the same configurator, use **Refresh Input Image Layer Details** to review a list of Layered Image inputs and only select/update the ones that you want this modification to apply to.

  Important To execute Refresh Input Image Layer Details, you must first unapprove the configurator.

Important If you modify an Image Layer ID record defined in Image Layering Entry and the Image Layer ID is used on a configurator (Layered Image Input) that was already used, for instance, on a quote or sales order, a notification message is automatically generated in a log created by the **Verify Existing Configurations** process. The log informs you about the change in versions, since you have made a modification to the Image Layer ID record that was previously used during the configuration process.

Important If the configurator page includes the Layered Image input control, you cannot deploy the configurator to Epicor Web Access (EWA).

Note If a configurator that you are importing via Configurator Entry includes a Layered Image input, it will import only if a valid Image Layer ID exists. If it does not, the Layered Image input won't import and you will be notified by a message. Therefore, the imported configurator won't include the Layered Image.

Note The Image Layering Entry program is only available if you install the Epicor Configurator 10.2.300 license.

Menu Path: Sales Management > Configurator Management > Setup > Image Layering

Picture Box - Input Rules

The **Configurator Designer > Design > Page Designer > Input Properties** pane includes the **Input Rules** option used to launch Input Rules Maintenance, where you define input rules that automatically change the value of an input based upon the value entered in another input without having to write C-Sharp (C#) code.

Business Scenario

Based on the option selected in a **Combo Box** input you want to automatically change an image included on a **Configurator Page** without defining an **Input On Field Validating** event .

Example A configurator page includes a Combo Box input with three different options. The page also includes a **Picture Box** input. When you select an option in the Combo Box input, the Picture Box automatically refreshes with the images that are mapped to the selected option.

The following rules apply to the Input Rules defined for the Picture Box input control:

- In a multi-company environment, a Picture Box input control with defined Input Rules in a Manufacturing Company is moved to a Sales Company using the **Enterprise Configurator Direct Server Process**.
- Using the **Part Maintenance > Actions > Duplicate** command, if you duplicate a part that carries a configurator and the configurator includes a Picture Box input control with defined Input Rules, the Picture Box/Input Rules are copied to the new part/configurator.
- Using the **Configurator Entry > Actions > Duplicate Configuration** command, if you duplicate a configurator that carries a Picture Box input control with defined Input Rules, the Picture Box/Input Rules are copied to the new configurator.
- You cannot delete the Picture Box input if it is tied to an input rule.
- Input Rules for Picture Box is available to all who currently hold the Product Configurator license.

Menu Path: Sales Management > Configurator Management > General Operations > Configurator Designer

Epicor Web Configurator

You can mark configurators as **Epicor Web Configurator** (EWC) and deploy them to Epicor Web.

When you enter a configurator record and set it to EWC, all **Client** processing is moved to the web and the existing **Server** side logic remains in the Epicor ERP application. For example, if you launch the EWC configurator from within a sales order, you open an iFrame and hand off control to the EWC team. The EWC team will deal with any Client side events and make the appropriate calls to the server for Keep When rules, part swaps, and Server side User Defined (UD)/Lookup Methods. When all is complete, they will call into the Configuration Runtime service method to save the configuration. The EWC configurators have the ability to apply CSS so your configurators include a more modern look.

Setting configurators to EWC enables you to use the TypeScript open source programming language that supports the Kinetic technology used by EWC configurators. You enter TypeScript expressions in the Code Editor as well Configurator User Defined Methods Maintenance that includes the **TypeScript** sheet. Use the sheet to create an expression for a desired user defined method.

In this release, Epicor Web Configurator will support a limited set of UI features. More UI features will be made available in subsequent releases.

Note You can also enter TypeScript expressions for **Dynamic Lists** (Configurator Designer).

Note To use Epicor Web configurators you must install the Epicor Configurator 10.2.300 license.

Menu Path: Sales Management > Configurator Management > General Operations > Configurator User Defined Method Maintenance

Allow Recycling of MRP Jobs

You can recycle jobs that include configurable parts.

The Configurator Entry > Detail sheet includes the **Allow Recycling of MRP Jobs** check box that controls whether Process MRP should recycle jobs that include configurations.

Note You cannot recycle all the jobs that carry configurations error free. For example, only select this check box for configurations that are good candidates for recycling. The good candidates include:

- Configurations that don't include Method and Document rules.
- If configurations include Method rules and the Method rules only use Input Values.

Note Try to avoid selecting this check box for configurations with Method rules that use outside data to control important values in Bill of Materials (BOM). The outside data is anything that is not an Input Value or logic User Defined Function related. For example, if the User Defined Function uses outside data to calculate a return value that impacts the BOM then the application does not track it and therefore the configuration would not be a good candidate for recycling.

Customer Relationship Management

Customer Relationship Management (CRM) is equipped with the tools you need to find more prospects and quickly convert them to satisfied customers. Your sales people can manage the complete prospect-to-customer life cycle, give accurate revenue forecasts to management and automate many administrative tasks.

With CRM you can manage and analyze the effectiveness of marketing campaigns and events. Marketers can pinpoint targets, capture highly qualified leads, and perform cost/benefit and return on investment (ROI) analyses on promotional activities. The campaign manager can track the number of leads, opportunities, orders, and costs per campaign. Once you have the lead, the CRM functionality helps manage the entire sales process more effectively, with features such as workflow and forecasting.

Important If your Customer Relationship Management (CRM) license is installed, the Epicor application displays an alternate Main Menu than the one shown without CRM. With the CRM license, the functionalities that correspond to the Customer Relationship Management folder are found under the **Sales and Marketing Management** folder.

10.2.300 Feature Highlights

Contacts can be shared across the Epicor application. For example, a payroll employee can now be added as an authorized user for a buyer records reducing time and ensuring consistency You can share contacts between the following records:

- shop employees (Shop Employee Maintenance)
- payroll employees (Payroll Employee Maintenance)
- workforce people (Workforce Maintenance)
- buyers (Buyer Maintenance)
- supplier contacts (Supplier Maintenance)
- purchase point contacts (Supplier Maintenance)
- customer contacts (Customer Maintenance)

Tracker Transaction History Range

Use the **Number of Days** field in **Company Configuration** to set the default number of days of history to retrieve when retrieving transactions in trackers. Use **Actions > Transaction History Range** in **Customer Tracker** to override the default number of days of transaction history to retrieve when retrieving transactions.

If your company has large amounts of transactional data, defining a transaction history range allows you to limit the number of transactions you retrieve. In Customer Tracker, you can define the number of days prior to the current day to display when you retrieve transactions.

For example, if you select to view transaction history for 10 days, only transactions that have a date of today minus 10 days are retrieved. Any transactions outside the range are not retrieved.

In **Company Configuration**, you can determine the default number of days to retrieve in all trackers.

In the **Customer Tracker**, you can use the **Transaction History Range** action to override the default setting in Company Configuration and set a specific history range filter for the **Customer Tracker**.

The transaction history range filter affects transactions you retrieve by selecting **Retrieve Transactions** or **Auto Retrieve Transactions** from the **Actions** menu. It also affects transactions you retrieve by navigating to the **Transaction** sheet and clicking the **Retrieve** button.

This feature covers the following areas in Epicor ERP application:

- **Company Configuration** - A **Number of Days** field was added to the **Modules > All Modules > General** sheet to define the default Number of Days when you retrieve transactions in trackers.

  Menu Path: System Setup > Company > Site Maintenance > Company Configuration

- **Customer Tracker** - A **Transaction History Range** window was added to the **Actions** menu to define the history range when you retrieve transactions. The window has the following fields:

  - **Number of Days** - Specifies the number of days before the current day to display when you retrieve transactions in the tracker.

    Note If the value in this field is **0**, there are no date range restrictions when you retrieve transactions.

  - **Save Setting** - If selected, the tracker uses this **Number of Days** value each time transactions are retrieved in the **Customer Tracker**

  Menu Path: Material Management > Purchase Management > General Operations > Customer Tracker

Production Management

The Epicor suite of production management applications, comprised of Job Management, Scheduling, Material Requirements Planning, and Quality Assurance, uses sophisticated technologies to model your best practices and empowers your personnel to make decisions that result in optimization of your production process.

Whether you are a global, multi-site enterprise or a single-site manufacturer, the fundamental need for precise and flexible planning and scheduling is an ever present requirement for your business. Specific functionality like consolidated purchasing, transfer functionality, and consolidated financials helps global enterprises manage the complexity of their size and take advantage of the efficiencies that smaller organizations enjoy.

Manufacturing Execution System (MES)

MES Menu Security

When you define access for security roles in **Handheld / MES Menu Security Maintenance**, those settings impact what programs an employee can access in the MES Menu. You can use the MES Menu Security Report to display the menu items and/or employees associated with employee roles and PCID options.

System administrators need to be able to customize security for MES menu items based on employee roles.

MES Menu Security functionality covers the following areas of the Epicor application:

- **MES Menu** - Employees have access to options based on the security roles assigned to the employee in **Employee Maintenance** and the employee roles selected for different menu items in **Handheld / MES Security Maintenance**. If a menu item has an employee role selected in **Handheld / MES Security Maintenance**, all employees that have the employee role selected in **Employee Maintenance** have access to the menu item. All employees that do not have the check box selected in **Employee Maintenance** do not have access to the menu item.

  Example Daniel Lahey is selected as a shop supervisor in **Employee Maintenance**. Joan Davis is not selected as a shop supervisor in **Employee Maintenance**. In **Handheld / MES Menu Security Maintenance**, only shop supervisors have access to the **Return Salvage Request** program. David Martin has access to the **Return Salvage Request** and Juan Miranda does not have access to the **Return Salvage Request** program.

  For programs that appear on more than one panel in the MES menu, if an employee role has access to the program, employees with the employee role have access to the program on all panels where it appears.

  Note **Count Entry** appears on the MES Menu on both the **Production** and **Material** panels. In **Handheld / MES Security Maintenance**, **Production Worker** and **Material Handler** employee roles have access to the program. Joseph Graciano is a production worker but is not a material handler. When he logs onto the MES Menu, the **Count Entry** button is enabled on both the **Production** and **Material** panels.

  Note If no security role is selected for a menu or menu item in **Handheld / MES Security Maintenance**, NO users have access to that menu or menu item.

- **MES Menu Security Report** - Displays the menu items and/or employees associated with employee roles and PCID options. You can select to include employees and/or menu items associated with selected employee roles and PCID options. By default, all employee roles and package control options are selected.

