Horizons International Manufacturing Suite

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

Dynamics GP Version: GP 18 (2018)
Horizons Version: HMS 18 85

Latest code (v 85) is only compatible with GP version 2018

Table Of Contents

Before you Start

When To Use This Manual

This is an upgrade manual used when making a major upgrade of HMS from one version to the next. This is not needed for HMS service packs. See the file named - Install_HMS_ Service_Patch.pdf. For example, if you are currently on GP 2010 - HMS version 81 and are installing new HMS version 81 code for it, you only need to load the new HMS code. There are no table updates required, nor are there any scripts or utilities to run. A table update is required only when the version changes, as in the previous example from 81, to 82. In the following file name 81 is the version number and the last number is the Build - HMS1181sp2_3.2.59.

Horizons code is distributed as a dictionary. A chunk file will be included for new work station installations only 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 click Cancel when the GP login window comes up. Copy the Bom.dic that is in the installation package to the GP directory and overwrite the install dictionary. Copy the Bom.dic around to the other work stations that already have HMS installed. If there is a Terminal Server, reboot the server first and then put the code on it.

A version check is done when a user 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. **If you need to load an older version of HMS for some reason or you are you are erroneously getting the version check error** then you must remove the record in the BOM50501 table that tracks the last version installed. This record is the one where the HLM_Install_Option and HLM_ Build_Number are zero. Once this record is removed the code that is loaded will not be version checked.

Make sure you have a current backup of the data in case there are any issues with automatic table conversions that may be done after logging in. Answer 'Yes' to run each conversion. If there is a message that a conversion fails, it can be run again in the Install and Updates Convert Data window. Refer to the section 'Update Server and Database'.

System Requirements

Before performing an upgrade, it is highly recommended to perform a test upgrade on a system completely separate from a live installation.

As with any system, it is recommended that you have appropriate backup and recovery measures in place before starting any upgrade process. Horizons does not have specific requirements for backups--any solid plan that is developed to safeguard Dynamics GP data will automatically include core HMS data.

Horizons system requirements for hardware and network considerations are the same as for Microsoft Business Solutions. Keep in mind that these requirements are minimums, and may change from version to version. In your production environment, your requirements may be substantially higher. Please refer to CustomerSource for the most recent system requirements:

MBS.Microsoft.com | Sign in to CustomerSource | Support | Solution Center: Dynamics GP | Documentation | System Requirements

Preparation

Following is a checklist to assist with preliminary steps that should be complete to ensure the smooth upgrade of Horizon's Manufacturing System.

- Hardware requirements are met
- Networking requirements are met
- Proper Version of Horizons Manufacturing Suite code downloaded (Call Horizons @ 800/287-8014 Ext 1 for link and passwords)
  - For Dynamics GP 18 (2018), you will need HMS 18 85
- Proper Horizons Manufacturing Suite registration keys (Call Horizons to obtain them by email)
- Verified backup is done and available
- Determine if there are additional workstations to be upgraded for HMS. If so, obtain a complete list—all workstations must be running the same HMS code. Also, mark the appropriate section in Other Required Upgrade Procedures of this document.
- Horizons does not support the use of the client installation package (please refer to the Dynamics GP Installation Instructions manual). The best way to distribute new code is to install on the server machine and then copy the updated Bom.dic around to all the work stations that use HMS. This insures that everyone gets the same exact code.
- Determine if there are any modified forms and reports. If so, make a list of them and their locations, and make backup packages (please refer to the Dynamics GP documentation on managing package files found in both the Report Writer manual and the Modifier User's Guide). Also, mark the appropriate section in Other Required Upgrade Procedures of this document. Any work stations that has its own HMS forms or reports dictionaries (not on a server) will need to have the new code loaded

separately on it. The optional method is to make a copy of the current Bom.dic before the upgrade, and use GP Utilities after the new code is copied from the server. GP utilities requires the old and new dictionaries in order to update modified forms and report dictionaries.

- If you are upgrading from a version earlier than 77, there is no conversion process available for HMS Smartlist Favorites. The Smartlist objects must be removed using the old cTree files (HLM10xxx.dat and HLM10xxx.idx in the Dynamics root directory on each station). Before proceeding, have the users document carefully the favorites that they use because those will need to be re-created manually after the upgrade is complete. If you are upgrading from HMS version 78 or later, you may skip this step.

