



Horizons International Manufacturing Suite

*Life Sciences, Batch Processing and High Tech Manufacturing Software
for Microsoft Dynamics GP*

Dynamics GP Version: GP 14 (2015)

Horizons Version: HMS 14 83

Latest code (v 83) is only compatible with GP version 2015

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HMS 83 RTM 3.09 to 81 sp2-4.2.139 2-1-2015

83 RTM is compatible with Dynamics GP 2015 RTM
82 sp3 is compatible with Dynamics GP 2013 service pack 3 (R2)
81 sp2-4 is Compatible with Dynamics GP 2010 service packs 2 to 4

New in this version:

Router Steps can now be linked to components on a BoM- When a router is attached to a BoM, users can select a router step to apply to components whether using Work In Process or not. When using WIP, update the Component Work Center Sequencing window (click on the Arrow button in BoM Maintenance). When not using WIP, click on the Add'l Dtls button and select the step there. When not using WIP and there are subassemblies below the top level BoM and they use the same component, the highest level that has a step selected will be used.

In Production and using WIP, the step is on the Work In Process window on the second line, in the middle, and can be edited as required. When not using WIP, click on the Show Components checkbox and then on the Details button. The step is on the third line and can be edited as required.

There is also a new Batch Ticket report that uses the router step in the Work In Process table. It is a report used in the HMS Report Viewer that lists the components of a work order by router step. PED 8659

Top Level Parent Item is now linked to MRP Purchasing items - When there are subassemblies, the components of those subassemblies that are in the MRP Purchasing window will now show the Top Level Item and a user can zoom on the prompt to open the MRP Schedule window to that item. The field - Top_Level_Item - is also available to put on the MRP Purchase Schedule report, from the main table on the report. PED 8698

MRP Parent Demand window enhancements - Several fields have been added to the window to show aspects of the item being viewed. This includes - Reorder Level, Standard Lot Size, Minimum & Maximum Lot Size, From and To Dates and the Bucket used - from the MRP Processing window for the Requirement, Total On Hand, On Hand Applied,

Total Demand, Total Planned Work Order Quantity and the Projected On Hand. There is also a new sort option to display the records in Type order (1 - Work Orders, 2 - Sales Orders, 3 - Forecasts, 4 - Stock Check, 5 - Parent Bucket, 6 - Reorder, 7 - Lotsize Bucketing). Two checkboxes are available to hide Bucketing and/or Reorder records. PED 8677

SFC Operation Setup - Added a question to the user to print only the displayed operation or all. PED 8685

Auto Processing 'Get Additional Info' - This option was added earlier. An additional feature has been added to get more than one lot when one does not fulfill the requirement. PED 8686

Trigger to Disable SOP Updates to MRP - Additional processes were added to this trigger in HMS Setup in order to speed up posting of SOP orders by batch. In addition, the trigger no longer keeps a users from calculating the MRP Schedule in order to bring in sales orders for an MRP run. PEDs 8696 & 8689

MRP Purchasing PO Number - This field has been added back to the MRP Purchasing window. It shows the purchase order that the MRP record is linked to after it has been posted to a PO. PED 8683

Production Serial/Lot Picklist - The Expiration Date for the lots shown on the report is now available to be added to the report. The fields are in the IV Production SerialLot TEMP table and are called HZ_Exp_Date. There are 6 fields, but you would only use the first three which are related to the three Serial/Lot Number fields on the report. PED 8681

Auto Create Work Orders From Sales Orders - Moved the Create Work Orders button to the bottom of the window and added validations of selected sales orders and a question if All Sales Orders is set for processing. Available in code for HMS 81 and later dated after 9/24/2014. PED 8673

Generic Text Import for Forecasts - Added a confirmation to the report that prints after the import that all records were imported and the number of records imported. Available in code for HMS 82 and later dated after 9/16/2014. PED 8670

Production Multi-product window - Added a button to Mark All records ready for posting. Available in code for HMS 82 and later dated after 9/8/2014. PED 8668

HMS WIP Setup - Added an option to 'Always Auto-Calculate New WIP Items'. This applies to new records added to the Work In Process window so that a user does not have

to answer the question to Auto Calculate. Available in code for HMS 82 and later dated after 9/8/2014. PED 8668

WIP Work Order Shorts report - A date range has been added for this report in the WIP Reports window. Available in code for HMS 82 and later dated after 8/6/2014. PED 8665

Indented BoM window and report - Labor and overhead from the router on a BoM has been added to the window and report. Available in code for HMS 82 and later dated after 8/14/2014 - PED 8660

MRP Parent Demand On Hand Applied window - Factory has been added to the table in order to show only the records that apply to each MRP run. Prior to this all records for an item from all factory MRP runs show in the window. PED 8644

MRP Planned Work Order window - The Batch that is entered on the MRP Processing Compile window is now saved in the table and will default into the MRP Planned Work Order Preview window when it is opened. PED 8612

MRP Schedule window - A new checkbox has been added to the bottom of the window called 'Show Excluded Forecasts'. When MRP is run, any Forecasts that are excluded by the options on the MRP Compile window will not show in the Schedule window unless this checkbox is marked. Prior to this the records did show and thus the Result numbers did not make sense. Available in code for HMS 82 and later dated after 10/8/2014 - PED 8503

Multi-factory - If you have code with a date in the HMS Versions window earlier than October 8, 2014 and are planning to implement Multi-factory, please download the latest code in order to have the latest fixes and enhancements for Multi-factory.

HMS Serial/Lot Setup - Added a password to allow users to edit Serial/Lot records when CSLS has been used to perform WIP Transfers. Available in code for HMS 82 and later dated after 9/5/2014. PED 8667

Fixes/Resolutions

If you have code dated after the Resolved Date then the fix is included in that code.

MRP

MRP suggesting too much for planned work orders when using the Lot Gen window - The result of using this window can be multiple posting locations which does not equal the quantity used in MRP because only one location is used by MRP as the default. Changed the Work Order BTS On Hand process to not be location specific. Resolved 7/29/2014 - PED 8663

Subassemblies from manually entered parent Planned Work Orders showing the wrong quantity. Resolved 11/18/2014 - PED 8690

POs missing when using the new Multiple Locations Setup on the Multi-factory window and still having records in the old Multiple Location Setup window. Resolution is to remove the records from the old window which is found on the HMS Cards menu - Quantity Locations. Users can drop/create/delete the IV MRP Quantity Locations table (BOM50416) using SQL Maintenance, HMS File Maintenance or a SQL Query. Resolved 10/2/2014 - See Multiple Locations for more information. PED 8675

Exclude Forecasts checkbox in the MRP Processing Compile window not defaulting from MRP Setup. Resolved 7/8/2014 - PED 8661

MRP Lotsizing using the Minimum Lot size for the Reorder Level if it is greater than the reorder quantity. This has been removed so that only the reorder quantity is used. Resolved 9/26/2014 - PED 8674

MRP Schedule report not restricting correctly when using Multi-factory. Resolved 10/8/2014 - PED 8678

Blanket POs in MRP Purchasing not showing all information. Reorder records have been created, but there seems to be enough POs to cover the need. Changed the processing to show the correct dates for the blanket POs lines. Resolved 11/11/2014 - PED 8684

MRP Purchasing - Quantity Sources window not using new Multiple Locations Setup to get on hand. Resolved 12/16/2014 - PED 8694

Forecasts not being included in an MRP run when Future Days filled in and the Forecast is between today's date and the GP User Date. Resolved 1/27/2014 - PED 8704

Reorder Quantity not correct in Parent Demand window for Reorder records. This is a display only issue. The calculations are correct. Resolved 1/27/2014 - PED 8706

No message when a Multi-product work order has not been calculated and the components are not included in the MRP run. Added the message - "This MPP work order must be calculated or components added in WIP in order to compile components for MRP". Resolved 1/28/2014 - PED 8707

BOM

Approval Date & User disappearing. If the BoM Maintenance window is open when adding or updating records in the BoM Approval window, the changes are not saved. Resolved 12/16/2014 - PED 8693

Production Entry

The Hours and Minutes updated in the Dates window to do not stay after a work order calculate. The fields have been disabled now because they are updated by the total from records in Time Entry. Resolved 9/17/2014 - PED 8671

Wrong label for Planned Scrap in the Production Distribution window for a history work order only. It was being labeled as "-Scrap UnPland". Resolved 8/19/2014 - PED 8666

Shop Floor Control

Cannot type more than 500 characters into the Operation Note on a router. This has been changed to match the length of the note in Operation Setup. Resolved 1/12/2015 - PED 8699

Work In Process

WIP Location table records not being removed when work orders posted. This was not happening for non-Serial/Lot tracked items. Resolved 1/20/2015 - PED 8700

HMS 82 sp3 3.50 - 81 sp2-4.2.131 7-1-2014

82 sp3 is compatible with Dynamics GP 2013 service pack 3 (R2)
81 sp2-4 is Compatible with Dynamics GP 2010 service packs 2 to 4

New in this version:

Cascading Work Orders - Combine Subassemblies - Like subassemblies under the same Top Level Work Order can now be combined into one subassembly work order with the earliest date applied to it.

Auto Processing - Supply Missing Info - An option has been added to HMS Setup to 'Supply Missing Auto Process Info'. When all that is available is the Work Order #, Component Item Number, Serial or Lot Number and Component Qty, Auto Processing will add the item to the work order if it is not already there or use the existing one and transfer the quantity passed in. If the item tracks serial or lot numbers then a search is done to find the first one that matches and that is used. The CSLS table is also updated with the new component when the transfer is done, so that it is in synch next time users enter CSLS. This is in version 82 only.