Employee roles and package control options are selected for employees in **Employee Maintenance**. Employee roles and package control options are selected for menu items in **Handheld / MES Menu Security Maintenance**. You can filter the report by the employee or by menu ID.

Note If no employee role or package control option is selected, you receive an error message when you try to run the report.

Menu Path: System Setup > Security Maintenance > MES Menu Security Report

Job Management

Job Management is a comprehensive manufacturing control solution, designed specifically for the routing, scheduling, costing, and tracking of either custom or repetitive parts manufactured on the shop floor.

Job Entry for a repeat part takes minimal effort. Analysis tools provide the quick and accurate reference necessary for re-quoting a part or identifying the types of work at which your company is most profitable.

Return Goods Repair

Job Entry includes the **Return Goods Repair** pane used to specify that a job needs to be shipped directly from WIP through **Miscellaneous Shipment Entry** when you close the job. The Return Goods Repair pane is located on the **Job Entry > Job > Make To Stock > Detail** sheet.

The pane includes the **RMA Line**, **RMA Number**, **DMR Number**, **DMR Action Number** fields used to review if a job is tied to an RMA or DMR records via the **RMA Disposition Entry** and **DMR Processing** programs. The fields are for display only.

The pane also includes the **Misc Shipment from WIP** check box. Depending on whether you select the check box, you can synchronize a job with an RMA Disposition or DMR Number.

The following rules apply if you select the Misc Shipment from WIP check box:

- The Epicor ERP application automatically creates a Miscellaneous Shipment Pack ID with RMA Disposition information upon job closing or DMR information upon using the Return To Customer functionality.

  Note The Ship To, Part Number, and Quantity are retrieved from the linked RMA Disposition or DMR records.

- If the miscellaneous shipment has been changed to a status different than Open (Closed, Freight, Staged, Shipped) you cannot reopen a closed job. If you reopen the closed job that carries the Open status, the linked miscellaneous shipment Pack ID is automatically deleted. If the part carries serial numbers, the serial numbers acquire the original status.
- If you don't link an RMA Disposition or DMR records, information is retrieved from job's demand link (Make to Stock) upon job closing.

  Note The Ship To is the job number and Part Number with the required quantity is retrieved from job's demand link.

- You won't be able to receive completed items to inventory or job. The Miscellaneous Shipment is automatically created upon job closing.
- You can add a Make to Stock demand link for parts on the fly and select the Misc Shipment from WIP check box.
- In RMA Disposition Entry, if you attempt to dispose of items using the Job option, the RMA/Line fields located on the Job Entry > Job > Make To Stock > Detail sheet automatically update.
- In DMR Processing, if you add Return To Customer on a DMR record, the DMR/Action fields located on the Job Entry > Job > Make To Stock > Detail sheet automatically update.

- If a job with Misc Shipment from WIP already exists and is linked to a different DMR Action or RMA Disposition, the **Job already has WIP to Misc Shipment demand linked to another DMR Action or RMA Disposition** message displays.
- If you delete RMA Disposition the value in the RMA Line and RMA Number fields clear.

  Important You cannot delete RMA Disposition that is linked to a closed job.

- You won't be able to receive job to inventory or report quantity via MES.

  Important Jobs that include multiple Make To Stock lines can be received to inventory or quantity reported via MES only if one of those lines is not marked as Misc Shipment from WIP. If all the Make To Stock lines are marked as Misc Shipment from WIP jobs cannot be received or quantity reported.

- You cannot link multiple RMAs/DMRs to the same job. If you do so, the **RMA will not be fully linked to Job demand link. Sync Job anyway?** message displays.
- You cannot select this check box if you add a co-part. If you attempt to add a co-part while this check box is selected, an error message displays.

The following rules apply if you clear the Misc Shipment from WIP check box:

- If you Save after clearing the check box, the RMA and DMR related fields automatically clear.

Menu Path: Production Management > Job Management > General Operations > Job Entry

Quality Assurance

The Quality Assurance module ties together all quality functions, whether it is scrapping end parts, rejecting raw materials, or tracking first article inspections.

Inspectors have queues of items to inspect with full disposition and corrective action follow-up. Shop floor employees can indicate parts are non-conformant, which moves them into an inspection queue. Parts that fail inspection may be selected for review by a material review board.

Return To Customer

Using DMR Processing you can return items to a customer

When you execute the Return To Customer for the failed material quantity on a DMR record, the application automatically creates a Miscellaneous Shipment Pack ID and DMR-SHP transaction type.

- If the status of the miscellaneous shipment is Open, this quantity will be added to the current quantity in the open miscellaneous shipment line.
- If the miscellaneous shipment has a status different than Open (Closed, Freight, Staged, Shipped), a new miscellaneous shipment will be automatically created for this quantity.

Review the DMR-SHP transaction using the Part Transaction History Tracker.

The following rules apply:

- If a DMR record is not linked to an RMA record, you cannot execute Return to Customer. The **New > Accept - Return To Customer** option is inactive.
- You cannot execute Return to Customer for closed DMR records.
- You can execute Return to Customer for parts on the fly.
- You cannot delete an accepted line. If you attempt to delete it, the 'Deletion of accepted lines (Stock, Material, Operation or Return to Customer) not allowed.' warning message displays.
- You can execute Return to Customer for parts that are serial and lot tracked.

- When a miscellaneous shipment Pack ID is automatically created

Note If a part on a DMR record includes serial number(s) and you execute Return To Customer, the serial number(s) move to the automatically created miscellaneous shipment Pack ID.

Note You can review the Return To Customer information in the DMR Processing Tracker.

Menu Path: Production Management > Quality Assurance > General Operations > DMR Processing

Material Requirements Planning

Use the Material Requirements Planning (MRP) tools to both estimate potential demand and propose the supply that answers this demand.

The MRP tools do this by generating job, purchase, and transfer order suggestions. MRP is designed primarily for companies that manufacture make to stock quantities or for mixed-mode manufacturers that run both custom and stock products. By using MRP, you can anticipate the future demand for your products and ensure materials are in the right place at the right time.

Process MRP - Logging Type

Process MRP includes the Logging Type field where you can specify a logging type used during each MRP run.

Depending on the option you select in this field, the application will overwrite, add a date/time or content to log files during each run. The field includes the following options:

- **Append** - Adds content at the end of the log files.
- **Overwrite** - Overwrites the log files during each run.

  Note This is a default option.

- **Split** - Adds a date and time in the filename to create separate log files for each run.

Menu Path: Production Management > Material Requirements Planning > General Operations > Process MRP

System Management

Use this area of functionality to maintain system-wide maintenance information. Examples of maintenance areas include custom field maps, database records, menus, process calling, report data, report styles, sub process menus, system agent and system monitor applications.

SQL Security Error Reporting

Changes have been made in possible error messages content, if the error is caused by security reasons.

Now no details that may reveal SQL server internals are displayed to an end user, when a query executes. User only gets an invalid SQL statement, rest of details can be extracted from app server log only.

System Monitor Reports

The **System Monitor** sheets have been rearranged to get a more organized and more detailed display of report information.

The **History Tasks** sheet includes the following sheets:

- **Task Detail** - Use this sheet to view task details for forms, processes and reports. For each task, information, such as the task name and description, the task start and end times, the user who created the task and the task status display.
- **Report Detail** - Use this sheet to review the details of the report or the report partition related to the task currently selected in the Task Detail sheet.
- **Report/Task Logs** - Use this sheet to review the status of a task and any error messages that occur.

Once you submit a report for generation, the system monitor displays the submitted report on the **Task Detail** sheet. Select the report instance from this sheet and go to the **Report Detail** sheet to view report details. If an issue causes an error message to display, use the **Report/Task Logs** sheet to view a comprehensive listing of error messages related to the selected report.

In-App Notifications

Epicor Cloud ERP enables In-App messaging for ERP application users. In-App messages are notifications displayed while you are active within the ERP application itself. Use In-App notifications to get alerts about new features, sales, training events, and more to stay informed about what is happening in Epicor.

Note Available only in Epicor Cloud ERP environment. This feature is expected to gradually roll out to Epicor cloud users.

You can choose which kind of notifications you'd like to receive:

- Sales
- Offers
- Product Upgrades
- New Features
- Release Notes
- Training Events
- Training Videos
- Knowledge on Demand Videos

In addition to specifying the types of notifications you want to receive, you can also set up the application to receive unique notifications depending on your role in organization. With role-based notifications, marketing and salespeople, for example, will only see sales-related content. Launch the **System Monitor** and use the **Actions > Notifications Preferences** option to select your role and types of notifications you want to receive. To display the list of all received notifications, click **Actions > Open Notifications**.

In-App notifications are an excellent way to engage you with helpful information in real-time. They serve as product teams' primary form of communication.

System Setup

The System Setup module is important for setting up system-wide information, such as company, security configuration, integration with external systems and other system level tasks.

Epicor Commerce Connect

Epicor Commerce Connect (ECC) is an eCommerce connector and toolset developed, implemented, and supported by Epicor. It is a cross-brand solution that supports advanced B2C, B2B or B2B2C online commerce requirements, and is integrated to multiple Epicor ERP platforms. ECC enables you to streamline, optimize and maximize your business' potential, increase your Web presence and help drive new business—both from your existing customers and from new, untapped business opportunities and sales channels.

With ECC, you can manage customers, merchandise, inventory, order history—basically the entire order life cycle. Together with Epicor ERP, it enables you to effectively manage the entire customer experience. You no longer need to have two separate systems to accept wholesale and consumer orders.

Product information tiered pricing, customers and inventory levels can be displayed directly from your production ERP database. Orders can be submitted and processed immediately, allowing the customer to use their terms or credit card for purchase. Epicor Commerce Connect also provides deep integration with your order fulfillment process and makes it available to your customers online. At the time of requesting a quote or placing an order, customers will be able to select the available shipping methods and determine their freight cost. Once the orders are placed, online tracking allows them to see when their product was shipped and lets them track the shipment through the carrier.

Upload Part Image to Epicor Commerce Connect

Web part images can now be sent to ECC in the STK Upload message. When this is done, a Cron task syncs the parts. If a SYN request includes an <images> tag, it triggers the necessary FREQ request to obtain the part images from ERP and upload them to ECC.

Part images for web-enabled parts are maintained in ERP and are synchronized between ERP and Epicor Commerce Connect.

To synchronize a part image with ECC, the following information must be true:

- In the ECC Admin site, the Data Type for the FREQ File Request must be set to **Data**.
- In **Part Maintenance**, the **Web Saleable** check box must be selected for each part to synchronize.
- In **Part Maintenance**, an image file must be selected in the **Attributes** sheet.