- To remove Smartlist if on a version prior to 78:
    1. In Dynamics GP, open the SmartList window.
    2. In HMS, open the Table Information window. (HMS | Utilities | SmartList Setup)
    3. Click the Add/Remove Tables button to open the Add/Remove Tables To/From Smartlist.
    4. Click **Remove**. Click **All** in the confirming dialog. When the process is complete, click **OK**.
    5. After processing is complete, close the Add/Remove Tables To/From SmartList window.
    6. Close and reopen SmartList to verify that the HMS Smartlist objects have been removed.
    7. If the Smartlist will not remove completely go to Smartlist troubleshooting.
- Make an additional backup of the HMS dictionaries before any new code is installed:
  --BOM.dic
  --BOMFORMS.dic
  --BOMRPTS.dic

  Don't be concerned if you don't find all three.

- Determine the version and build of both Dynamics GP and Horizons Manufacturing prior to upgrading. To see the version for HMS, view the HMS Version window accessible from the bottom of the setup palette as About HMS.
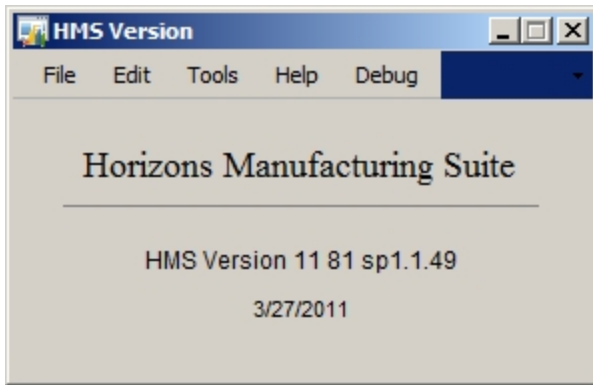
The versions read from left to right are:

Great Plains version - **11**

Horizons version - **81**

GP Service Pack compatibility - **sp1** (This used to be a number only). If the code works for more than one continuous GP service pack version then it will appear like **2-4**, which means it works for Service Packs 2 to 4.

CSLS compatibility number for the matching GP version - **1** (Did not exist in earlier versions)

Build Number - **49**

The previous format for HMS versions was: HMS Version 10 79b1.139. The b1 was a number incremented when necessary because of major GP changes and not related to a specific GP service pack.

When upgrading from earlier versions, some optional procedures are required and are noted in each step as OPTIONAL. These procedures are described in detail in the Other Required Upgrade Procedures of this manual.

Upgrade Path

Version 6.0 Great Plains

- Any HMS version prior to 68 must move to HMS version 6.0-68 first (still on GP 6.0). Call to obtain this code.

- Then you must upgrade to Great Plains version 7.5, HMS version 72 (contact us to get these old versions). This interim step must be taken because Dynamics GP does not support going directly to 10.0 from 6.0.
- Then you may upgrade to HMS 18 85 for Dynamics GP 18 (2018).

NOTE: Upgrades from earlier versions are only supported on an hourly basis. Pre-paid technical support incidences to not apply to upgrades earlier than 7.0-72

Version 7.0 Great Plains

- Any HMS build 72 and later can go directly to HMS 18 85.

Version 7.5 Great Plains

- Any HMS build can go directly to HMS 18 85

Version 8.0 Great Plains

- Any HMS build can go directly to HMS 18 85

Version 9.0 Dynamics GP

- HMS 9.0-75 can go directly to HMS 18 85

Converting to MRP2

MRP2 has very different functionality relating to locations and was new for HMS 78. If you are upgrading from an earlier version (77 or prior) you will need to read this section)

- MRP2 can only be run with the 'Use Multiple Locations' box marked (see the MRP Processing topic for more information)
- All transactions are considered by location whether they are demand or supply.

All transactions that exist in the system will be included with their actual locations during the upgrade process

- Sales Order Processing documents
- Purchase Order Documents
- Build to Stock work orders ('real' ones that are already created or in process)
- Quantity on hand

Transactions that only exist on the MRP schedule will be updated with a default location:

- Forecasts and Manually planned work orders will take the default Parent Posting location from Locations Setup.

Multi-Product Production (Reverse)

Users that are converting from an earlier version (77 or prior) of Horizons Manufacturing Suite and have been using the older MPP process need to carefully consider the impact of this new functionality. In addition, there is no conversion process for open MPP work orders—all work orders must be either removed and re-entered after the upgrade or completed prior to beginning the upgrade.

🐎 Pre-update Procedures

File Maintenance is required if you are upgrading from a version prior to 72. If you did not complete file maintenance before upgrading Dynamics GP, you will need to install the old HMS code to the new directory and then run file maintenance. See Troubleshooting for detailed instructions.