SFP Transactions - This is in version 82 only.

1. Allow Orphaned records to remain in the SFP Trx window until manually processed thru.
2. Added an option to HMS SFC Setup to make the posting error a critical error so that user would not post the work order until the time records are posted.
3. Added the means to delete records in the SFP Trx window.

BoM Maintenance FG Defaults - Added 'Ask To Create Work Order From Sales Order'. This is in version 82 only.

BoM Maintenance Labor/Overhead window - Added Unit of Measure. This is in version 82 only.

BoM Treeview – Added Item Description and enlarged the default window size. This is in version 82 only.

HMS Serial/Lot Setup – Added ‘Auto Select Lot Numbers By Expiration Date’. Also added this sorting option to the Production Lot Entry window.

HMS Lot Generation - Added a checkbox at the lower left to sort the window by Lot Number. When unmarked the sort is by sequence entered. This is in version 82 only.

Fixes/Resolutions

MRP

All MPP item qty not being added in MRP On Hand Applied window - The total quantity of multiples of the same item on MPP work orders is not being updated to the On Hand Applied window total for a work order. PED 8646

MRP Purchasing Summary not getting Site ID on some records. PED 8613

BoM

HMS - GP Item Vendor Maintenance and GP Item Maintenance (the HMS version of these windows)- Fixed link errors when displaying a Item/Vendor record, using the Copy function in HMS GP Item Maintenance and the Document Attach functionality. PED 8639



Production

Cannot change By-Product Bins - When the location is changed for a Byproduct, the bin cannot be changed. The S/L number can be changed as well as the bin on it, but it does not update the Bin record for the item in Byproduct Entry. This only applies to serial/lot tracked items. PED 8656

Auto-lower of Qty To Post not correct when using WIP. If stock has not been transferred to WIP, the Qty To Post is lowered when it should not be. PED 8640

The default option to Not Use Work In Process that is in HMS WIP Setup was not being updated to work orders when the work orders were created from MRP or Cascading Work Orders- PED 8651

Getting message - This Work Order Already in History when entering an existing work order number manually. The Sequence Number was not being set to the existing open work order sequence after having done at least 1 partial post. PED 8655

Serial/Lot Entry

As Is components calculating the wrong quantity when using Batch Calculation and not using WIP. PED 8647

Lot Numbers not being auto-selected when not using Work In Process. PED 8653

Work In Process Inquiry (Transfer Inquiry)

Fixed issues with the window not finding the correct work order and not restricting to just that work order. PED 8657

82 sp2 3.30 & 81 sp2-4.2.128 - 3/5/2014

82 sp2 is compatible with Dynamics GP 2013 service packs RTM to 2
81 sp2-4 is Compatible with Dynamics GP 2010 service packs 2 to 4

New in this version:

Production Entry Text Field is now available on the Production Entry Work Order Detail window accessed with the 'Work Order #' prompt. This note field can be updated manually and is also automatically updated with a manual change of the Production Status on the Production Entry, Production Finals window or the Shop Floor Processing external application.

Shop Floor Control Rework - This new window is accessed from Traveler Processing or the Production Traveler windows. The purpose is to rework a finished good starting at a specified router step, create a new router for the Rework, scrap any components that were lost and transfer new components to replace the scrap. The new router can be printed out for distribution to workers.

ECO Multi-BoM Maintenance - The means to easily enter multiple variations for a Bill of Materials has been added to the HMS Engineering Change Order module. Existing ECO BoMs can be copied or entered manually to create new revisions. The revision number can be changed as needed when ECO Setup allows for the editing of existing ECO BoMs.

HMS Setup main window - Use Standard Date Entry w/Work Center Usage - This option addresses an issue with having to enter an additional day in Time Entry when time is for more than one day. Now, enter the dates as expected - for example a start date of 1/1/2014 and end date of 1/2/2014 is one day. Marking this option will also use the Usage Hours in Work Center Setup for the work center entered on the Time record instead of the Work Hours In A Day from HMS Setup.

Service PO - Time Entry records added for HMS Service PO will now be recalculated when not using Work In Process. This is for Time records that have a Per Unit, Per Hour or Per Minute type set for them.

Work Center Setup - A Sequence Number has been added for work centers so that they can be user defined by sequence. The work center lookup allows for sorting by this new value.

WIP Setup Transfer Option - A new option has been added to WIP Setup - 'Do Not Auto-Lower Qtys On Returns To Raw Goods'. This means that when a return to stock is done with a WIP Transfer the Production Finals window Good Qty will not be automatically lowered.

HMS Posting Setup - Added the option 'Retain SOP Balance Remaining As Qty Back-ordered'. When using Auto Allocate SOP during a work order post and the Qty To Post is less than the WO Qty, the balance is canceled when the option in HMS Posting Setup 'Automatically Change SOP Qty If WO Qty Not Equal' is marked. This new option will backorder the balance instead.

Production Alternate Calculation Method (version 82 only) - This Production Entry option allows users to apply a different calculation to specified components on a work order. The component must first be set in BoM Maintenance by marking the Alt Calc checkbox that is on the third line of the Components window. When a work order is created for this BoM then the same option in the Production Component Detail window will be marked, or a user can mark it on the work order if needed. This updates a field in the BOM50201 table called 'Cost Code Type' to a value of 1 (for true). When a user opens the Work Order Detail window and enters a quantity in the 'Alternate Calculation Qty' field and tabs off, the quantity of the marked components will be multiplied times the Alternate quantity entered, instead of the Qty To Post that is normally the basis for the calculation. The result appears in the Production Finals - Good Quantity field. The result will be added to any quantity already transferred to WIP and any scrap entered will remain as it is. In order to avoid combining with quantities transferred to WIP it is advisable to set the Final Location for these components to the Raw Goods location so that transfers are not required. If a change is made to the Qty To Post and the option to update Qtys Actually Used is marked, then the Finals Good quantity will be updated and the Alternate Quantity Calculation overwritten.

Production Serial/Lot Log (version 82 only) - An option has been added to HMS Serial/Lot Setup to enable a serial/lot log that tracks the transfer and posting of serial and lot

numbers. This can be used to track down issues with the posting processes. Mark the new option called 'Use Serial/Lot Posting Log'.

Production Work Order Status Change (version 82 only) - When the status is changed on a work order, a line will be added to the note in the Work Order Detail window stating the change and who performed it.

Multi-product Production finished goods (MPP) - When an item is added in this window, the defaults from the work order batch and/or BoM Maintenance - FG Defaults will be used if they are valid.

Allow MPP work orders to be deleted with errors - This allows users to post a work order without Posting As Complete and then delete the work order afterwards. This does not stop any material variances from being posted. It will keep the final variance from being posted.

Auto Processing Errors - An option has been added to the main HMS Setup window - 'Do Not Print Auto Process Success Messages'. This will shorten the report or it will not print if everything transfers without errors.

Splitting Work Order As Is Components (version 82 only) - An option has been added to the main HMS Setup window - Allow WO Split Of As Is Components. Prior to this all As Is components would remain on the source work order. This option allows the quantity to be split on a percent basis of the Original Work Order Quantity to the new Work Order Quantity.

Use HMS Item Maint. Expiration Days - When creating new finished good lots for work orders the expiration date will be set if the field in HMS Item Maintenance called Shelf Life is filled in. The date will be set to today's date plus the number of days entered for the item when the work order is first calculated. If that date is incorrect, the lot expiration date can be edited in HMS Production Serial/Lot Entry.

Auto-Post SFP Transactions (version 82 only) - The SFP Transactions window is used for Time Matrix imports and for Horizons Shop Floor Processing module. An option has been added to HMS Shop Floor Control Setup to 'Automatically Post Marked SFP Transactions'. This adds a Timer to the GP Process monitor to check for records in the SFP Transactions table every 5 minutes and process them automatically. The normal SFP report will be printed as well and the destination of the report can now be set up in the HMS Report Destinations window.



Add Multi-lot Capability for Finished Goods (version 82 only) - A new option has been added to the BoM Maintenance > FG Defaults window called 'Lot Creation Unit Of Measure'. When this is filled in and the option in HMS Serial/Lot Setup to 'Auto-create Finished Good Lot Numbers From WO #' is marked, then multiple lots will be created based on the unit of measure quantity entered. If the U of M Qty is 10 and the Qty To Post on a work order is 100, then 10 lots will be created with an incrementing number at the end of each. When the Qty To Post is changed lots will be removed or added as needed. The expiration date on the lots will be the system date plus the number of days entered in the Shelf Life field in HMS Item Maintenance for the finished good item. This date is set automatically when the lots are created with the Calculate of the work order or when lots are added when the Qty To Post is increased. If the expiration date needs to be changed, use HMS Serial/Lot Entry to modify manually.

HMS GL Distribution Report Now in Report Destinations - The destination for the HMS GL Distribution report can now be set in the HMS Report Destinations window. This is primarily for anyone using HMS Auto Processing to post work orders from a hand held device.

Added Show Orphans checkbox to SFP Trx window (version 82 only) - This will display any records that do not have an open work order associated with them.

Add CSLS table to Work Order Split process (version 82 only) - Work orders created by a Work Order Split can now be accessed with CSLS.