Use the **Parts** sheet in **ECC Customer/Consumer Synchronization** to initiate the synchronization process. You can run the process manually, run it automatically on a schedule or set it to continuous processing.

To view an image uploaded to Epicor Commerce Connect, click **Catalog > Manage Product** and locate the product by SKU. The images display on the left side menu.

Note The part image synchronizes if a web-enabled part is added or the part file name is changed.

Menu Maintenance - Copy Security to Current Company

This new action in Menu Maintenance facilitates the process of setting up security for menu items.

You can now use this action to copy system security types and activate them in your current company.

For cloud and on premise users of the Epicor ERP the system security records are disabled. This action menu option copies the system security record to a new security record within owning company and enables its editing.

Framework and Tools

The following section contains a list of features released with the Epicor ICE platform. If you are upgrading from a previous version, review this information to learn about the features added through this major version.

Epicor Administration Console

The Epicor Administration Console provides the ability to manage multiple Epicor server installations on multiple physical servers from a single interface.

Epicor Administration Console can be installed on one or more computers and enables you to manage:

- Application databases
- Application servers
- Enterprise Search servers

Important This topic or section describes functionality or uses a process that is only available to on-premise ERP installations.

FIPS 140-2 Encryption

Epicor ERP 10 now supports Federal Information Processing Standards (FIPS) 140-2 compliant encryption to meet the security requirements of the customers operating under the International Traffic in Arms Regulation (ITAR). FIPS encryption can be activated either on the operating system level in Windows Local Security Policy management console or on the application level in Epicor Administration Console.

Important The customers, who are upgrading to Epicor ERP version 10.2.300 and want to use FIPS encryption, need to request a new license compatible with FIPS restrictions mode and install it BEFORE installing the upgrade.

Multiple EDD Sites

The Epicor Administration Console provides the ability to manage multiple Epicor Data Discovery instances on a single application server.

Use the **Extensions > Data Discovery** sheet in the Administration Console to install multiple Data Discovery sites.

Epicor Enterprise Search

Enterprise Search is a search application you use to retrieve indexed content from within your Epicor application. You can search for any record within the Epicor database - like a part, customer, purchase order, AR invoice, and so on. You can also search for text found in any record within the Epicor database. All the records within the Epicor database that use this record in which this text is found display within the search results.

Other search programs within the Epicor application are limited to querying records for a specific record type; for example, you need to launch Job Search in order to find and select job records. Through Enterprise Search, however, you can find all the places within your Epicor database that reference a specific search item, and then use links within the search results to display the search item you want within the application program you need.

Data is indexed using a series of delivered Business Activity Queries (BAQs) that provide a starting point for the primary data available when you first install the application. You can, however, extend this functionality by adding user-defined BAQs into the indexing service.

ES Command Line Tool - Create Search Index

The ES command line tool allows you to create a new search index for the Enterprise Search. Search indexes are the catalogs of application data on which Enterprise Search performs its searches.

Use the following commands to create and build new search indexes:

- `C:\Program Files (x86)\Common Files\Epicor Software Corporation\Epicor Enterprise Search>` **`ESCmd /CreateIndex`**
- `C:\Program Files (x86)\Common Files\Epicor Software Corporation\Epicor Enterprise Search>` **`ESCmd /BuildIndex /s={IndexName}`**

To delete an index, use:

- `C:\Program Files (x86)\Common Files\Epicor Software Corporation\Epicor Enterprise Search>` **`ESCmd /DeleteIndex /s={IndexName}`**

Epicor Data Analytics

Epicor Data Analytics (EDA) is an easy-to-use service that takes a unique, intuitive approach to lead you on a journey of discovery through large data sets contained in your data warehouse.

EDA is fully integrated with Epicor 10 and uses data to help you understand your business better, with function-specific content packs that provide a dashboard with deep integration into a specific set of Epicor 10 data - sales, purchasing, inventory, general ledger, accounts payable, accounts receivable and more.

EDA provides customizable and interactive dashboards to make it easy to analyze the data inside your business systems. The dashboards contain visual KPIs, graphs, charts, and tables, so you can quickly review important information about your business performance and make informed strategic decisions.

Sales Management Content Pack - CRM Quote Pipeline DB

The CRM Quote Pipeline database allows you to analyze the success of quote to order conversions, wins, losses, and quotes status. It helps you to better understand your company's sales and enables you to make informed decisions that will improve your sales process and grow your business.

Materials Management Content Pack - Enhanced Inventory DB

The inventory databases are enhanced to include monthly snapshot of the inventory information, MRP data, and Sales data.

Inventory Snapshots

Use the EDA new snapshot to create the monthly snapshot of the inventory information.

MRP Data

This MRP information allows you to determine inventory levels based on actual information in the system or suggested information based on the MRP system. Use the following measures to review the demand and receipt information on parts:

- Measure 1
- Measure 2

Sales Data

The following sales measures were added to the inventory databases:

- Extended Price
- Total Cost
- Net Sales
- Gross Margin

The Sales information allows for more efficient monitoring of how certain items are performing and improve inventory control.

Finance Management Content Pack - Financial Statements DB

Use **Financial Statements** database to produce **P&L Statement**, **Balance Sheet**, **Cash Flow**, and **Trial Balance** views. Available on the Finance Pack solution, the database displays consolidated financial statements in an accounting format and integrating account-based streams with the usual EDA analysis tools.

Every new Financial Statements database opens with a template to get you started with the data loading and mapping process. It comes with placeholders for streams, dimensions and properties.

Important The Financial Statements database requires certain streams, dimensions and properties for financial statements to display correctly. Your data needs to fit into the usual accounting categories and classifications, such as IAS 1.

This solution requires you to manually map accounting categories and classifications in an Excel sheet when creating the Financial Statements database.

Epicor Data Discovery

Epicor Data Discovery (EDD) is a Business Intelligence solution intended to provide an extremely easy to use sense-making, data exploration, data visualization experience. EDD is a major component of the overall Epicor Data Platform which encompasses a broad set of capabilities for managing, accessing, sharing, cleansing, visualizing, and extracting insights from data created by or related to Epicor created data.

Command Line EDD

Use the Setup Environment command line tool to add the Epicor Data Discovery extension for use with each application server.

To install Epicor Data Discovery, you need to launch the **SetupEnvironmentUI.exe** tool with a configuration file. This configuration file can contain one or multiple tasks that you wish to run. You can install, update and delete Epicor Data Discovery instances using this tool.

For information on how to install the EDD through a command line, review the **Command Line Tools Guide**. This guide available in the application help:

- System Management > Working with System Management > Command Line Tools Guide

Data Discovery Dashboards

A Data Discovery Dashboard is a collection of several views, that enables you to compare a variety of data simultaneously. If you have a set of views that you use daily, you can create a dashboard that displays all the views at once, rather than navigate to separate views.

The visualizations on a dashboard include Discovery Chart Views and Discovery KPI Views.

When you create a dashboard, you have many options for changing the look and default behavior of the views on that dashboard. You can resize and rearrange views, add filters which run in addition to any filters that already exist in the view, and use shared dimensions.

Like views, you access dashboards from the Home Page. Use the Application Bar to switch between Discovery View and Dashboard View.

Dashboards are secure and comply with the user security settings and restrictions.

EDD Advanced Edition

EDD Advanced allows you to dig deeper into data and find options you may have otherwise missed, such as standalone deployment and security.

The key features include:

- User security is independent of the ERP solution in the EDD Advanced version. Epicor Data Discovery can be deployed in standalone AD integrated security modes without the need for a backing ERP system, so that users without ERP credentials can use the system. If EDD is connected to an ERP system, the user is also able to log in with the ERP's active mechanism.

  You set up an Azure Active Directory Authentication or Local AD Authentication while you install Epicor Data Discovery via a standalone installer. For more information, refer to the Epicor ERP Installation Guide.

  Use the **Administration > Standalone Authentication** setting to verify if Epicor Data Discovery uses either Azure Active Directory or Local Active Directory for authentication.

- Administrators can create data level restrictions which restrict users or roles to filter on a particular dimension member list, such as a list of sales territories.

  Example You are an administrator and you want to restrict users in the Northwest Salespeople role to view sales that are only in their own sales territory. To do this, you add a security rule by selecting a dimension (sales territory), then selecting a list of dimension members (North West Territory), and then associating that with an individual user or role. Then whenever a user in that role uses the datasource with the restriction, a filter is added to their query automatically, which forces them to filter to this member only.

  Use the **Administration > Data Security Management** setting to create data security rules.

- Administrators can limit users' capability to print and export data discovery views by using the **Print** claim and **Export Data as CSV** claim on the **Administration > Role > Edit Role** page.

Misc Installation, UX

Multiple enhancements were implemented in Epicor Data Discovery to improve user experience.

- **Data Source Selection** - When you create a new view, the enhanced data source selection process enables you to select the necessary data sources more quickly and easily by using the **Search** option on the **Select Data Source** dialog box. You no longer need to wait for the data source to load the full list of sources. Better data source organization allows you to pick the BAQ or cube you want to use as you type its name in the search field. The search results display the name of the data source and the server where the data source is installed.
- **System Views Redeployment** - Use the **Redeploy System View** action in the **Administration > Data Sources** window to reload system views if they were not deployed correctly during the installation or upgrade process.

10.2.300 Feature Highlights

Epicor Web Access

The Epicor Web Access displays programs as web forms within a browser window and is a significant part of the Epicor Everywhere™ Framework.

These forms are generated from Epicor ERP programs. Because of this, the appearance and functionality of the Epicor Web Access forms is nearly identical to the Epicor smart client programs, but do not require the installation of the Epicor client. You can run Epicor Web Access programs on multiple operating systems and on multiple devices including handheld devices.

Routing Rules in EWA Reporting Forms

Use the **Routing** check box on the Epicor Web Access reporting forms to enable or disable advanced print routing when submitting reports from Epicor Web Access.

A routing rule determines how the report output generates, prints, and distributes. Routing rules help you streamline reporting for specific business needs. They can be simple rules that define an alternate report style users run when they need to print a report using a unique format, or complex rules that divide, or break, the report run into multiple dataset partitions which they can link to separate rendering workflows for generating, printing, previewing, and sending the report output. Even though the report and data generation process only runs once, you can render multiple reports from this data based on audiences, business requirements, and other factors.

EWA Https Support

Starting with Epicor ERP 10.2.300, Epicor Web Access only supports secure connections using the **https** scheme.

Example https://<ServerName>/ERP102300-EWA/

Report Tools

Advanced Print Routing

Several enhancements have been introduced for Advanced Print Routing (APR).