Post all inventory transactions if on a version prior to GP 9

Because of functionality that was new in Dynamics GP 9.0, it is important that you post all open transactions that might affect inventory purchase receipts. This includes unposted inventory adjustments and transfers that are associated with HMS work orders.
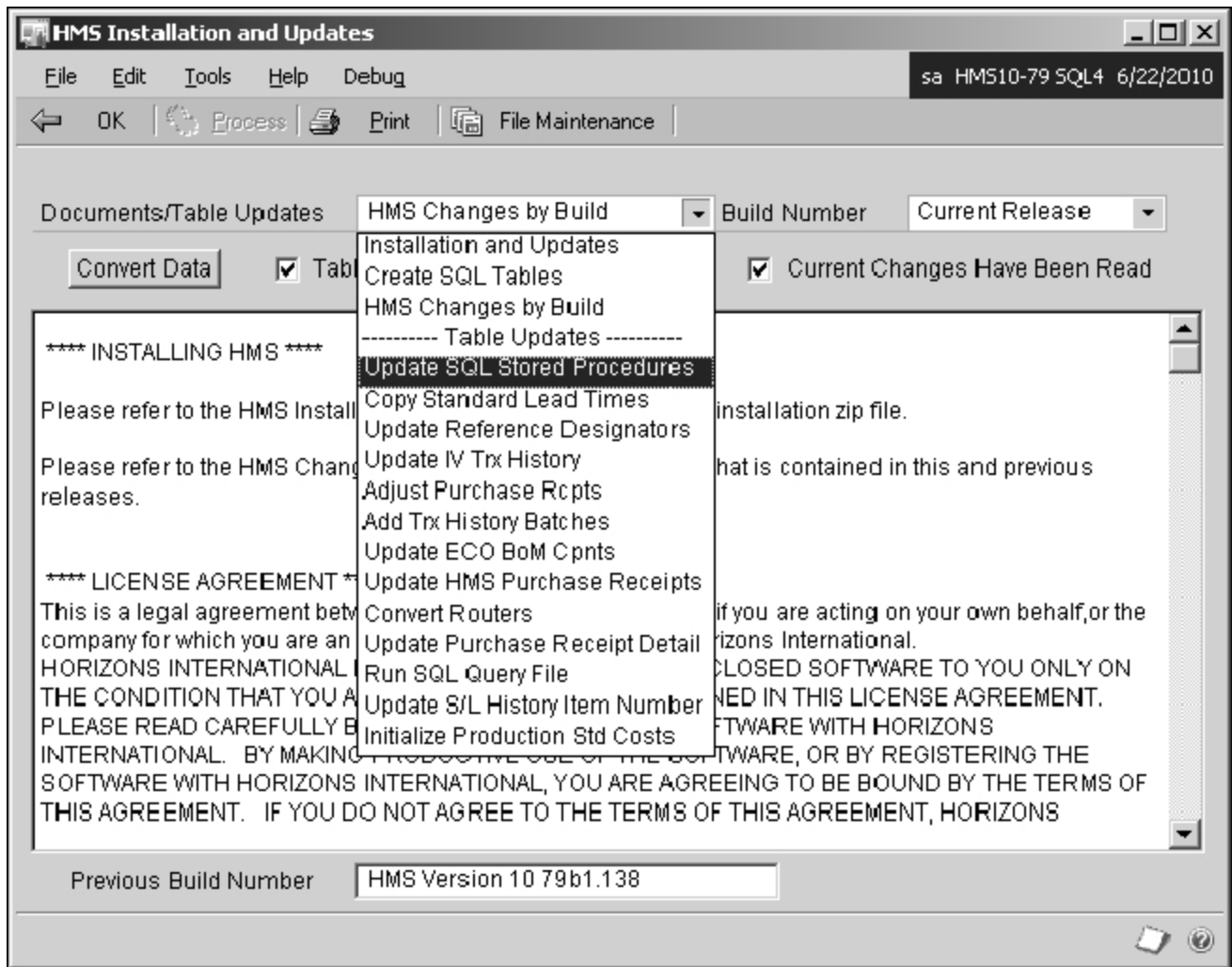
File Maintenance

Update Stored Procedures
NOTE: If upgrading from **HMS version 71 or earlier**, this preparatory step must be performed **before** loading new HMS code. **Do not perform this step with the NEW code installed.** If you didn't perform this step before starting the upgrade process, you can still attempt the upgrade. **If you are on HMS version 72 or later, you do not need to perform this pre-upgrade step**.

First be sure that you have a good backup, then proceed with the upgrade. If you receive errors, restore your backup and follow the steps to install the old code, update the Stored Proceduresand perform the suggested file maintenance procedures.