Auto-mark button added to HMS Time Entry - Users can now mark all, unmark all or unmark standards only. This refers to the Add checkbox on Time Entry records that determines whether the time cost is added to the cost of the finished good or not. Users that incorporate a router with their work orders may want the time added automatically to the work order and have it automatically marked to add in some cases but not others. This new functionality allows them to selectively update the records all at once.

Mass Delete Open Work Orders - A new window has been added under HMS Utilities to delete work orders by the ranges entered. This works the same as the Remove History window.

Work Order Activity window - A new window has been added to edit and view activity for work orders open in HMS. This is found under HMS Utilities.

Current Sales Order added to Production SOP window - Prior to this, only the originating sales order was being shown.

Errors from the HMS Work Order Import are now written to a report

MRP Processing Compile window - Do Not Recalculate Low Level Codes (For Testing Only) - This option will shorten the time it takes to run MRP when doing testing. Do not mark this for live MRP runs. Changes to BoM subassembly quantities and levels will not be updated and errors will not be reported on BoM Units of Measure.

Fixes/Resolutions

MRP

Items without demand are not including the reorder level in the MRP Purchase Schedule results - PED 8554

No Planned Work Orders are being suggested for reorder levels when there is no demand - PED 8572

MRP Schedule not restricting by batch number and Planned Work Orders - PED 8611

Invalid location message on MRP Compile report - No Locations Found for this item when they are set up - PED 8618

MRP is not creating work orders from planned WOs when clicking the Create WO button on the MRP Schedule window - PED 8622

MRP Requirements Qty on the HMS Quantity Inquiry not including all items to purchase from MRP Purchasing - PED 8552

POs not compiling for MRP Purchasing when using Multi-factory Location Setup - PED 8627

Production

When using the Cascading Work Orders Select window, not all of the selected sub-assemblies are being added as work orders - PED 8610

Quantities incorrect in Inventory with some finished goods posted on MPP work order. This was because the quantity for the unit of measure was not correct on the BoM MPP record - PED 8546

Disassemble is including unplanned scrap - PED 8608

Overrides for components not showing on HITB - PED 8537

Qty Fulfilled not set right when using SOP Fulfill option to Backorder in HMS Posting Setup - PED 8545

Lots being allocated and set as sold during the work order post-transfer of post-back quantities- PED 8549

Costs not hiding fully on Production Entry window when using BoM Security - PED 8617

The Unpost WIP process is posting unbalanced to GL. The credit and debit differ by one cent - PED 8620

FG Default costs not calculating on work orders - This only affected those who received code from Jan 10 2014 to March 1 2014 - PED 8628

Getting multiple pages of unrelated errors when un-posting Time Entry WIP - PED 8619

Serial/Lot Entry

Editing the expiration date on a finished good lot record causes it to be 'not found' when posting - PED 8575

Shop Floor Processing

SFP Trx window will not remove orphans - PED 8596

Work In Process

Components on a work order using a percent of finished good to calculate the quantity are incorrect after a work order partial post or when the Qty To Post is changed and the components are recalculated - PED 8586

WIP Transfers do not allow for more than 50 Lots being transferred at one time. this has been increased to 10,000 - PED 8609

When using the Update Quantities button in WIP Transfer and components are being returned to stock, getting an error that not enough stock is available - PED 8539

Some transfers done using Auto Processing are not remaining attached to work orders or not being transferred at all - PED 8562

WIP Transferring to No Default Bin even after the defaults are entered in GP - PED 8578

Getting first location for item when adding an item to WIP even though the normal WIP default is set up for the item - PED 8606

Utilities

Work Order Import not importing the Router - PED 8589

GP 2013 Smartlist export to Excel from HMS shows all numbers as zero when in Excel. - PED 8621

82 spRTM.3.9 & 81 sp2-3.2.78 - 03/29/2013

82 spRTM is compatible only with Dynamics GP 2013 RTM version
81 sp2-3 is Compatible with Dynamics GP 2010 service packs 2 and 3

New in this version:

Multi-Factory Manufacturing is now available. This allows work orders and the MRP Schedule to be segregated according to the Factory that the work is done at. Each Factory relates to a set of Locations (GP Sites) for Raw Goods, Finished Goods, Work In Process, Sales Orders and Purchase Orders. MRP can be run for the same items at different Factories, This means that the MRP schedule for an item can contain any number of Factory records and the window can be restricted to a specific factory with its own records and totals. Each Finished Good has its own default Factory and each component can be specified for a specific Factory. When no Factory is designated, the component applies to all Factories. This effectively allows one BoM to be used for multiple work order scenarios. Multi-Factory Setup also allows for more than one Location to be applied for any of the Location Types such as Finished Goods posting, so that another location can be looked up on the work order to post the finished good to. Multi-Factory is also available in HMS version 81 for GP 2010.

MRP Purchase Summary window - This new window allows all like items in the MRP Purchasing window to be summarized to one line in order to create only one line on a Purchase order. The earliest date of the items' demand records will be used for the Order By date. The new window is accessed with a button at the bottom left of the MRP Purchase window. Most of the functionality that is in the MRP Purchase window has been applied to the Summary window. When posting the Requirements to Purchase Order, the new checkbox to 'Post Summary Records' must be marked in order to post the Summary records.

Lot Trace - This allows a user to trace the work orders that a specified lot has followed. Either a Trace Up of a component or a Trace Down of a finished good can be done. See the help for Lot Trace for more information.

HMS Auto Processing - This module will be available soon. This allows auto WIP Transfers, Work Order Posting and the creation of Time Entry records from the shop floor using a hand held device or computer program. The functionality in this module can be used by existing vendors of scanning devices to incorporate support for scanning transactions related to Horizons Work Orders, providing end users with a broader selection of such vendors in this key area. This module will also support in house or custom development teams who may want to use Auto Processing to update work orders from other types of measuring or monitoring equipment. See the help section on Auto Processing for more information. Will also be available in HMS version 81 for GP 2010.

Bill of Materials Security - This is a new Setup window under HMS Maintenance that allows specified Bills of Materials to be restricted from being viewed by specified GP users or GP user classes. BoM Parent Items can be selected individually or based on an Item Class, Generic Description or specified Item Category. There is also an option to restrict All Items. Will also be available in HMS version 81 for GP 2010.

Cascading Work Orders - has been added to Production in order to link subassembly work orders to their parents. This is a Job Shop feature that allows tracking of the job through all of the levels of the BoM. See the help for Cascading Work Orders for more information. Is also available in HMS version 81 for GP 2010.

Do Not Show Costs in BoM Maintenance - This restriction is set up using the HMS BoM Security window. When the Hide Costs checkbox is marked, the security record cannot be used for BoM Security.

Lock All Fields In BoM Maintenance - This restriction is set up using the HMS BoM Security window. When the Disable BoMs checkbox is marked, the security record cannot be used for BoM Security.

Option To Use The BoM Total Weight Field For Total Quantity - The option 'BoM Quantity Total Method' has been added to the Main HMS Setup window.

HMS GP Item Maintenance - For Light Users on GP 2013, HMS users can create and maintain items using this new window. It is a copy of the GP functionality.

Disassemble Of Lots - The ability to disassemble multiples of the same Lot Name on one work order has been added to HMS Production Disassemble. Prior to this HMS combined and Lots on a work order with the same name into one record when posting to history. A new table has been added to track these multiple lot records. The old table is still used as it was. The new tables are HMS_Dissassemble_SL_HIST (BOM50316) and IV_Production_

Serial_Lot_HIST_LOTS (BOM50317). Is also available in HMS version 81 for GP 2010. You will need to run the HMS Utilities - Install and Updates option called 'Copy History To Multiple Lots Table'. This is the last entry on the Install and Updates window drop down called Documents/Tables Updates.

The GL Account for each item record can now be changed on the Disassemble Post window. Is also available in HMS version 81 for GP 2010.

Added 'Show Marked To Post Only' checkbox to the MRP Reports window. This will restrict the MRP Requirements report to show only the records that are marked in the MRP Purchase window. Is also available in HMS version 81 for GP 2010.

MRP Processing Timer - This adds a calendar function for running MRP. The setup is similar to the setup of a calendar event in Microsoft Outlook. MRP can be scheduled to run at a specified time on specified days of the week. A specific MRP Processing Requirement ID record can be specified, or if left blank the last record in alphabetical order will be used. Specifying the Processing Record allows several Multi-Factory runs to be scheduled. The computer to run MRP on must also be specified. The computer name is looked up from the HMS Versions that are listed in the HMS User Activity window - Versions button. When a computer running HMS logs into GP, HMS captures the name of the computer and stores it in the Versions table. Is also available in HMS version 81 for GP 2010.

SOP Holds For MRP - In HMS MRP Setup a new option has been added to skip any Sales Orders that have the designated Hold applied to them. This is setup on a sales order using the SOP Holds window. Is also available in HMS version 81 for GP 2010.

The MRP Late Bucket will now rollover into the Current Bucket. This means that any planned work orders will show in the current bucket rather than one in the Late Bucket and one in the Current Bucket. Is also available in HMS version 81 for GP 2010.

A New 'No SPO' column has been added to the MRP Purchase Supply/Demand report. This can be used to compare to the MRP Purchase Summary window total for each item. The column total includes only the supply and demand records without the suggested POs. Is also available in HMS version 81 for GP 2010.

MRP Runs Can Now Be Aborted - If it becomes necessary, an MRP Run can be aborted by simply marking the Abort MRP Run checkbox on the MRP Processing window. When the code next checks for that checkbox status the run will be stopped. Is also available in HMS version 81 for GP 2010.