Routing Confirmation Message

To help ensure against accidental execution of Advanced Print Routing actions, when you click the **Print Preview**, **Print**, **Email**, or **Generate** button on the report, the **Routing Enabled** dialog box displays. Select the **Do not show this message again** check box if you want to turn off the confirmation message. To re-enable the message, go to **Tools > Options > Dialogs** and on the **Printing** sheet, select the **Confirm When Advanced Print Routing is enabled** check box.

Routing to Multiple Email Addresses

When you add the e-mail routing action to a workflow, the routing rule then sends this e-mail to the multiple users you defined on the e-mail template.

Example You are an account controller, and on printing an AR Invoice report, you would like to automatically send the AR invoice email not only to the primary billing contact for the customer, but to all contacts on the customer record. To do this, you add the ERP Customer Contact table to the Report Data Definition and reference it in an APR e-mail action. All contacts listed in this table will receive the invoice e-mail.

When configuring the e-mail action in the **Breaking and Routing Rules Designer** for the **To**, **CC**, or **BCC** fields, select **All** from the **Records Select** drop-down list in the **E-mail Template** dialog to construct a multi e-mail address based on all rows from the chosen table.

To further filter the records, for example, customer contacts that qualify to receive an e-mail for a specific report, use the filtering option available in the **E-mail Template** dialog. To filter contacts by a specific field, select your desired field from the **Filter** drop-down list. You will then have the option to choose the value for that specific field.

RDD Tables Available for APR Routing Actions

Values from tables defined via **Report Data Definition** relationships as parents of the APR Break table can now be used for certain APR routing actions:

- Condition
- Take DocStar Attachment
- Add DocStar Attachment
- Send E-mail

Example

If your Report Data Definition has the following ERP tables:

- Company
- Invoice Header
- Invoice Details
- Customer

for which you have defined the following parent/child relationships:

- Company to Invoice Header
- Invoice Header to Customer

and the **Break** table in the Report Style is set to **Customer** table, then both **Company** and **Invoice Header** tables will be available for selection in APR actions highlighted above.

APR Actions Log

Use the **Activity** column on the **History Tasks > Task Detail** sheet in **System Monitor** to view the results of Advanced Print Routing actions executed for the report. The details include the action name, number of actions, and number of errors. For example:

```
Client Print: 1, Client Printer Error: 0, Email Reports: 1, Email Reports Error
: 0
```

Use the **History Tasks > Report Details** sheet to view more report details. If an error occurred during the report execution, use the **History Tasks > Report/Task Logs** sheet to view the error details.

Electronic Compliance Maintenance - Support XML Elements with Attribute and Value

Electronic Compliance file structure fully supports XML elements with both a value (bound data source value or constant value) and one or more XML attributes (with bound data source values or constant values).

Example When you import a sample xml file, each element may contain one or more attributes. Values specified for the attributes and elements can be imported as constants in the Electronic Compliance definition:

```
  <cbc:ProfileID>urn:www.cenbii.eu:profile:bii05:ver2.0</cbc:ProfileID>
  <cbc:ID>TOSL108</cbc:ID>
  <cbc:IssueDate>2013-06-30</cbc:IssueDate>
  <cbc:InvoiceTypeCode listID="UNCL1001">380</cbc:InvoiceTypeCode>
  <cbc:Note>Ordered in our booth at the convention.</cbc:Note>
  <cbc:TaxPointDate>2013-06-30</cbc:TaxPointDate>
  <cbc:DocumentCurrencyCode listID="ISO4217">NOK</cbc:DocumentCurrencyCode>
  <cbc:AccountingCost>Project cost code 123</cbc:AccountingCost>
- <cac:InvoicePeriod>
    <cbc:StartDate>2013-06-01</cbc:StartDate>
    <cbc:EndDate>2013-06-30</cbc:EndDate>
```

In this example, for the **InvoiceTypeCode** element **listID** is an attribute and **UNCL1001** will be imported as a constant value. For the element value, **380** will be imported as a constant.

You can now modify an imported file structure by adding attributes at any XML level including lowest level child elements. The attributes can be assigned constant values or be mapped to data source elements.

Edit SSRS Reports

To facilitate the process of modifying custom SSRS reports, including copies of standard reports, the SSRS reporting functionality is extended with the option to generate a report for design only. The generated report appears on the System Monitor. From here you launch the **SSRS Report Design** program that enables you to download the SSRS Report Data Definition to a local working copy and interact with SSRS Report Builder (or SSRS Report Designer) to modify the SSRS visual layout, save your local copy, and preview your working copy against the same data originally extracted for the report generation. You can preview using output formats different from the original execution. Once satisfied, your working copy can be uploaded to overwrite the live version of the custom report.

This feature is secured so that the user must be explicitly allowed to edit reports before the option is available.

To implement this feature, the following changes were made:

User Account Security Maintenance

Use the **Design SSRS Report** check box in the **Options** sheet to grant the user access to the SSRS report designer tools. This user can then create, download and upload the SSRS reports, as well as move reports between multiple environments using Solution Workbench.

Verify the option is enabled when you access the following actions:

- **Report Style Maintenance**
  - Actions > Create SSRS Report
  - Actions > Download SSRS Report
  - Actions > Upload SSRS Report
- **BAQ Report Designer**
  - Actions > Download SSRS
  - Actions > Upload SSRS Report

Menu Path: System Setup > Security Maintenance > User Account Security Maintenance

Report Submission Form

For standard SSRS, BAQ, and Electronic Compliance reports, the submission form includes a new icon on the standard toolbar and the **Generate for Design** option available on the **File** menu. Select this option to generate a report for design only.

System Monitor

Once you submit the report for generation, use the **Actions > Design SSRS Report** menu option to launch the **SSRS Report Design** program that enables you to modify the SSRS visual layout for the selected report.

Replaceable Report Logos

Use **Image Maintenance** and **Report Style Maintenance** to replace the logo that appears in a standard report with your company logo.

When a company sends reports and documents to customers, they often want their company logo to appear at the top of the report. It can be time consuming to maintain multiple custom reports and those reports can be impacted by Epicor software updates.

In Epicor ERP, you can import logo images and then apply them to standard reports. When you preview or print the report, your company logo appears at the top of the report. These reports are not custom and are not impacted when you upgrade your application.

The standard image size is

- Width - 2.409 IN
- Height - 0.533 IN

To assign an image to a standard report, perform the following process:

- In **Image Maintenance**, import the logo image.

  Note You can set up a category for the logo in **Image Category Maintenance**.

- In **Report Style Maintenance**, perform the following steps:
  - Select the standard report.
  - In the **Styles > Style Detail > Companies / Images** sheet, click **Retrieve** and use the **Images List** to select the logo image to appear on the report.
  - Click **Save**.

This feature has been implemented on the following standard reports:

- Packing Slip
- Purchase Order
- Sales Order Acknowledgment
- AR Invoice
- Customer Statements
- Supplier Statements
- Reminder Letter
- Debit Memo

Field Security Maintenance

The following topic describes key features for Field Security Maintenance.

Data Masking

Data Masking allows to limit access to sensitive data within particular fields. Only users with Security Manager rights can define a security level for the whole organization, for the current company or for a selected user or group of users.

Data Masking settings are applied to the sensitive data in BAQ. If display fields or calc fields contain masked fields, then the query returns masked value.

BPM uses non-masked data and users should take Data Masking into account when using Show Message, Raise Exception, and Send E-mail actions.

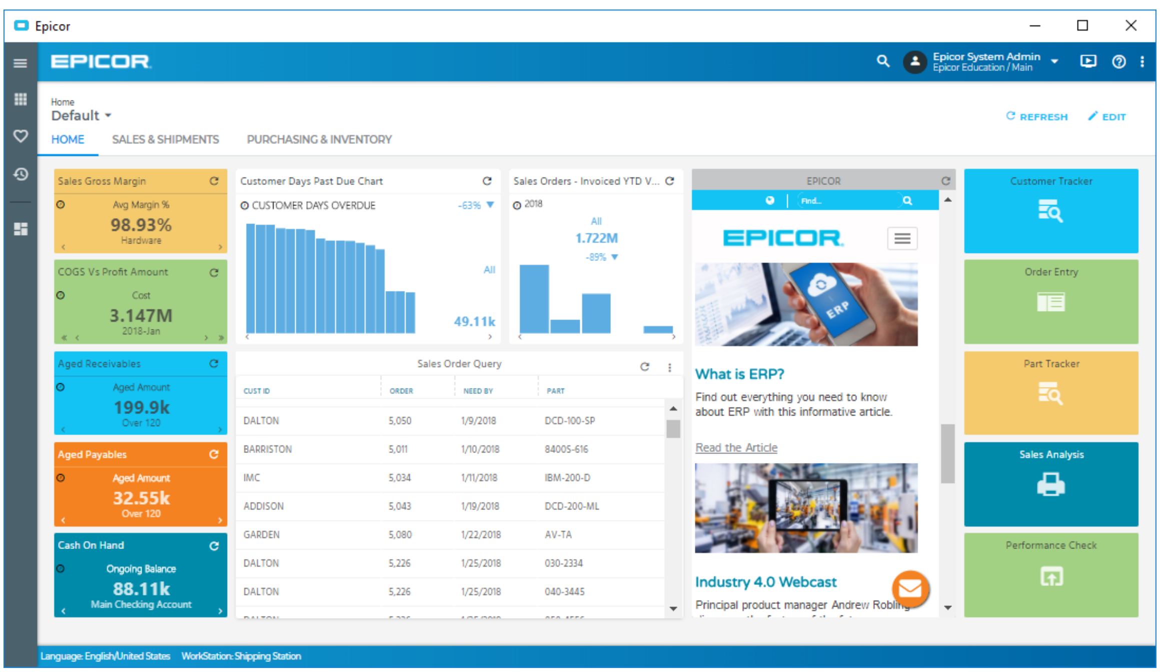
Epicor Kinetic Framework

Epicor Kinetic Framework is a new UX/UI framework which offers a modern look and feel enabling developers to create applications that work across any device.

Redesigned Active Home Page

A completely redesigned Active Home Page for Epicor ERP embodies Epicor Kinetic Design principles and lives as a website accessible by Epicor partners and customers.

Delivering unified colors, typography and icons, user interface (UI) elements, and page layouts, Epicor Kinetic Design empowers partners to deliver value-added solutions consistent with Epicor usability best practices and interaction guidelines to enhance customer experience.



Active Home Page is the starting point for a user logging in and is where most users will first encounter Epicor Data Discovery. It contains quick access widgets for regularly used forms, links to other applications and resizable Epicor Data Discovery card views.