In the HMS Installation and Updates window (Manufacturing home page + HMS Utilities + Install and Update), use the drop-down and select Update SQL Stored Procedures. Click Process, and then Continue.

Check Links - This step is not necessary to perform an upgrade

In the BOM File Maintenance window, mark the Check Links boxes. Use the Insert All>> button to insert all the HMS tables into the Selected Tables: window on the right. Click the Execute button and select a location for the report (recommend that it is printed to screen first).

This window is accessed from the File Maintenance button at the top of the HMS Installation and Updates window, or from Utilities | Inventory | HMS Utilities | File Maintenance.
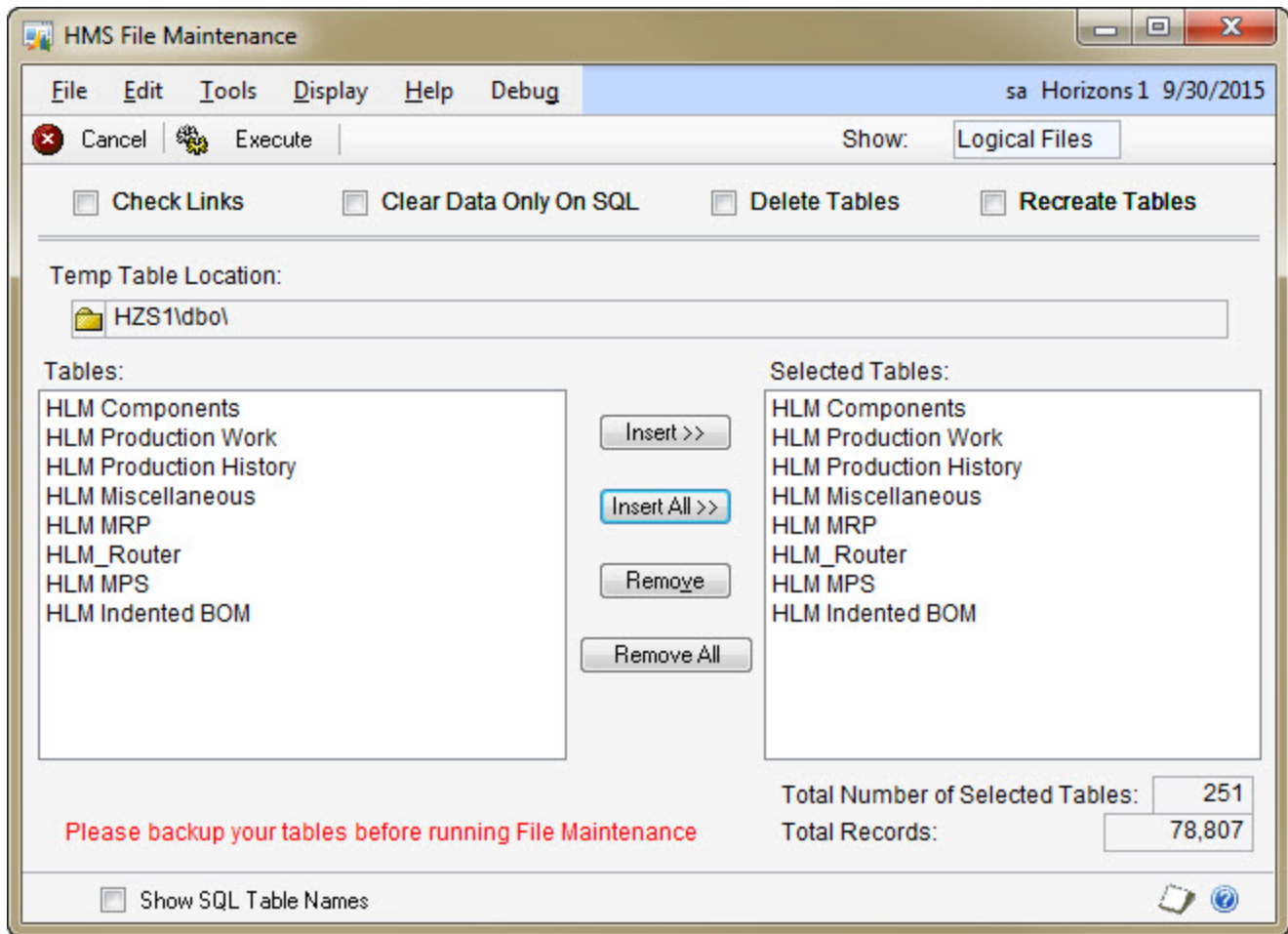
- If a dialog box appears asking "Ready to add missing bins to existing Work Orders?", answer Yes if you are running with Multiple Bins enabled, or No if not.
- If a dialog box appears asking if you want to remove invalid records, choose No.