MRP Schedule Planned Work Order number is now shorter so it will show on reports easier.

The SOP Inquiry and Work Order Inquiry buttons that are on the Alternate SOP Entry window have been added to the Additional option for the window. This means the options are available even when the Alternate form is not being used.

HMS Production History Inquiry Quantity Prompts have been changed. In order to make easier sense of the numbers on the Inquiry window the Qty To Post has been changed to Qty Posted; the Qty Posted has been changed to Previously Posted; A new field has been added for the Total Posted. This field has also been added to the history table so taht it can be viewed in Smartlist. Is also available in HMS version 81 for GP 2010.

The Original WO Qty has been added to the Dates window in Production Entry and History. This shows the Work Order Quantity that was first saved when the work order was created. Is also available in HMS version 81 for GP 2010.

A Multi-level recalculation has been added to the Cascading Work Orders window. This calculates all work orders in the tree from the bottom up. Run this before printing the HMS Crystal Cascading Work Order Cost Report in order to make sure all costs are rolled up completely. Is also available in HMS version 81 for GP 2010.

Job Number has been added to the Production Work Order lookup and a key added to sort by it.

User ID has been added to Report Destinations - This makes it possible to define the print destination based on a specified user. When this field is blank it applies to all users not defined. This is very useful in order to designate the print destination for the computer designated for HMS Auto Processing.

No Dashes are allowed now in the last 7 characters of the work order number. In order to avoid issues with automatically incrementing the work order number, this restriction has been applied. Is also available in HMS version 81 for GP 2010.

Do Not Show Use Multiple Locations Message when Running MRP - This option has been added to HMS MRP Setup. When a user does not use Multiple Locations because they only have one location, the message that comes up when starting an MRP run will not show.

Delete Old Item When Add As New - Alternate Lookup Default - This option has been added to HMS WIP Setup. It is a default for the new option in the WIP Alternates lookup window.

An 'Allergen' field has been added to HMS Item Maintenance. This is a field that allows users to designate the allergen level of a product for reference purposes.

Shop Floor Scheduling now updates the work order Ship By Date under the following condition - the Ship By Date is updated if the Finish Date plus Ship Prep Days is greater than the current Ship By Date. Is also available in HMS version 81 for GP 2010.

Traveler Steps are now editable in the SFC Work Order Status window. The Calculated Build Start and Finish Dates have also been added to the window. Is also available in HMS version 81 for GP 2010.

The Ship By Date is now editable on the SFC Scheduling window and the SFC WO Status windows. Is also available in HMS version 81 for GP 2010.

Links have been added to the HMS Work Order Inquiry window to open the Production Entry and Shop Floor Work Order Status windows. The Work Order Inquiry window is opened from the HMS Alternate SOP Entry window. Adding these links makes it possible for SOP users to see and work with work orders if required. Use GP Security to control access to these windows if some users should not be able to open them.

Grant Permissions has been added to the HMS File Maintenance Delete tables process. There is also an option at the bottom left to display the SQL table names in the Select-From list. Is also available in HMS version 81 for GP 2010.

The Production Calculation Error report table is now a real table (BOM50810). All calculations done will remain in this table until they are cleared out by dropping/creating the table or running a query in SQL.

A check for duplicates has been added to BoM Maintenance when entering a component. This checks both up the tree and down to make sure the component being added is not a parent item (has a BoM of its own) in another BoM of the tree.

Double Click on a Treeview window does not work in the new Web Client. The Cascading Work Orders window uses this feature. In order to get around this a 'Go To WO' button has been added to the window to open the work order highlighted in the tree.



Fixes/Resolutions

MRP

Restriction for showing only Late Suggested POs not working - PED 8531

The restriction will now apply only to the view when the Supply/Demand checkbox is not marked.

PO Lead Time should not be used for Supply in MRP Purchasing - PED 8532

Planned Work Orders showing in the Supply/Demand view were showing a Order By Date that included the Purchasing lead time, thus giving an incorrect date. The Required Date for these is always the Start Date of the Planned Work Orders so the Order By Date will be the same date now.

Production

Subassembly labor not included in parent overhead calculation when the option in FG Defaults to include that labor is marked - PED 8492

Time calculation wrong after changing the Qty To Post with a small decimal run time on the Time record - PED 8497

The time was being zeroed out after the recalculation.

GL Trx Reference not being updated when posting overrides and the override record is not fully applied to by the posting- PED 8472

BoM Maintenance

Fixed an issue with an infinite loop (lockup of GP) when sorting by Sequence Number and opening the BoM Treeview and there is more then one component with the same sequence number - PED 8534

CSLS

Component Serial/Lot records not being restricted fully when using CSLS - PED 8507

It was possible to change the lots in the HMS Serial/Lot Entry window after CSLS was used to select the lots. The components will not show now and a message given that CSLS has been used to transfer the components.

HMS Crystal Reports

Crystal Production History Variance report giving error - PED 8494

The report had a design error that was corrected by using a different method on the report

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81 sp2-3.2.93 - 05/14/2013

81 sp2-3 is Compatible with Dynamics GP 2010 service packs 2 and 3

New in this version:

ECO - When registered for ECO but there is no ECO applied to a BoM parent item, the ECO and Rev fields on the Alternate GP Item Maintenance window will now be updated from the ECO and Rev fields in HMS Item Maintenance.

Work In Process - An option has been added to WIP Setup to not Auto-Decrease WIP Qtys With Returns

Shop Floor Control - A sorting option drop down has been added to the Work Center Lookup. A Sequence check has also been added to the Work Center Setup window to help in keeping duplicate sequence numbers from being entered.

Production Posting - An option has been added to HMS Posting Setup to 'Retain SOP Balance Remaining As Qty Backordered' when using the 'Auto-Allocate/Fulfill Non S/L SOP Items' and 'Automatically Change SOP Qty If WO Qty Not Equal'. When the new option is not marked any unfulfilled balance is set to the Canceled Qty on the Sales Order Line. The new option will set the quantity to Qty Backordered so that it will be there for future partial postings of the work order it is linked to.

Fixes/Resolutions

Reports

[Overrides for components not showing on the HITB report - PED 8537](#)

Production

When the Update Qty's button is used for returns in the WIP Transfer window, an error was occurring stating that there was not enough stock, when there actually was enough- PED 8539

Service PO

When not using Work In Process for a work order, Service PO Per Unit records in Time Entry will be now be recalculated - PED 8530

81 sp2-3.2.59 08/21/2012

81 sp2-3 is Compatible with Dynamics GP version 2010 service pack 2 and 3
Some of the issues, noted below, are also fixed in HMS 10 79 build 53 and later

New in this version:

The New Multiple Locations Setup requirements have been changed since the initial release - see below.

Horizons code will now be distributed as a dictionary. A chunk file will be included for new installations that has only the minimum code necessary to add info to the Dynamics set file. It will not contain any code to run the Horizons product. For new installations, load the chunk file, then copy the Bom.dic that is in the installation package to the GP directory and overwrite the install dictionary.

The HMS version for CSLS and Lot Holds has been incremented to 2 for this release of HMS for GP 11. In the version above in the header it is the '.2'

Added Integration to GP Item Allocations window. You will now see Horizons Manufacturing as one of the modules that can be selected to view Serial and Lot number allocations. HMS does not allocate non-Serial/Lot items, so those will not show. The showing of HMS allocations is handled by a trigger script.

Added 'Late Bucket' to MRP Processing - When MRP is run, a Late Bucket will be created that will show in the MRP Schedule after the run. All late supply and demand will be shown from the Start Date entered on the MRP Processing window up to the current bucket (as designated in the MRP Processing Compile window). Any Planned Work Orders that are needed will be summed up into one planned work order that will have a Required Date of the last work day before the current bucket. The Start Date for this planned work order will be set to Today's Date, since that is the soonest it can be started.

New MRP Basic Multiple Locations Setup - This window is accessed using the menu item under HMS Transactions - MRP - Multi-Factory /On Hand Location Setup. **In order for this feature to work, all that has to be done is select the Locations to use in the new setup window. It is not necessary to unmark any records in the old Quantity Locations Setup that was used before this feature.** Items that are exceptions to the basic setup can also be entered in the new setup using the Exceptions button at the bottom of the

window. Enter all locations for the item. The item specific setup overrides the base setup. Marking the Base Setup locations means that new items do not have to be added to the setup unless they need a different setup from the basic.

MRP Scheduling - The Applied To prompt zoom will now open to the Parent Demand window for the Parent Item when zooming on a Parent Demand record in the schedule.

A new table is used in the MRP Schedule window when using Item Groups. This is a real table (IV MRP Scheduling Detail Temp - BOM50439). Along with this a SQL script is now used to add records to this table, increasing the speed considerably.

Floor Stock in MRP now. Floor Stock will now be included in MRP runs when using Multiple Locations. Normally Floor Stock is in WIP when a work order is first calculated. Now it will be considered even when WIP is excluded with Multiple Locations.

Item Groups window - A button (Add SAs) has been added to the top of the window to add all subassemblies from all levels of an item highlighted in the list window, to the selected Item Group .

MPP window and HMS Setup - Added an option to MPP Setup - 'Use FG Qty Total With Any U of M'. Mark this option if you want to see the values filled in on the window regardless of the Unit of Measure Schedule assigned to any of the items on the work order. In order to be accurate, the units of measure must be of a similar type.