Four configurable home pages are provided for these role types: executive, financial, manufacturing, and supply chain, and are populated with the appropriate favorites and Epicor Data Discovery card views.

The easy accessibility of Epicor Data Discovery from Active Homepage will promote data-driven decisions in your business.

Country Specific Functionality

The Country Specific Functionality (CSF) is used to deliver localization capabilities for specific markets throughout the world.

Each country contains topics which detail the Epicor ERP modifications created for the specified country. For additional program information, refer to the topics in the Application Help.

The following section contains a list of CSF features released with the Epicor ERP application. If you are upgrading from a previous version, review this information to learn about the features added through this major version.

Belgium

The Belgium CSF delivers localized capabilities within Epicor ERP to support business operations in Belgium.

The Belgium CSF is used to produce the VAT Declaration Report and XML file to be submitted to the Belgian government. It also supports payment reference numbers in AR and AP invoices, SEPA payment files, and localized financial reports.

Automatic Matching of AP Payments

You can perform automatic matching of AP payments using banking reference number as a reference tag. You can manually enter the banking reference number in the **Invoice Entry** program and then navigate to **Invoice Tracker > Header** to see the reference in the **Banking Reference** field. If you want to perform the automatic matching of AP payments, use the **Bank Statement Processing** program.

Menu Path: Financial Management > Accounts Payable > General Operations > Invoice Entry

Menu Path: Financial Management > Accounts Payable > General Operations > Invoice Tracker

Menu Path: Financial Management > Accounts Payable > General Operations > Bank Statement Processing

Automatic Matching of AR Payments

You can perform automatic matching of AR payments using banking reference number as a reference tag. This number automatically generates in the **Invoice Entry** program and you can navigate to **Invoice Tracker > Header** to see the reference in the **Banking Reference** field. If you want to perform the automatic matching of AP payments, use the **Bank Statement Processing** program.

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Entry

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Tracker

Menu Path: Financial Management > Accounts Receivable > General Operations > Bank Statement Processing

India

The India CSF delivers localized capabilities within Epicor ERP to support business operations in India.

The India CSF supports localization requirements for excise tax transactions and Central Sales Tax and Service Tax requirements for a manufacturing plant. India CSF helps in calculation of excise duty, along with education cess and higher secondary education cess on assessable value and on duty value for ECC registered manufacturers.

eWay Bill Functionality

Use the eWay Bill functionality to report movement of goods by means of electronic bills which can be generated on the eWay Bill Governmental Portal. Transport of goods of more than Rs. 50,000 (single invoice/bill/delivery challan) in value in a vehicle cannot be made by a registered person without an eWay bill.

This feature covers the following areas in the India CSF:

- **eWay Bill Workbench**

  Use the eWay Bill Workbench program to generate electronic bills necessary for outward and inward movement of goods.

  Menu Path: Material Management > Shipping/Receiving > General Operations > eWay Bill Workbench

- **eWay Bill Report**

  Use eWay Bill Report to list eWay Bill details for selected receipts, shipments and RMA

  Menu Path: Material Management > Shipping / Receiving > eWay Bill List IN

- **Transporter Tracker**

  Use the Transporter Tracker to view all shipments/receipts, eWay Bill details and statuses for the selected transporter.

  Menu Path: Material Management > Shipping / Receiving > General Operations > Transporter Tracker

Denmark

The Denmark CSF delivers localized capabilities within Epicor ERP to support business operations in Denmark.

The Denmark CSF supports cash payment and receipt processes in Denmark. Use it to perform necessary calculations to support the use of banking reference numbers (OCRs) when identifying invoices. You can use OCRs in AR when you enter sales invoices, and import the resulting payment files, automatically matching a payment to an OCR. You can use OCRs in AP when you enter purchase invoices, and import the resulting payment files to the bank, including supplier OCRs.

Automatic Matching of AP Payments

You can perform automatic matching of AP payments using banking reference number as a reference tag. You can manually enter the banking reference number in the **Invoice Entry** program and then navigate to **Invoice Tracker > Header** to see the reference in the **Banking Reference** field. If you want to perform the automatic matching of AP payments, use the **Bank Statement Processing** program.

Menu Path: Financial Management > Accounts Payable > General Operations > Invoice Entry

Menu Path: Financial Management > Accounts Payable > General Operations > Invoice Tracker

Menu Path: Financial Management > Accounts Payable > General Operations > Bank Statement Processing

Automatic Matching of AR Payments

You can perform automatic matching of AR payments using banking reference number as a reference tag. This number automatically generates in the **Invoice Entry** program and you can navigate to **Invoice Tracker > Header** to see the reference in the **Banking Reference** field. If you want to perform the automatic matching of AP payments, use the **Bank Statement Processing** program.

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Entry

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Tracker

Menu Path: Financial Management > Accounts Receivable > General Operations > Bank Statement Processing

China

The China CSF pack localizes the Epicor application to match the legal requirements needed to conduct business in China.

After installation and set up of your China CSF pack, you can use the Epicor application to create financial reports and data interface files required by the China Ministry of Finance.

You can set up an interface to upload files into the Golden Tax Invoice System (GTIS). It is possible to send Epicor invoices to GTIS for printing, receive back modified files with invoice number for updating back to Epicor and print GTIS Status Report.

A financial data export function is provided for sending financial information as described in standard GB/T 24589.1-2010 for exchange of data with authorities. The structure of the data and its compliance with reporting requirements is dependent on having a China compliant chart of accounts, and having selected the appropriate type of Income Statement and Balance Sheet for the company.

The system consolidates selected packing slips with existing not posted invoices and simultaneously checks the invoice line limit and invoice limit.

You can specify the maximum amount of an AR invoice line and an AR invoice that your company is allowed to issue. The specified amounts of each invoice and invoice line are verified against these amounts.

Booking Voucher Report Footer

The **Booking Voucher CN** report footers contain information on the users involved in transactions performing the **Maker**, **Checker**, **Book Keeper**, and **Cashier** roles. The Maker and the Checker user names are normally pulled from transaction details. If this information is not available, the system prints the user accounts defined for these roles on the **China** sheet in **Journal Code Maintenance**. For the Book Keeper and Cashier user names, the report uses the journal code record as the primary source.

When you run the **Booking Voucher CN** report, the system checks if the journal code associated with the transactions have these roles defined to print them in the report footer. If you opt not to define these roles on the Journal Code level, the system uses the accounts specified on the **Modules > All Modules > Localization > China > Data Interface** sheet in **Company Configuration**.

Menu Path: Financial Management > General Ledger > Setup > Journal Code

Colombia

The Colombia CSF delivers localized capabilities within Epicor ERP to support business operations in Colombia.

After the installation and setup of the Colombia CSF, you can use Epicor ERP to add one-time supplier and customer entries, enter one-time transactions into journals, and run fiscal reports sorted by one-time information.

Lower of Cost or Net Realizable Value

The **Lower of Cost or Net Realizable Value (LCNRV)** report shows the difference between the cost of an individual part/part class and their Net Realizable Value (NRV).

NRV is calculated as sales price minus sales fee.

Parts are included into the **Inactive Sales Items** report if AR invoice or part estimated price cannot be found.

Menu Path : Material Management > Inventory Management > Reports > LCNRV Report CO

Electronic Invoicing

You can set up configurations for electronic invoicing to automatically send your company's AR invoices, credit memos, and debit notes to the authorized certification provider (PAC) in accordance with Colombian governmental regulations.

Electronic invoicing functionality is available after you set up your PAC in **PAC Configuration**, choose it in **Company Configuration**, and choose a DIAN code in **Tax Type Maintenance**. You can create different types of electronic invoices (miscellaneous invoices, credit memos, and debit notes) in **AR Invoice Entry** and review their details in **AR Invoice Tracker** and **Posted Invoice Update**.

Menu Path: System Setup > Company/Site Maintenance > Company Configuration

Menu Path : System Setup > Company/Site Maintenance > PAC Configuration CO

Menu Path: Financial Management > Accounts Receivable > Setup > Tax Type

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Entry

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Tracker

Menu Path: Financial Management > Accounts Receivable > General Operations > Posted Invoice Update

Customs Clearance Lots

The **Customs Clearance Lots** program enables you to enter and review Customs Clearance documents and to create lots of parts for which Customs Clearance documents are issued.

Customs Clearance is the documented permission given by the national Customs that enables imported goods to enter the country and exported goods to leave the country.

If you want to use this functionality, you need to primarily download and install the solution files in **Solution Workbench**.

Menu Path : Material Management > Shipping/Receiving > Setup > Custom Clearance Lots

DanskeBank

The DanskeBank CSF enables Epicor ERP to implement a unified DanskeBank transactions format in an Electronic Funds Transfer (EFT) payment output file for credit transfer.

Danske Bank is the largest bank in Denmark and a major retail bank in the Northern European region, where it operates a number of local banks. Danske Bank has a unified protocol of performing EFT payments that enables customers to make cashless payments in the countries' currencies using only a single bank account and a single set of payment tools.

DanskeBank format provides a generic standard for headers, trailers, and line items for EFT in the Northern Europe Area using the single payment function. The messages are based on the ISO 20022 standard, of which DanskeBank uses a subset.

DanskeBank format is available for the following countries:

- Denmark
- Finland
- Norway
- Sweden

Estonia

The Estonia CSF delivers localized capabilities within Epicor ERP to support business operations in Estonia.

The Estonia CSF automatically loads localized report formats used to modify AR invoice processing and to support use of bank or account reference numbers. These reference numbers identify the specific invoice being paid, or for large suppliers (such as Estonian Energy) the account being paid. You can enter bank reference numbers on AR and AP invoices. You can also use the Telehansa Domestic Payment File Formats to electronically pay AP invoices in Estonia.

Automatic Matching of AP Payments

You can perform automatic matching of AP payments using banking reference number as a reference tag. You can manually enter the banking reference number in the **Invoice Entry** program and then navigate to **Invoice Tracker > Header** to see the reference in the **Banking Reference** field. If you want to perform the automatic matching of AP payments, use the **Bank Statement Processing** program.

Menu Path: Financial Management > Accounts Payable > General Operations > Invoice Entry

Menu Path: Financial Management > Accounts Payable > General Operations > Invoice Tracker

Menu Path: Financial Management > Accounts Payable > General Operations > Bank Statement Processing

Automatic Matching of AR Payments

You can perform automatic matching of AR payments using banking reference number as a reference tag. This number automatically generates in the **Invoice Entry** program and you can navigate to **Invoice Tracker > Header** to see the reference in the **Banking Reference** field. If you want to perform the automatic matching of AP payments, use the **Bank Statement Processing** program.

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Entry

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Tracker

Menu Path: Financial Management > Accounts Receivable > General Operations > Bank Statement Processing

Finland

The Finland CSF delivers localized capabilities within Epicor ERP to support business operations in Finland.

Use the Finland CSF to perform necessary calculations to support the use of banking reference numbers (OCRs) to identify invoices. You enter AR and AP invoices with OCRs and process electronic cash receipt files (AR payment files, domestic AP payment files, and international AP payment files).

Automatic Matching of AP Payments

You can perform automatic matching of AP payments using banking reference number as a reference tag. You can manually enter the banking reference number in the **Invoice Entry** program and then navigate to **Invoice Tracker > Header** to see the reference in the **Banking Reference** field. If you want to perform the automatic matching of AP payments, use the **Bank Statement Processing** program.

Menu Path: Financial Management > Accounts Payable > General Operations > Invoice Entry

Menu Path: Financial Management > Accounts Payable > General Operations > Invoice Tracker

Menu Path: Financial Management > Accounts Payable > General Operations > Bank Statement Processing

Automatic Matching of AR Payments

You can perform automatic matching of AR payments using banking reference number as a reference tag. This number automatically generates in the **Invoice Entry** program and you can navigate to **Invoice Tracker > Header** to see the reference in the **Banking Reference** field. If you want to perform the automatic matching of AP payments, use the **Bank Statement Processing** program.

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Entry

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Tracker

Menu Path: Financial Management > Accounts Receivable > General Operations > Bank Statement Processing

AOS2 Format for Nordea AP Payments

You can use the Additional Optional Service 2 (AOS2) format for Nordea AP Payments. The AOS2 format allows to add structured remittance information in case when a payment contains two or more invoices and at least one debit memo.

You can set up Nordea AP Payment Method with AOS2 format in **Payment Method Maintenance**.

Menu Path: Financial Management > Accounts Payable > Setup > Payment Method

Germany

The Germany CSF pack localizes the Epicor application to match the legal requirements needed to conduct business in Germany.

After installation and set up of your Germany CSF pack, you can use the Epicor application to support value add tax (VAT) functionality and reporting, as well as electronic funds transfer (DTAU) processing. You can also use the Epicor application to support GDPDU processing. This includes providing an export file with line details for General Ledger verification, based on the natural account.

The **Region of origin** parameter can be specified now in the Part Maintenance program. It is required to create Intrastat transactions in AR and AP. New **intrastatExport-DE.p** routine is available in the Server\EI folder. It enables you to set up electronic interface for exporting the Intrastat report.

When you adjust an AR invoice, it is possible to select a document type for the adjusted invoice. If a legal number is set for the selected document type, then all legal number information is updated accordingly when a legal number is generated. The Red Storno value is defined by the selected document type.

Those who are using the Epicor e-Bilanz product can create the electronic interface and data export to link with this product.

Germany Specific Data Import

The Epicor ERP 10 installation package now provides the files you can use to populate your database with primary data for Germany CSF:

- **Intrastat-DE_Epicor CSF_10.02.300.cab** contains the updated Intrastat user defined codes. You install it using **Solution Workbench**.
- **Germany_COAData.xlsx** includes the Chart of Accounts and related settings. Import this file in **COA Import**.

- **DELookupData.10.2.300.xlsx** provides standardized lookup data for UOM Classes, UOM Conversions, UOMs, FOB, Ship Via, and Country codes. You can import this data using the **Lookup Data Import** program.

All files are copied to your system with the installation package and are located in the **<Epicor ERP>\server\Erp\CSF\DE** folder on your server.

Menu Path: System Management > Solution Management > Solution Workbench

Menu Path: Financial Management > General Ledger > Setup > COA Import

Menu Path: System Management > Rebuild Processes > Finance > Lookup Data Import DE

Lookup Data Import and Export

The **Lookup Data Import** and **Lookup Data Export** programs are now available for Germany CSF providing the ability to import and export standardized lookup data for UOM Classes, UOM Conversions, UOMs, FOB, Ship Via, and Country Codes.

Note that the import process does not validate imported values, so after importing a file, you should manually verify that referenced data is entered into the system.

Menu Path: System Management > Rebuild Processes > Finance > Lookup Data Import DE

Menu Path: System Management > Rebuild Processes > Finance > Lookup Data Export DE

FIFO Stock Movement Report

The **FIFO Stock Movement** report shows FIFO transactions per part for a given period of time. The report displays various values related to part transactions, so you can track and analyze them for the future usage.

Menu Path: Material Management > Inventory Management > Report > FIFO Stock Movement DE

Part FIFO Transaction History Tracker DE

Use the **Part FIFO Transaction History Tracker DE** program to review current information about selected part records.

Menu Path: Material Management > Inventory Management > General Operations > Part FIFO Transaction History Tracker DE

Malaysia

The Malaysia CSF pack localizes the Epicor application to match the legal requirements needed to conduct business in Malaysia.

After installation and set up of your Malaysia CSF pack, you can use the Epicor application to designate lot-tracked parts for Sales Tax Exemption (CJ5) processing, License Manufactured Warehouses (LMW) processing, or both. The lot-tracked parts are then reflected in various localization reports created according to local regulations. The localization reports include the CJ5 report to list the goods being manufactured and the LMV reports to track finished goods activity of LMW.

Deemed Supply Reporting

Use the **Deemed Supply Report MY** program to run reports for the taxable sales with the **DS** (Deemed Supply) tax code or tax rate code applied. The report shows all records for the period you specify.

Menu Path: Financial Management > Accounts Receivable > Reports > Deemed Supply Report MY

You can also view the details of Deemed Supply sales in the **Deemed Supply MY Tracker**.

Menu Path: Financial Management > Accounts Receivable > General Operations > Deemed Supply MY

Tax Box 15

Starting with 01/01/2018, item 15 of GST-03 return should display the total value of other supplies, such as disregarded supplies, supplies under Approved Jeweler Scheme, and supplies made outside Malaysia or not within the scope of GST.

When you run the **Tax Box** report (the Standard MY GST Return - SSRS and Standard MY- SSRS report styles), the value of item 15 depends on the **To Date**. When the To Date is before 01/01/2018, the value is calculated as 6% from the value of Tax Box 14 independently on the real value accumulated in the tax box 15. When the To Date is 01/01/2018 or later, the item includes the total value of tax box 15, which is accumulated based on the settings of other supplies (tax rate codes OS, GS, OS-TXM, NTX, and SR-JWS).

Mexico

The Mexico CSF delivers localized capabilities within Epicor ERP to support business operations in Mexico.

After the installation and setup of your Mexico CSF, you can use Epicor ERP to support digital tax receipts, automatic calculation of ISR (corporate tax), and localization reports. The localization reports comply with basic regulations to complete taxes for SAT (Servicio de Administracion Tributaria) compliance in Mexico.

Customs UOM in Electronic International Trade CFDI Supplement XML

When the Unit of Measure (UOM) in which you sell goods is different from the one required by the International Trade Supplement, you should specify the UOM to use for reporting in the **Get Customs UOM from** field on the **Mexico** sheet in **Part Maintenance**. You can select Sales UOM, Unit Net Weight, Unit Gross Weight, or Unit Net Volume. The system uses the selected option to determine UOM code and the specified value to recalculate the amount and price for Customs.

Alternatively, you can define the UOM for Customs in **AR Invoice Entry** on the **Line > Mexico** sheet.

Menu Path: Material Management > Inventory Management > Setup > Part

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Entry

Payment Tracker MX

Use **Payment Tracker MX** to retrieve and review AP payment records. You can specify the records you wish to review using **Advance Search** fields.

Menu Path: Financial Management > Accounts Payable > General Operations > Payment Tracker MX

Update Payment Fiscal Folio MX

Use **Update Payment Fiscal Folio MX** to review imported XML files, match them with the AP payments either automatically or manually, and then update selected AP payments with the UUID information.

Menu Path : Financial Management > Accounts Payable > General Operations > Update Payment Fiscal Folio MX

Customs Clearance Lots

The **Customs Clearance Lots** program enables you to enter and review Customs Clearance documents and to create lots of parts for which Customs Clearance documents are issued.

Customs Clearance is the documented permission given by the national Customs that enables imported goods to enter the country and exported goods to leave the country.

If you want to use this functionality, you need to primarily download and install the solution files in **Solution Workbench**.

Menu Path : Material Management > Shipping/Receiving > Setup > Custom Clearance Lots

Netherlands

The Netherlands CSF delivers localized capabilities within Epicor ERP to support business operations in the Netherlands.

Digipoort Digital Certificate Store

Use the **Digital Certificate Store** program to load Digipoort certificates used for Dutch reports. After you add the required certificates, you need to proceed with setting up their properties in **Company Configuration** on the **Modules > All Modules > Localization > Netherlands** sheet.

Menu Path: System Setup > Company/Site Maintenance > Digital Certificate Store

Menu Path: System Setup > Company/Site Maintenance > Company Configuration

Nordea

The Nordea CSF enables Epicor ERP to implement a unified Nordea transactions format in an Electronic Funds Transfer (EFT) payment output file for credit transfer.

Nordea Bank (or Nordea) is a financial services group that operates in Northern Europe and is represented by a number of banks and companies there. Nordea has a unified protocol of performing EFT payments that enables customers to make cashless payments in the countries' currencies using only a single bank account and a single set of payment tools.

Nordea format provides a generic standard for headers, trailers, and line items for EFT in the Northern Europe Area using the single payment function. The messages are based on the ISO 20022 standard, of which Nordea uses a subset.

Nordea format is available for the following countries:

- Denmark
- Finland
- Norway
- Sweden

Norway

The Norway CSF delivers localized capabilities within Epicor ERP to support business operations in Norway.

Use the Norway CSF to make payments using TelePay payment methods, import AP and AR bank files, generate electronic invoices, and run Norway localization reports.

Automatic Matching of AP Payments

You can perform automatic matching of AP payments using banking reference number as a reference tag. You can manually enter the banking reference number in the **Invoice Entry** program and then navigate to **Invoice Tracker > Header** to see the reference in the **Banking Reference** field. If you want to perform the automatic matching of AP payments, use the **Bank Statement Processing** program.