Added Login Version Check - This is a check that will be done when a person is logging in. If the version the user has loaded is older than the current code that has been loaded an error message will show - "The HMS version you have installed is older than the one that was last installed by the 'sa' user. You cannot use HMS until you have the same version loaded". This user will also not be able to open any HMS windows that have a registration check on them.

Added MRP errors for items not setup in Quantity Locations to the 'Other' Exceptions report in the MRP Reports window

Shop Floor Scheduling has a new format. The work order number is now on the first line and a Process button has been added to the top of the window to schedule the work orders. Work orders can be multi- marked to process or, if none are marked, just the one that is highlighted will be scheduled. Clicking the Process button will schedule all of those that are marked. The Priority field is no longer used to schedule a work order. It can be changed as required or not changed at all.

Shop Floor Scheduling can now schedule and reschedule multiple work orders at the same time. Mark the work orders to schedule, click the Process button to do the scheduling. The priority field can now be updated or not. It no longer is used to schedule with.

Fixes/Resolutions

MRP Schedule

Create Work Orders from the MRP Schedule is hanging (PED 8439)

MRP Processing

Work Orders not being applied when new On Hand Location Setup is used (PED 8440)

MPP finished goods and subassemblies are not being restricted according to the MRP Processing window. For example - If an item group is used, only the selected items in the group should be included for demand (not including components). PED 8446

MRP Purchasing

Mark/Unmark not working correctly or not at all (PED 8096) Also fixed in HMS 10 79

MRP Purchase Restrict window gives a SQL error when restricting by Buyer or Group (PED 8431) Also fixed in HMS 10 79

MRP Processing

Items marked as 'No MRP' in HMS Item Maintenance were not being excluded when the option to 'Do Not Run Reorder Level Stock Check On Non-Included Items' is unmarked (8429)

MRP Planned Work Order window

The Planned WO report was not restricting to window restrictions (PED 8435) This was because the report needed to be restricted by the user running the report.

Global

The code was giving errors when SQL 2012 is being used (PED 8430)

Service PO

Crystal Open PO Report - Item description repeated on all records - Parent Item not showing (PED 8402)

Serial/Lot Entry

Lots disappearing after a WIP Transfer (PED 8399) Also fixed in HMS 10 79

Lot numbers were still allocated to the work order, but there was a disconnect with the lot in the WIP GP site. An error would show on the Production Calculate report that some lot numbers still needed to be selected.

Production Transfers

When transferring to WIP and then back to the Initial (raw goods) site, the Serial/Lot records were not correct and the Bins were miss-allocated. (PED 8415) The Serial Lot record still had a quantity but Finals was set to zero. The Bin records were not deducting properly from the WIP site. Also fixed in HMS 10 79

Shop Floor Control

Item router setup not totaling time correctly when days are entered for Run or Flat Time (PED 8408) Also fixed in HMS 10 79

Time Entry

Time Entry per hour cost calculation not including days (PED 8438) Also fixed in HMS 10 79

Work In Process

To location should not be updated for MPP transfers. When the To Location is updated it shows in the GP Stock window. MPP work order transfers reduce stock rather than transferring stock to another location. PED 8326

81 sp2.1.37 issued 5/17/12

81 sp2 Compatible with Dynamics GP version 2010 service pack 2

New in this version:

Added MPP Planned Costs - These are standards that can be used in MPP instead of using a Standard Cost item (periodic valuation).

Added Alternate Item Vendor window - The Designated Vendor has been added to the GP Item Vendor window to make it easier to mark this option for HMS MRP.

MRP Purchasing - Add Buyer restriction to Posting window. This allows a user to post only the records that are for a specific Buyer as set up in GP Item Resource Planning.

MRP Scheduling - Added Planner ID to MRP Schedule Restrict window.

Production History Inquiry - Users can now add notes to the Production History records using the note icon on Production History Inquiry

Fixes/Resolutions

MRP Purchasing

Mark/Unmark not working correctly or not at all (PED 8096)

Shop Floor Control

Router Setup window not displaying the correct total times (PED 8354)

Small decimal minutes in Router setup gives incorrect cost in Time Entry (PED 8389)

Small means something like .001 minutes.

Serial/Lot Entry

Items disappearing after changing the WO Qty or Qty To Post in Production Entry (PED 8383)

The quantity in the WIP Locations window was zero. This only happened when using Issue Only and that process has been run to issue stock.

Production

Override posting to GL not releasing batch for use. (PED 8354) Also, the post date has been changed to use the Post Date for the batch instead of the date of the override (PED 8407)

81 sp2.1.25 & 79 sp5.1.51 - Issued 12-06-2011

81 sp2 Compatible with Dynamics GP version 2010 service pack 2

79 sp5 is compatible only with Dynamics GP 10 service pack 5 (Additions & Fixes as noted)

New in this version:

New in this version:

Added an 'X' button to the Production Serial Lot windows. All Dexterity windows in GP have the problem of not saving a manual change to a single field (not using a lookup or tabbing off) and then clicking on the X at the top right to close the window. In the Serial Lot window, users often make a change to a finished good lot expiration date manually, or the Bin and then do not tab off the field or move to another field on the form. Then just click the 'X' and the change is either lost or an invalid record is created. Adding our own 'X' button allows a user to exit the window in the same way and have those changes be saved.

Added Batch Unit Cost to Bill of Materials Total Cost window

Fixes/Resolutions

MRP

The 'Exclude Forecasts' option on the MRP Processing Compile window for MRP2 will not save (PED 8372)

'Mark All' on MRP Purchasing is marking all (PED 8375) - Also fixed in 10 79 sp5.1.51 The display table was getting all records marked, but the table used when posting is correct.

'Exclude Forecasts' in MRP Processing does not eliminate Forecasts a few days old (PED 8385) This has been fixed, but there is the Forecast Future days can also be used instead by setting the User Date to the past.

When there is Late Demand in MRP Purchasing, late POs were not being included in the Late SPO calculation (PED 8376) - Also fixed in 10 79 sp5.1.51 This happens when there is a long lead time which calculates the demand into the past

Bill of Materials

The basic scheduling that is entered in FG Defaults - Scheduling run time/flat time was not being used when not registered for Shop Floor Control (PED 8367)

Production Entry

In Time Entry the time was not being calculated correctly when a decimal 'Work Hours In A Day' was entered in HMS Setup (PED 8354) - Also fixed in 10 79 sp5.1.51

HITB Report

Components missing from the report (PED 8381) - Also fixed in 10 79 sp5.1.51

Alternate Windows

The Insert All on the alternate Transfer Entry Serial Number window did not work when using Bins (PED 8373)

Reports

The Production Router Variance & History reports were giving an error due to a parameter change on a calculated field. This is for Router only which is not being sold any longer. Users will purchase Shop Floor Router and Scheduling now. (PED 8374)

Serial/Lot

HMS Lot Attributes window freezes when editing a FG Lot (PED 8368) - Also fixed in 10 79 sp5.1.51

Shop Floor Control

Work Center Capacity not being removed when WO posted. (PED 8369) The Capacity window still shows a work order that has been posted complete.

Scheduling script gave no error when there were duplicate WOs. (PED 8371) There were 2 work orders with the same number open - one, a partial, did not post fully because of a posting interruption. This kept the work order from showing in the Shop Floor Control Scheduling window.

81 sp2.1.10 issued 7/14/11 & 81 sp1.1.55 issued 6/14/11

81 sp2 Compatible with Dynamics GP version 2010 service pack 2

New in this version:

Computer Code Versions - This is a new window that shows the versions of Horizons products loaded on each work station. This is designed to help with troubleshooting a wrong version on one or more work stations. If you also own Horizons Configurator, you must have the current version that is compatible with the HMS code.

Selecting alternate items in WIP - awhile ago a new option was added to the [Alternates Lookup](#) to 'Add As New'. This adds the selected alternate to the WIP window as a new item rather than replacing the previous item. When an item tracks serial or lot numbers this is the only method that can be used to add the alternative. Additional functionality has now been added to this option to copy as many values from the old item as possible. This means that fields such as the quantities, As Is, Initial location and Reference Designator will be copied from the original item. Any quantities Transferred cannot be copied - they belong to the item being copied. The Component Sequence Number will also be copied. The user then has the option to delete the old item record or keep it when quantities have been transferred to WIP.

HMS Setup - Added option to WIP Setup for 'WIP Scrap Rounding Options'. In early versions of HMS 78 and before, scrap was rounded up when the next digit after the number of decimals for an item is 1 or greater. After HMS 78 the rounding was changed to always round up if there is .00001 or greater (always round up). This new option allows a user to select to round up the old way or the new way. The options are 'Round Up At 1', 'Round Up At 5', or 'Always Round Up'. If no option is selected, 'Always Round Up' will be used.

WIP History window - This window is accessible from the Production History Inquiry Go To.

MPP window - Added Time Entry to Go To

FG Defaults - Any valid location can now be entered for the 'Posting Location for Parent' when the BoM is an MPP type.

Serial/Lot Inquiry & Serial Lot Gen windows - Added the Note for Serial/Lot numbers, which already exists in Serial/Lot Entry.

Bom Treeview - The window will now automatically expand all levels when opening an item from BoM Maintenance;

Production PickList Report - An option has been added to the Production and WIP Report windows to show the finished good serial or lot numbers. This was removed from the report in the past because of cases where a component was the same as the finished good, when it is not easy to distinguish which is which.