Menu Path: Financial Management > Accounts Payable > General Operations > Invoice Entry

Menu Path: Financial Management > Accounts Payable > General Operations > Invoice Tracker

Menu Path: Financial Management > Accounts Payable > General Operations > Bank Statement Processing

Automatic Matching of AR Payments

You can perform automatic matching of AR payments using banking reference number as a reference tag. This number automatically generates in the **Invoice Entry** program and you can navigate to **Invoice Tracker > Header** to see the reference in the **Banking Reference** field. If you want to perform the automatic matching of AP payments, use the **Bank Statement Processing** program.

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Entry

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Tracker

Menu Path: Financial Management > Accounts Receivable > General Operations > Bank Statement Processing

Transaction Reason Codes for Nordea Payment

You can select a transaction reason code when you create an AP Invoice for a cross-border payment. A transaction reason code is selected from the list defined in TranReason user codes.

Menu Path: Financial Management > Accounts Payable > General Operations > Invoice Entry

Transaction Reason Codes for DanskeBank Payment

You can select a transaction reason code when you create an AP Invoice for a cross-border payment. A transaction reason code is selected from the list defined in TranReason user codes.

Menu Path: Financial Management > Accounts Payable > General Operations > Invoice Entry

SAF-T Financial Functionality

Use the **SAF-T Report** program to create a SAF-T report, generate an XML file and submit it.

The cab file that you import into Epicor ERP contains the user defined codes that you use to set up SAF-T data.

The following setup programs display the **Norway** sheet where you select required data:

- Tax Type Maintenance
- Account Segment Value

Menu Path: Financial Management > General Ledger > Reports > SAF-T Financial NO

Portugal

The Portugal CSF delivers localized capabilities within Epicor ERP to support business operation in Portugal.

The Portugal CSF supports generation of SAF-T XML files according to the PT v1.04_01 XML schema. SAF-T is a taxation audit file generated by the invoicing system and handed over to tax authorities. A SAF-T file contains all the financial and taxation data that a company has over a certain financial period (a month, a quarter, or a financial year).

Cash Receipt Tracker

You can use **Cash Receipt Tracker** to print out AR remittance slips for posted cash receipts in Portugal-specific report style.

Configuration Settings PT

Configuration Settings PT enables you to set default configuration settings for Company Configuration and User Account Security Maintenance and to upload legal numbers and transaction document types provided by Epicor ERP to your database.

Configurations Settings PT is an obligatory part of the installation process. You must launch the **Configuration Settings PT** process one time before you start to use other programs.

Menu Path: System Setup > Company/Site Maintenance > Configuration Settings PT

Sales Order Entry

The **Sales Order Entry** program enables you to create, edit, digitally sign, and print sales orders and pro-forma invoices.

You can edit the orders and pro-forma invoices that have not been digitally signed. After you digitally sign the document, no further changes are allowed.

You can invoice or ship only digitally signed sales orders or pro-forma invoices.

Menu Path: Sales Management > Order Management > General Operations > Order Entry

Sign and Generate Transport Document

You can use the **Sign and Generate Transport Document** command of the **Actions** menu to automatically sign and generate a transport document for a selected customer, miscellaneous, subcontractor, and transfer order shipment.

Menu Path: Material Management > Shipping / Receiving > General Operations > Customer Shipment Entry

Menu Path: Material Management > Shipping / Receiving > General Operations > Miscellaneous Shipment Entry

Menu Path: Material Management > Shipping / Receiving > General Operations > Subcontractor Shipment Entry

Menu Path: Material Management > Shipping / Receiving > General Operations > Transfer Order Shipment Entry

Transaction Document Type Maintenance

You can define document types assigned to legal number sequences.

Epicor ERP provides a set of predefined transaction document types that you are recommended to use as default settings. These document types follow all SAF-T schemas requirements and they are automatically linked to legal numbers. You upload the transaction document types to your database using **Configuration Settings PT**.

Menu Path: System Setup > Company/Site Maintenance > Configuration Settings PT

Sweden

The Sweden CSF delivers localized capabilities within Epicor ERP to support business operations in Sweden.

The Sweden CSF automatically performs many necessary calculations to support the use of banking reference numbers or OCRs to identify invoices. You can use OCRs to create AP invoices and import the resulting payment files, automatically matching the payment to an OCR. When you create AP invoices, you can enter suppliers' OCRs and export resulting payment files to the bank.

Automatic Matching of AP Payments

You can perform automatic matching of AP payments using banking reference number as a reference tag. You can manually enter the banking reference number in the **Invoice Entry** program and then navigate to **Invoice Tracker > Header** to see the reference in the **Banking Reference** field. If you want to perform the automatic matching of AP payments, use the **Bank Statement Processing** program.

Menu Path: Financial Management > Accounts Payable > General Operations > Invoice Entry

Menu Path: Financial Management > Accounts Payable > General Operations > Invoice Tracker

Menu Path: Financial Management > Accounts Payable > General Operations > Bank Statement Processing

Automatic Matching of AR Payments

You can perform automatic matching of AR payments using banking reference number as a reference tag. This number automatically generates in the **Invoice Entry** program and you can navigate to **Invoice Tracker > Header** to see the reference in the **Banking Reference** field. If you want to perform the automatic matching of AP payments, use the **Bank Statement Processing** program.

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Entry

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Tracker

Menu Path: Financial Management > Accounts Receivable > General Operations > Bank Statement Processing

Regulatory Reporting Codes for Nordea AP Payment

You can create regulatory reporting codes for Nordea cross-border payments.

Regulatory reporting codes are required when you create a Nordea cross-border payment in **Payment Entry**. You can create regulatory reporting codes in **User Defined Codes Maintenance**.

Menu Path: System Setup > System Maintenance > User Codes

Regulatory Reporting Codes for DanskeBank AP Payment

You can create regulatory reporting codes for DanskeBank cross-border payments.

Regulatory reporting codes are required when you create a DanskeBank cross-border payment in **Payment Entry**. You can create regulatory reporting codes in **User Defined Codes Maintenance**.

Menu Path: System Setup > System Maintenance > User Codes

Switzerland

The Switzerland CSF delivers localized capabilities within Epicor ERP to support business operations in Switzerland.

The Switzerland CSF loads localized files that support Electronic Funds Transfer (EFT) processing of AP payments in Switzerland. Swiss internal business processes are based on OCR codes called Inpayment Slip with Reference number (ISR), which are processed by either Postfinance or Swiss banks. Invoices for Swiss and Liechtenstein-based customers contain a payment slip with ISR code attached to them, which provide unique information.

You can use Epicor ERP to store data to generate ISR code line and reference number for companies, to store suppliers' ISR party numbers, to generate AP payment files with ISR numbers, and to import AR payment files with ISR reference numbers.

Automatic Matching of AP Payments

You can perform automatic matching of AP payments using banking reference number as a reference tag. You can manually enter the banking reference number in the **Invoice Entry** program and then navigate to **Invoice Tracker > Header** to see the reference in the **Banking Reference** field. If you want to perform the automatic matching of AP payments, use the **Bank Statement Processing** program.

Menu Path: Financial Management > Accounts Payable > General Operations > Invoice Entry

Menu Path: Financial Management > Accounts Payable > General Operations > Invoice Tracker

Menu Path: Financial Management > Accounts Payable > General Operations > Bank Statement Processing

Automatic Matching of AR Payments

You can perform automatic matching of AR payments using banking reference number as a reference tag. This number automatically generates in the **Invoice Entry** program and you can navigate to **Invoice Tracker > Header** to see the reference in the **Banking Reference** field. If you want to perform the automatic matching of AP payments, use the **Bank Statement Processing** program.

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Entry

Menu Path: Financial Management > Accounts Receivable > General Operations > Invoice Tracker

Menu Path: Financial Management > Accounts Receivable > General Operations > Bank Statement Processing

Taiwan

The Taiwan CSF pack localizes the Epicor application to match the legal requirements needed to conduct business in Taiwan.

After installation and set up of your Taiwan CSF pack, you can use the Epicor application to support Taiwan's valued added tax (VAT) system, the required Uniform Invoice Numbers (UIN) assigned to invoices, and Taiwan localization reports. New programs are introduced - Tax Declaration Maintenance with new processes AR Data Post to Tax Declaration and AP Data Post to Tax Declaration, AR Invoice Check List, and AP Invoice Check List. You can now import Taiwan CSF data from User Code Maintenance. New functionalities are introduced in this release - company configuration, document type maintenance, and supplier maintenance.

Lower of Cost or Net Realizable Value

The **Lower of Cost or Net Realizable Value (LCNRV)** report shows the difference between the cost of an individual part/part class and their Net Realizable Value (NRV).

NRV is calculated as sales price minus sales fee.

Parts are included into the Inactive Sales Items report if AR invoice or part estimated price cannot be found.

Menu Path : Material Management > Inventory Management > Reports > LCNRV Report TW

Thailand

The Thailand CSF pack localizes the Epicor application to match the legal requirements needed to conduct business in Thailand.

After installation and set up of your Thailand CSF pack, you can use the Epicor application to support Thailand's valued added tax (VAT) system, including issuing withholding tax certificates and processing various localization reports.

Document Options on Monthly VAT Report

The payment documents including tax may have several numbers assigned, such as Invoice Number, Tax Receipt Number, Reference Invoice Number, and so on. The **Monthly VAT TH Report** options have been enhanced to allow selecting the type of number to print as the Document Number on the report. You can also specify whether the Document Date should originate from the record Apply Date, Tax Point Date, or Transaction Date. The records on the report can be sorted by the Document Date or the Document Number.

Menu Path: Financial Management > Accounts Payable > Reports > Monthly VAT Report TH

Lower of Cost or Net Realizable Value

The **Lower of Cost or Net Realizable Value (LCNRV)** report shows the difference between the cost of an individual part/part class and their Net Realizable Value (NRV).

NRV is calculated as sales price minus sales fee.

Parts are included into the Inactive Sales Items report if AR invoice or part estimated price cannot be found.

Menu Path : Material Management > Inventory Management > Reports > LCNRV Report TH

Part Descriptions in BOM Listing Report

A new report style **Standard TH - SSRS** is available for the **Bill of Material Listing Report.** You should select it to have the full description of the part components displayed in the report.

If you select the **Standard - SSRS** option, the descriptions may be truncated and may not comply with the ones provided in **Part Maintenance**.

Menu Path: Production Management > Engineering > Reports > BOM Listing

Withholding Taxes in Report and Certificate

Now withholding taxes for miscellaneous payments are supported similar to invoice payments. When you run the **Withholding Tax Report** or create **Withholding Tax Certificate**, and several tax types apply to the payment included in the document, all of them are printed in the same payment line.

You can also select the types to include in **Withholding Tax Report** on the **Filter** sheet. By default all tax types are selected.

Menu Path: Financial Management > Accounts Payable > Reports > Withholding Report TH

Menu Path: Financial Management > Accounts Payable > Reports > Withholding Tax Certificate TH

United Kingdom

The United Kingdom CSF delivers localized capabilities within Epicor ERP to support business operations in the United Kingdom.

Use the United Kingdom CSF to set up and export the Intrastat report that uses UK-specific Intrastat user-defined codes.

CIS Monthly Return Dashboard UK

The **CIS Monthly Return Dashboard UK** program enables to retrieve and review the data used to generate the report export files in the CIS Monthly Return Report UK program.

Menu Path: Financial Management > Account Payable > General Operations > CIS Monthly Return Dashboard UK

CIS Monthly Return Report UK

The **CIS Monthly Return Report UK** program enables to generate monthly report export files on all payments that your company makes to subcontractors and submit them to Her Majesty's Revenue and Customs (HMRC).

Before using this report, you must install the solution files for CIS functionality in **Solution Workbench** and complete the settings in **Company Configuration** in the **Modules > All Modules > Localization > United Kingdom** sheet and in **Supplier Maintenance** in the **United Kingdom** sheet.

Menu Path: Financial Management > Accounts Payable > Reports > CIS Monthly Return Report UK

Payment and Deduction Statement UK Report

The **Payment and Deduction Statement UK** report enables to list the payments and Withholding Tax deductions that your company made to each supplier within a given time interval.

You can send this report to your subcontractors in order to inform them of all the deductions taken under the regulations of the Construction Industry Scheme (CIS).

Before using this report, you must install the solution files for CIS functionality in **Solution Workbench** and complete the settings in **Company Configuration** in the **Modules > All Modules > Localization > United Kingdom** sheet and in **Supplier Maintenance** in the **United Kingdom** sheet.

Menu Path: Financial Management > Accounts Payable > Reports > Payment and Deduction Statement UK

Peru

The Peru CSF localizes the Epicor ERP application to match the legal requirements needed to conduct business in Peru.

After the installation and setup of the Peru CSF, you can use Epicor ERP to create and process bills of exchange, pre-payment invoices to pay the Customs Unique Declaration (DUA) agency for products bought from vendors that are not located in Peru, and non-resident invoices for services provided from vendors that are not based in Peru. We also support Retenciones and Detracciones Withholding Taxes, Peru Purchase Accounting, and Late Cost and Invoice Price Variance allocation to Inventory.

Withholding Tax Calculation in Payment Instrument

Epicor ERP can now calculate Peruvian withholding tax types, such as Retentions, Perceptions, and Detractions, when you enter AP payments using **Payment Instrument Payable Entry**. The calculation process works in the same way as in the AP Payment Entry program.

Note that to be able to use this functionality, you first need to set up the required Peruvian tax types and assign them to product tax categories.

Menu Path

Navigate to this program from the Main Menu:

- Financial Management > Accounts Payable > General Operations > Payment Instrument

Customs Clearance Lots

The **Customs Clearance Lots** program enables you to enter and review Customs Clearance documents and to create lots of parts for which Customs Clearance documents are issued.

Customs Clearance is the documented permission given by the national Customs that enables imported goods to enter the country and exported goods to leave the country.

If you want to use this functionality, you need to primarily download and install the solution files in **Solution Workbench**.

Menu Path : Material Management > Shipping/Receiving > Setup > Custom Clearance Lots

Singapore

The Singapore CSF delivers localized capabilities within Epicor ERP to support business operations in Singapore.

The Singapore CSF automatically performs many necessary calculations, and loads files to Singapore-specific features. IRAS (Inland Revenue Authority of Singapore) audits businesses from time to time to assure that businesses are making correct tax declarations. It is a common procedure for IRAS to request for certain accounting information as part of the audit. Use the **Data Export Tool** functionality to produce an IRAS audit File (IAF).

UOB Payment Processing

With Singapore CSF, you can create Electronic Fund Transfer (EFT) files to pay Supplier invoices through UOB service. Such files may contain information on the Service Type, Payment Advice, and Transaction Code.

You enter the required banking information and define file settings on the **Singapore** sheets in **AP Payment Entry**. When you use the **Actions > Process Payments** command, an electronic payment file which can be sent to UOB is created.

Note that prior to using this functionality, you need to import the UOB payment format in **Solution Workbench**, set up an Electronic Interface for UOB Payment, create UOB Payment Method and Bank Account.

Menu Path: Financial Management > Accounts Payable > General Operations > Payment Entry

United States

The United States CSF delivers localized capabilities within Epicor ERP to support 1099 forms and reporting in the United States.

1099 forms are legally required in the United States. There are many different types of information returns, and each type is used to report a different type of payment or transaction. Most information returns fall within the

1099 series of forms. Besides the existing 1099-Misc (Miscellaneous Income) form, additional 1099 forms could be required.

The Internal Revenue Service (IRS) requires businesses to file a 1099 form to report certain payments made to individuals and organizations. Whether a payment is reportable on Form 1099 depends upon the payment amount, payment type and the supplier's business entity type. In order to facilitate the tax reporting process and provide a way to fulfill IRS regulations, AP1099 functionality has been enhanced in the Epicor ERP application with a United States CSF license. This functionality includes 1099 setup, processing, and reporting. Epicor provides three predefined 1099 forms: 1099-Misc, 1099-DIV, and 1099-INT. You can also add other required forms.

AP Open Invoices With 1099 Details

When you enter AP Invoices that were created outside the Epicor application in the **AP Open Invoice Load** program, you can provide the 1099 Type and Code information and mark such invoices as paid on the **USA** sheet. Default 1099 values are taken from the Supplier record.

After you post the paid invoices, the system includes them in all 1099 report calculations along with ordinary paid AP invoices.

Menu Path: Financial Management > Accounts Payable > Setup > Open Invoice Load

Extension and Companion Programs

This section describes programs designed specifically for ERP and the ICE framework, programs designed for ERP and other Epicor products, and integrations to third-party products. These programs extend the base functionality of your ERP application.

Epicor Mobile CRM

Epicor Mobile CRM is a Companion Mobile Application designed to implement the Epicor ERP 10 back office CRM capability optimized for Mobile devices. The application leverages a RESTful services model to connect directly to the back office business logic offering real time transactions.

The Mobile CRM Application is directly connected to your Back Office system ensuring real-time access to live data. All transactions from Mobile CRM are updated directly to the Back Office ensuring that the Mobile Sales Force and the Back Office team are sharing the exact same information at all times. Data is synchronized to the mobile device and is available for offline viewing.

Azure AD Authentication

Mobile CRM supports Microsoft® Azure® Active Directory (Azure AD) authentication using Epicor ERP credentials, including support for multi-tenancy configurations where each tenancy uses a different directory in Microsoft Azure. Note that Windows authentication is not supported for Mobile CRM.

Tip For a complete information on how to configure authentication of ERP application users against users in Azure Active Directory (Azure AD), review either of the below sources:

- **Epicor ERP Application Help**: System Management > Working With System Management > System Administration Guide > Manage Epicor ERP > Authentication (User Identity) > Azure AD Authentication
- **Epicor ERP 10 Installation guide**: Appendices > Azure AD Authentication

Sales and Tax Category Options for Quote Lines

The **Sales Category** and **Tax Category** fields have been added to the **Opportunity/Quote > Add Opportunity/Quote Line** screen to designate which sales category applies to this quote line, and specify a tax category applied for the part being quoted.

Ability to Specify Tax Liability and Tax Exempt for Customers

The **Tax Liability** and **Tax Exempt** fields have been added to **Customers > Add Customer** screen to search for and retrieve tax liability values from the backoffice application, or indicate if the customer is entitled to tax exemption.

Ability to Create Orders from Quotes

Use the **Convert to Order** command in the **Opportunity/Quote Details** screen to convert selected quote in a sales order. Use the **Opportunity/Quote Lines** screen to select the quote lines you want to include in a sales order created.

Note You can convert opportunities/quotes to orders only if you have the **Full Office** license.

Add/Edit Sales Orders

Use the **Add Order** command on the **Orders** screen to add sales orders, and the **Edit Order** command on the **Order Details** screen to edit sales orders. Use the **Add Order Line** command on the **Order Lines** screen to enter new lines and the **Edit Order Line** command on the **Order Lines Details** screen to update order lines' information.

Note You can add/edit sales orders only if you have the **Full Office** license.

Order Shipment

Use the **Ship** command on the **Orders Details** screen to ship the selected sales orders. You can enter/edit Order Shipment Lines details on the **Order Shipment Lines Details** screen.

Note The Order Shipment functionality is only available if you have the **Full Office** license.

Customers Map

Use the **Map** screen to search for customers, identify opportunities while in the area, get travel time and directions to the customers.

By default the map displays your current location and the nearby customers within a 10-mile radius. You can change this radius to see more customers.

Use filters to narrow the customer search or switch between the map modes.

When the search is complete, tap the required customer to view the details or get directions. Note the route displays in the Google Maps app.

Use the **Customer List** field to see the selected customer on the Customers screen or search for a particular customer.

Inventory Search

Use the **Inventory** screen to search for parts and verify the available inventory in your warehouses to make sure you have enough stock before creating orders for customers.

By default, all parts are selected.

Use **Filters** to retrieve part records for a specific warehouse. By default, the main warehouse is selected.

Press any part record to view inventory quantities for the this part on hand and available within the selected warehouse.

Discount Percentage for Opportunity/Quote

Use the **Discount %** field to enter the discount percentage for an opportunity/quote. The added percentage displays on the **Opportunity/Quote Details** screen.

Credit Hold

Select the **Credit Hold** check box in the **Add Lead** or **Add Customer** screens of the Lead and Customer modules to indicate if a customer is on credit hold.

Note This check box is selected by default. It is cleared after the customer is removed from the credit hold list in the ERP Application backoffice.

Order Line Comments

Use the following comment fields on the **Order Line** screen in Order module to define notes that describe additional aspects of an order line:

- **Sales Order Comment**
- **Pick List/Job Comment**
- **Pack Comment**
- **Proforma Invoice Comment**

Note These comments display on various query windows in ERP Application. They also print out on the **Sales Acknowledgment**, **Pick List**, **Packing Slip**, **AR Invoice**, and **Pro-Format Invoice**.

Use **Comments** field in the **Add Opportunity Line Details** form on the **Add Opportunity/Quote** screen in Opportunity/Quote module to create comments for a specific line.

Additional information is available at the Education and Documentation areas of the EPICweb Customer Portal. To access this site, you need a Site ID and an EPICweb account. To create an account, go to http://support.epicor.com.