Fixes/Resolutions

MRP Purchasing

**Supply/Demand records not showing the correct quantity in some cases (PED 8342)
Also fixed in 10 79 sp5.1.46**

There was a rounding issue in the calculations.

Serial/Lot Entry

Bogus Serial Numbers created for a finished good when the range entered is less than the number required (PED 8351)

For example: if the quantity required is 10 and a range of 8 is entered and added, there were 10 more serial numbers added starting at 1, after the eight that were designated to be added.

The following were fixed only in 81 sp2.1.10 & 79 sp5.1.46

HITB Report

Overrides not calculating correctly on HITB (PED 8358)

When work orders were applied to existing overrides and there was a cost difference, the difference was not being posted and the quantity posted was wrong.

Time Entry

Run Time entries added from a Router were not calculating the time correctly when the time goes into days. (PED 8354)

This was a rounding issue in the code.

11-81sp1.1.37 issued 02/10/11

Compatible with Dynamics GP version 2010 service pack 1

10-79sp5.1.36 issued 02/10/11

Compatible with Dynamics GP version 10.0 service pack 5

No data showing in grid when Production Transfer opened from Fill Batch Maintenance (PED 8300)

This was happening because the user had not yet made a choice in the 'Transfer From Location' radio button or the 'Transfer to Location' field. When the window opens, the grid will now fill (but the user must still make those selections before making any changes to the components grid).

Show Summary in Production Serial/Lot Entry should only show component items (PED 8302)

This was an issue when opening the window from Fill Batch Maintenance.

Serial/Lot not decrementing when quantity lowered in Production Transfer (PED 8303)

When the user made multiple changes to the Transfer Quantity without leaving the line, the Production Serial/Lot Entry didn't update the quantity correctly so the user could not select the correct quantity of serial/lot.

Error on missing table when Myridas products installed but not registered for Catchweights (PED 8306)

The error was: Invalid object name 'tcsINVTB00020_CW_Alloc'

Batch Defaults change to final location for components not updating the Work Order Detail window to match (PED 8307)

When the user creates an override to the default final location for components in the Batch Defaults window, all the components were changed but the field in Work Order Detail wasn't being updated.

BOM50149 (BOM FG Stds Hdr) not updated when posting standard cost rollup (PED 8309)

If the option in HMS Setup 'Allow Std Cost Rollup Periodic Parent Cost Edit' is unmarked, the BOM50149 table was not populating with the date-stamped standard cost roll details.

Unit Cost and Extended Cost empty when using MPP Planned Costs (PED 8311)

If the finished good item being produced on the MPP work order is marked 'Use Planned Cost and Freeze' in the HMS Item Maintenance Edit window, the unit cost was showing zero (instead of show the sum of material, labor and overhead recorded on the most recent standard cost rollup)

Stored procedures not updated during upgrade or patch install (PED 8312)

This was occurring when a patch was installed, not all users were out of GP and the first user to log in wasn't 'sa'. Added an error message directing the user to re-create the stored procedures using HMS Install and Update.

HMS GL entries not posting through (PED 8315)

When the option in Posting Setup 'Stop Posting At Inventory Adjustment Entry' is marked and the 'Auto Post GL Batches Created by HMS' is also marked, the GL entries were not posting through.

Smartlist error on Disassembly history favorite (PED 8314)

Resolved with v2 of the Smartlist Data Installer script.

Error when opening Multi Product Production Setup (PED 8313)

When the option in Posting Setup 'Stop Posting At Inventory Adjustment Entry' is marked, the user was getting an error "You must unmark 'Stop Posting At Inventory Adjustment Entry' in the Posting Setup window in order to mark this option".

11-81sp1.1.33 issued 01/28/11

10-79sp5.1.31 issued 01/28/11

Compatible with Dynamics GP version 10.0 service pack 5

Compatible with Dynamics GP version 2010 service pack 1

New Functionality

Trinity Catchweights Integration (PED 8224)

This integration is available only to organizations also registered for Trinity Catchweights and applies only to Finish Goods, either non-tracked or lot-tracked (not Serialized) items. The user may enter catchweight information in the HMS Catchweight Details window.

BOM/PE

Partially posted work orders show wrong components in production (PED 8135)

This is only an issue if the customer is not transferring to WIP (The default initial and final for the component are the same site). Example: the work order requires 10 of a component. Before partially posting, the HMS Quantities Inquiry window shows 10 required. Then, partially post 5. Now in the Production Finals Entry window for sequence 2 of the work order, it shows total qty needed is 5. But, in the HMS Quantities Inquiry window it was still showing 10.

Production Distribution history report shows double variance (PED 8180)

This was not posted double to GL, but was only a problem in the history table for printing purposes.

Add 'post as complete' to main Production Entry window (PED 8218)

This flag used to be on the Work Order Detail window, but has been moved to the main Production Entry window making it easier for the user to see if a work order will close short or not.

Add update of Current Cost for Periodic and Service Items (PED 8267)

The field Actual Unit Cost should be updated by the actual cost, for reporting purposes. This field is seen in the Components window.

Mislabeled field in Production History Inquiry (PED 8268)

The field was called 'Qty Issued' when it was actually 'Extended Cost'.

MPP

MPP History window does not display the Unit and Extended Costs correctly (PED 8292)

Both the upper grid and the individual finished goods didn't show the correct costs that were posted to inventory. This was an inquiry problem only (the items were posted in inventory and GL at the correct cost).

MRP

MRP Source Detail window shows incorrect quantity on PO (PED 8204)

When multiple requirements/demands have been combined to create one PO line, this window was showing the total for the PO instead of just the individual requirement. Since the user only needed to know the PO that was created, the quantity field has been removed to prevent confusion.

Item numbers containing an apostrophe (') causing SQL errors (PED 8276)

Utilities

Remove Pervasive file maintenance options (PED 8270)

Removed Integrity Check, Shrink Data and Rebuild Ctree Indexes. None of these are supported on SQL.

Allow standard cost rollup on non-BOM items (PED 8294)

The 'All Items' checkbox has been replaced with 'Non-BOM' in the HMS Std/Current Cost Rollup window. This selection may now be used to calculate a new standard cost using the same methods

WIP

Batch Transfer window initial locations wrong when rolling down. (PED 8233)

When using the Production Transfer window to transfer an entire batch of work orders, the roll-down feature when changing the default initial location to issue from wasn't reliably changing either the location on all components nor the default bins.

Add Total Qty to Production Transfer window (PED 8234)

This field will always show what the original planned quantity was for the component based on the BOM. In addition, the Total Qty prompt will open the Production Finals Entry window.

Component Item description wrong on Bin error report (PED 8236)

If an error report is generated because not enough quantity has been selected in the bins (when using multiple bins in GP), the component description was incorrect.

Planned scrap extended cost not rounding to GL decimals (PED 8247)

Rounding was incorrect for planned scrap, sometimes resulting in inappropriate quantities.

Update Transfer Qty in Production Transfer window not populating the default bin (PED 8200)

This was only an issue when using the button AND running multi-bin. If there are insufficient quantities in the default bin (Material Issues in the Site Default Bins window or Item Site Default Bins window in GP), the user must still open the Multiple Location Selection window to manage the lots.

Invalid site error when closing Multiple Location Selection window and using multiple bins (PED 8257)

Lookup keyboard command missing on site ID in Multiple Location Selection window (PED 8258)

Changing site during roll-down in Work Order Detail window (PED 8259)

When a component is not assigned to the new final location entered in the Work Order Detail window but is assigned to its original default, the roll-down was changing the default final location to the first alphabetical site. Example: a component has 'WIP' as the default final location. The component is also assigned to 'ALTERNATE' site in GP but is NOT assigned to 'OUTSOURCE'. User enters 'OUTSOURCE' as the new final location and rolls that change down to all components. The component in question is being changed to 'ALTERNATE' instead of staying on 'WIP'.

False bin created when returning to initial after multiple site transfers in WIP (PED 8260)

This was happening only under these specific circumstances:

- Using multiple bins
- Item is first transferred from the final location to another 'wip' location
- Item is then returned to initial from the other 'wip' location.

Transfers to additional sites with lot numbers not allocating correctly (PED 8277)

When the lot was transferred through multiple sites in WIP, the bins were not allocated correctly. In some circumstances the bin from one location was being copied to another site where that bin didn't exist. The GP reconcile would add that incorrect bin in the site.

User must chose a wip transfer type radio button and select a transfer to site before accessing the grid (PED 8290)

This was done to eliminate having the user manually change all the bins when changing the quantity in the grid or changing a transfer-to location to something other than the default.

Allocation issues with partial posting and planned scrap (PED 8296)

This was an issue when doing multiple transfers in WIP and partially posting a component with planned scrap.

Serial/Lot

Lots selected from non-default bin stops posting when not using WIP (PED 8235)

This is only an issue when the customer is registered for WIP, but not set up to require a transfer to WIP (default initial and final locations for the components are the same). When the work order was first calculated, the final location and bin gets set to 'WIP', but if the customer doesn't transfer to WIP, then the default final site is populated with the default bin and it couldn't be changed.

Serial/Lot history for Customer and SOP # not populating (PED 8196)

To populate historical data (for transactions posted prior to this fix) use the Utilities Re-create SL History window.

Alternate Inventory Adjustment window allowing duplicate serial numbers to be created (PED 8255)

This was the case when the user created more than one range on a single unposted transaction that had overlapping serials.

Alternate transfer window incorrect for bins when using 'Insert All' (PED)

The to bin was not populating correctly. In order to use this window, the user must enter both to and from bins before clicking the 'insert all' button.

No S/L record for seq 2 of WO for component when nothing issued (PED 8284)

This was occurring when all components issued were used up on the first posting of the work order. The s/l component that required additional stock to be issued for the next posting of the work order couldn't be selected.

Smartlist Integration

Added Reminders for HMS Smartlist (PED 8253)

Quantity Recalc stored procedure will automatically be run when using Smartlist Favorite 'HMS Quantities' (PED 8261)

This Smartlist Favorite runs on the same table that is recalculated in the HMS Quantities Inquiry window. Previously, the user needed to manually recalculate all records in order for the Smartlist Favorite to be accurate. This new functionality only works if the Quantity Recalc stored procedure has been installed.

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10-79b3.9 Issued 11/12/10

Compatible with Dynamics GP version 10.0 service pack 5

Compatible with Dynamics GP version 2010 service pack 1

Serial/Lot

Leave expiration date empty when no shelf life (PED 7896)

When using the HMS Lot Generation window, the expiration date for the lots created are automatically populated when there is a shelf life for the item in HMS Item Maintenance Edit. Previously, if the shelf life field was empty, the lot was created with a lot expiration of the current date. Now, an empty shelf life will produce a lot with NO expiration.

BOM/PE/WIP

Script error on HMS alternate Item Maintenance window

When opening the alternate HMS window, the user was receiving a script error

Change rounding on Batch Calc 'as is' components (PED 8171)

Previously, the rounding was applied earlier in the calculation, sometimes resulting in an incorrect quantity.

Change the prompt for Original Quantity (PED 8228)

In the Production Finals Entry is a field that displays the original BOM quantity required for comparison to the currently issued quantities. That same field is displayed in the Production Work In Process but was named 'Qty to Build'.

Don't allow same serial/lot-tracked component as the finished good on Standard work order (PED 8229)

The system will not allow the user to add a serial or lot tracked component onto a work order in the Production Work In Process that is the same item as is being produced. NOTE: This applies only to a 'standard' work order. The MPP module is specifically designed for this functionality.

MRP

Incorrect demand from partially posted work orders (PED 8181)

This was occurring only when HMS is not set to transfer to WIP. MRP was using the work order total demand for components instead of just the remaining.

Preview window changes next number in HMS Setup (PED 8219)

This was occurring when the next work order number in HMS Setup had more than one non-numeric character, e.g. WO-01-0001. When the MRP Planned Work Order Preview opened, it was creating a series of temporary work order numbers to be used on the schedule.

MPP

Finished Good unit costs rounding when posted from MPP (PED 8191)

When the item had 5 decimals of precision, the unit cost was slightly different when posted into GP inventory.

Unit costs for components not showing in history inquiry (PED 8195)

When the MPP work order was closed complete, the component inquiry in history wasn't showing the component unit costs. If the work order was closed complete without any further posting, the components weren't showing in history at all.

Script error when running Monthly or Bi-Monthly buckets in the Traditional MRP (compile) window. (PED 8202)

The error was 'Invalid month '0' in date function'.

Updates and Utilities

Errors during upgrade when not registered for QES (PED 8194)

After the upgrade process completes, the user receives an error about grant failing. This error is because the code was looking for an 'HQMS' table that doesn't exist if the organization isn't registered for Horizons Quality Suite.

Same issue occurred during the inventory reconcile, if not registered for QES, getting a SQL error on the HQMS_InventoryHold table.

GP Integration

HMS Lists gone from HMS Manufacturing Home page (PED 8201)

Script error when opening HMS Alternate window for Item Maintenance: 'Unhandled script exception: Illegal address for field '[Not Found]' in script 'ShowOrHideReleasedToOnlineCatalogCB'. Script Terminated.

11-81b2.4 Issued 10/29/10

10-79b3.4 Issued 10/29/10

Compatible with Dynamics GP version 10.0 service pack 5

Compatible with Dynamics GP version 2010 service pack 1

Resolutions

MRP/MRP2

When not transferring to WIP, partially posted work orders show incorrectly in the Work Order Planning window (PED 8181)

This was only occurring when the default initial and final sites are the same for the components and sub-assemblies. The quantity for planned work orders for sub-assemblies were being calculated based on the total parent work order quantity, not the quantity remaining to post.

MPP

Cost posted to inventory for finished goods doesn't match what is in the Multi Product Production window on the work order. (PED 8191)

The MPP window allows users to calculate the unit cost with 5 decimals of precision. When the finished goods are posted into inventory, the unit cost was changing slightly due to rounding.

History Component Inquiry not showing unit costs (PED 8195)

After the work order was complete and in history, the component inquiry available from the MPP window go-to was incomplete.

Upgrades

Error on HQMS tables (PED 8194)

When not registered for the Horizons Quality Essentials Suite, upgrade grant permissions was failing to find one or more HQMS tables.

Lists no longer available on the HMS Manufacturing Home Page (PED 8201)

81b1.29 Issued 9/10/10

79b2.53 Issued 9/10/10

New for 79/81!

Lot Mask Generation

This new functionality enables users to quickly generate a multi-segment lot number for finished goods being produced based on a variety of mask types:

- Default (applies to any item that doesn't otherwise have a mask assigned)
- Lot Mask Categories (User-defined categories so only one mask is set up and then applied to multiple items.)
- Per Item (individual masks per item)

Component Serial Lot Select (CSLS)

For organizations that must track serial and lot numbered components, this new window is designed to streamline the production process. Using just one window, manage quantities, over or under issuing to WIP and returns of excess stock to raw materials stores.

For organizations that are also using Horizons Quality Essentials Suite, CSLS will show the quality and inspection lot attributes.

Streamline Posting Process

Most dialog boxes have been removed during the single work order posting and WIP transfer process so that user interaction is only required when necessary. (Should a user require all the dialogs and warnings, the Production Batch posting process is unchanged)

WIP Transfers

- All dialogs prior to completing the transfer have been eliminated except in the case where there are critical errors.

Production Transaction Posting

- When the user clicks 'Post', the only dialog will be a posting confirmation. If the user clicks 'Yes' and there are no critical errors, no other dialogs or error reports will follow. If the user clicks 'No', the posting process is aborted.
- Production Posting window eliminated. The purpose of this window was to allow the user to either eliminate the posting to GL or to change the GL posting date. The

user may no longer choose to not post to GL. Should that be required, the settings in Posting Setup must be changed along with any appropriate settings in GP's Posting setup for inventory and GL. To change the date, the user may change the GP user date, or use batch posting instead (by adding the work order to a Production Batch and changing the GL date on the batch).

- The Production Reports window has been eliminated from the posting routine.
 - All HMS GL reports will follow the settings for GP GL reports. The user may eliminate ALL reports by turning them off in GP Posting Setups for Inventory and GL.

Work Order Linking for Automatic Lot Allocation

Work Order Linking provides automatic lot allocation of the output finished good to the next work order's components. Once the link is set up (with only 1 or 2 clicks), no further user action is necessary. Just post the source work order, and the target is automatically allocated and ready to transfer to WIP.

MPP Planned Costs

For rapid manufacturing using MPP, 'Planned Costs' will populate the Material, Labor and Overhead unit costs automatically without requiring the user to manually calculate the costs.

Lot Holds

For Horizons Quality Management System users, GP Purchase Order receiving and HMS posting routines will automatically put lots on hold pending inspection.

Phantom Batch Calculations

Added in 78, now users can set up phantom subassemblies to use batch calculations.

Enhancements

BOM/PE

Eliminate prompt to recalculate indented BOM when saving BOM (PED 7961)

Use GP Posting Setups to determine output for HMS GL Posting Journals (PED 8019)

In the past, the GL Posting journals generated by HMS were always going to screen. Now, if the GL Posting Journal in GP's Posting Setup has been turned off so the journals won't

print, neither will the HMS GL posting journals.

Report Destinations window for Production calculation and posting reports (PED 8141)

This new window has been provided so users can control when and if calculation reports print. If there is a critical error during the final posting, a report will print to screen regardless of the settings in this window. To have a report not print, the user must unmark all 'Send to' options as well as the 'Print' checkbox.

- Calculation Error Report - This is the report that prints when the 'Calculate' button is clicked on the Production Entry window. It also is generated when the 'Recalc Costs' button is click in the Multi Product Production window. If all boxes are unmarked for this report, the calculation error report will never print when the Calculation button is clicked. It will however always print if there is a critical issue during posting.
- Production Posting Messages - This report will print after a partial post of a work order to alert the user that the work order has not been completed. If all boxes are unmarked, this report will never print.

Inquiries

Hyperlink on GP Allocation from the HMS Quantities Inquiry window passing invalid site ID (PED 8151)

When the HMS Quantities Inquiry window was open to 'ALL' as the site ID, using the hyper lin

MPP

Option to not allow posting if there have been no transfers to WIP (PED 7866)

By marking this option, a critical posting error will occur (and will stop the posting process) when NO material has been transferred to WIP. NOTE: This option has no controls to determine if 'all' component quantities required have been transferred. It is only designed to stop posting when there are NO materials.

Option to change weighted average cost allocations (PED 7889)

'Weighting Time Qty for Cost Allocation' has been added to the Multi Product Production Setup. When marked, the cost allocation will be a true weighted average.

Option to use weight on Item Card (PED 7890)

'Use Shipping Weight for Weighting Quantities' has been added to the Multi Product Production Setup window. When marked, the weight from the item card in GP will be used for material, labor and overhead weights instead of what is entered in the MPP Cost Allocation Weighting window on each BOM.

Provide a history lookup for components transferred to WIP (PED 8127)**Retain original planned scrap calculation in table for yield analysis reporting (PED 8133)**

Note that as of this date the user must write their own yield reporting.

MRP**Purchasing Schedule records are created during the compile process (PED 7987)**

In previous versions, the purchasing schedule records were generated at the time the 'Show Supply/Demand' box was marked in the MRP Purchasing window. This not only could take a long time to generate, but many of the types of records displayed were calculated on-the-fly resulting in a purchasing schedule that no longer is a 'snapshot' at the time of the MRP run.

Move messages now include buy items (PED 7683)

Previously, move messages were only available for make items. To see move messages, either mark the box in the Traditional MRP window to print reports, or after the compile process is complete, choose 'Other Exceptions' from the Report to Print drop down in the MRP Reports window.

Manufacturers Part numbers print on alternate PO (PED 8102)**Serial/Lot****Auto-populate Manufacture date and Expiration date for lot-tracked finished goods (PED 7896)**

When posting production for lot-tracked items, finished goods will automatically have the current date as the manufactured date and the expiration date as the current date plus the shelf days (as entered in HMS Item Maintenance Edit) set in the HMS SerialLot Generation window.

Unallocate S/L returned to initial (PED 7937)

When the user completes a WIP transfer from the WIP site back to the initial site, the quantity will be unallocated.

Utilities

Revise Calculation methods for Standard Cost Rollup (PED 8143, PED 8173)

Removed the option that was on the Standard Cost Rollup Calculate window 'Roll up all SA Levels' because it did not work reliably under all circumstances. Instead only the 1st component level will be used, either the work table or the item card. Please see the topic Using Standard Cost Rollup in the help file for step-by-step instructions.

Removed 'Initialize Parent Costs' from menus (PED 7982)

The HMS Std/Current Cost Rollup window has been significantly enhanced so that the older window functionality is now included.

Added Base U/M to grid in HMS Std/Current Cost Rollup window (PED 8156)

Batch Calc BOMs unit cost not correct in window HMS Std/Current Cost Rollup (PED 8174)

The unit cost being calculated was not being divided by the standard lot size.

Add option to include Non-material costs from phantom Sub-assemblies (PED 8175)

By using this new option in the Standard Cost Rollup Calculate window, when rolling up the costs on a sub-assembly that is set up as a phantom in the Finished Good Defaults window all non-material costs will be included in the calculated unit cost.

WIP

New option to control recalculation of Batch Calc BOMs (PED 7854)

When changing the quantity of a component in BOM Maintenance or in Production Finals Entry when using a Batch Calc type BOM, the user was prompted to change the quantity of the standard lot size or the quantity of finished good being posted. This behavior is only applicable in certain industries. The 'Do Not Show 'Update Qty' Message When Changing Finals and Batch BOMs' option has been provided in WIP Setup to disable this recalculation.

Allow select of bins on returns to initial (PED 7877)

When executing a transfer from the current location (e.g. back to initial), the bin may now be chosen in the Multiple Location Selection window that the component will be transferred to.

Returns to initial automatically lower the total quantity used in Production Finals Entry. (PED 7885)

This new feature is designed to save the user mouse-clicks when finalizing a work order. When returning un-used components to the initial site, the quantities in the Production Finals Entry window are lowered. First the good quantity field is lowered. If the good quantity is exhausted, next the planned scrap will be lowered and finally the unplanned scrap.

Remove 'Post to GL' flag in Production Transfer window (PED 7916)

The flag has been removed to prevent users from eliminating the GL posting routines. The only time that is typically needed is during initial start-up during the implementation and is more reliably handled using the GP posting setups.

Do not change current location in Production Transfer if any quantity of component remains in WIP (PED 7935)

When a user returns part of a component quantity from WIP (current location) to raw materials stores (initial location), leaving part still in WIP, the current location was being changed back to the initial location. This caused users to believe that the component had not yet been transferred to WIP when in fact it had.

New option in WIP Setup 'Allow Cpnt Serial/Lot Select to under issue' (PED 8028)

This new option only applies if the CSLS window has been used for the transfers. When this box is marked, a short issue is treated as if that is the only issue and the work order will be ready to post. Example: The work order requires 10 of a component. The user transfers 8 to WIP. With the option marked, Production Finals Entry will be lowered to match the 8 that was transferred by first lowering any planned scrap, then by lowering good qty, leaving the work order ready to post. With the option un-marked, all quantities are left as is in finals, and the work order will not be able to be posted. NOTE: Any over-issue is treated as the final quantity regardless of this setting. Example: in the previous example the user transferred 12 to WIP. The work order will be adjusted in finals and will be ready to post regardless of this new option.

Auto-reduce qty in Finals when returning to initial (PED 8123)

This supercedes PED 7885. When posting a return to initial, reduce the quantities in finals in this order: 1. Postback Qty 2. Planned Scrap 3. Good Qty 4. Unplanned scrap

Can't use both CSLS and HMS dex window (Production Transfer) on the same work order (PED 8139)

ECO

Update HMS Item Maintenance if the ECO item is not a part of a BoM (PED 8112)

ECO allows a component to be rev'd that is not on a BoM, but it was not updating HMS Item Maintenance when the processing was done. When rev-ing an item that is not part of a BOM, do not select a parent item to add the non-BoM component to. Just process it by itself.

Update Rev for all items in item master on initialization (PED 8140)

When ECO is initialized, a beginning rev of A! is entered for each item in the item master. (Before this enhancement, only those items used in HMS were being updated). Note: if a rev has already been entered for the item in HMS Item Maintenance Edit, that will remain on the item as the initial rev.

Fixes/Resolutions

BOM/PE

GL account not correct for 'Vendor Service' Cost Center (PED 6938)

When a cost center with a type of 'Vendor Service' is used, the GL account was defaulting from the Default Labor posting account in BOM Setup Accounts instead of the Default Service account.

Labor and OH on a router that is transferred to WIP not clearing out after posting (PED 7954)

When the user transferred labor and overhead entries from a router to WIP using the HMS Production Post to WIP window, some of those entries were being left in WIP when the work order was posted. When a work order is posted either partially or completely, any non-material costs that have been posted to WIP are completely reversed. If the remaining labor and overhead from the router on a partial post will need to be re-transferred to WIP.

Eliminated non-material site check errors from initial calculation report (PED 8164)

Since the non-material GP item will never be transferred to WIP, removed that error check from the calculation routines.

Incorrect rounding for costs in Finished Good Defaults on the work order (PED 8176)

If the item had 5 decimals, the user could enter costs in Finished Good Defaults in 5 decimals, but the GL currency decimals (e.g. 2) were being used for the rounding. Now it uses the item currency decimals.

Incorrect Overhead Finished Good Defaults costs for Batch Calc BOM (PED 8177)

The amount per unit of overhead was being added to each unit instead of per batch.

ECO**Effective Date not showing in history rev lookup in Production Entry (PED 8111)****MPP****Finished Good output items added on the fly in the Multi Product Production window don't have the correct bin and so can't post (PED 8166, PED 8169)**

This was causing a critical error during the posting routine that 'not enough quantity in FG bin'.

MRP**Qty to Buy not working in MRP Work Order Planning (PED 8083)**

There were a number of issues when converting a suggest work order (SWO) to a suggested PO (SPO) including not creating the SPO, not updating the required date for the SPO and not following the proper logic for marking the SPO when it is 'late'.

Vendor cost not correct when changing vendors in MRP Purchasing (PED 8087)

The unit cost that will be used when the PO is created comes from the Last Originating Cost (as seen in the GP Item Vendors Maintenance window). But, when choosing a different vendor, the new vendor cost was not being populated. In addition, if there is a vendor contract in effect, that will now take precedence over the last originating.

Incorrect component quantities when work orders are partially posted and not doing a transfer to WIP (PED 8149)

For customers that do not transfer to WIP as part of their production process, the components required for a partially posted work order were showing in MRP Purchasing for the full work order amount.

SFC

Update Times Printed in Traveler table BOM50240 (PED 8121)

Were previously using the Rollup_Std_Actual_Costs field. As of v79, the field being used is Times_Printed.

S/L (Serial/Lot)

MPP finished good Serial Numbers not correct in GP (PED 8157)

Finished Good outputs from MPP that were serialized were not being updated correctly in GP.

Items disappear from S/L Picklist (PED 8160)

This was occurring when there were both non-material and material components on the work order. The non-material components were disappearing.

Upgrades

Case-Sensitive SQL collation failing on upgrade (PED 8136)

Customers that installed SQL using case-sensitive collation were getting an error during the upgrade process.

Utilities

Rollup including sub-assembly components when 'Rollup only 1st level components' marked in Calculate window (PED 8144)

Instead of using the item card cost, it was rolling up lower level sub-assemblies. Note that with the change in PED 8143, the cost rollup will ONLY use the cost from either the item card or from the work table.

'Cancel' error message incorrect on Component Log Change report (PED 8146)

This message is only generated when a user is entering a BoM and the header is saved but the user decides to delete the BoM before entering components.

Error when printing Calculation Report to screen (PED 8155)

User was getting this error: Smart Heap Library MEM_BAD_POINTER.