OPTIONAL--Remove the Smartlist Objects

If you are using the HMS Smartlist objects and originally install HMS version 77 or earlier, they must first be removed from the system using the old Smartlist objects (HLM10xxx.dat and HLM10xxx.idx). This must be done *before* the new files are copied onto the work-station.

If you have using HMS version 78 or later you do not need to complete this step.

To remove Smartlist:

- Open HMS Smartlist Setup from the HMS Utilities menu. In the Table information window, click on the Add/Remove Tables button.
- Click the Remove button

- To the dialog "Do you want to remove all tables for this product from the Explorer or only the ones marked 'do not include'. Click 'All'.

OPTIONAL—Provide a Run Time conversion value

If you are converting from HMS version 69 or earlier and are using Capacity Units Per Day in the Finished Good Defaults window, it is important to note that this value will be converted into the Run Time To Build in the current version.

Please refer to the Other Required Upgrade Procedures topic for detailed instructions.

🐎 Update Server and Database

After Dynamics GP has been upgraded, the HMS data can be converted.

Pre-HMS Conversion

- Get all users out of Dynamics GP. This is very important as the upgrade process will not work correctly if there are any users logged into Dynamics GP (not just HMS users, but all users).
- Make a backup for recovery purposes should the conversion fail and you need to 'roll-back'.

Conversion

The basic steps for conversion if the previous HMS version was 72 or greater:

- Make a backup of the databases to be converted
- Rename the Bom.dic if this is an existing installation
- If you are using the Setup and MSI installation files, then read through the Readme that comes with the installation package - HMS_Install_Readme.rtf. Otherwise read the next two steps.
- If this is a new installation of GP, load the New Install Chunk to write the product info to the Dynamics.set file. Cancel out of the GP login window. Delete the Bom.dic created by the chunk file, if you loaded it.
- Extract the full code dictionary (Bom.dic) from the zip file that has the version in the name (like HMS 16 84 sp...) and copy it to the root Dynamics directory.
- Log into GP. **It is important to answer Yes to convert any tables shown. There are tables converted here that are not in the Data Conversion process.**
- You will see a process run that is listing all of the tables in HMS. Any new tables will be created by this process and default values bound to the table fields (Binding Defaults).
- The Install and Updates window will open and you will see a message about Permissions have been granted and table updates may be necessary.
- If this is a major GP version change then open the Convert Data window, enter in the previous version information, Refill the Table List and Convert. See later in this section on how to fill in the fields in the Convert Data window.
- Verify the conversion by 'Inserting All' in HMS File Maintenance - Do not run any processes in the File Maintenance window.

When the HMS version is 72 or greater, the conversion may be re-run as often as necessary. A SQL conversion is used which does not require a specific table definition.

If one or more tables gives an error during conversion and the conversion stops, mark the table in the list and try converting again. Check the table in SQL to see if there is any data in it. If not, the table can be dropped and recreated using HMS File Maintenance Delete or GP SQL Maintenance Drop/Create. Call Horizons for help with any tables giving trouble that you are not able to solve.

Proceed below for more details on converting data.

Converting the Data

- There are two methods that have been used by Horizons for HMS code. The older method is described in the next bullet. The new method will have a Setup.exe and an MSI file in it when you unzip the downloaded file. There is also the HMS_Install_Readme.rtf included. This is the document to use for the installation. Running the Setup.exe will create an HMS_Documentation_And_Install directory under the GP directory designated in the installation setup . It will also copy the full code to the GP root directory with the name BOM_MAIN.dic.
- Older method - Unzip the code downloaded from the web to a central location on the network. In this zip file are a number of documents:
  a. A Dynamics Chunk file—this is the New Installation chunk file, called Install.chunk, which is in the file 'HMS_New_Install_Chunk.zip'. It is not the full HMS code, but is used to update the Dynamics set file. It is important that the Chunk file is in the same location as the Dynamics.set and the Dynamics.exe. **The chunk file is not needed for the upgrade if HMS is already loaded on a work station.**
  b. A Bom.dic file that is zipped up and named with the current version. It will be in the current format - HMS1181sp2-3.2.53.zip. PLEASE NOTE - if there are errors logging into GP with the new HMS Bom.dic it is likely because the code was corrupted during the unpacking process, especially if Windows zip application is used. The files have been compressed using AL Zip which can be downloaded from ALtools.com.
  c. One or more word documents, including the net changes document which contains a summary list of all the latest changes to the code. To view all changes to the code, please see 'History of Enhancements and Changes' in the on-line help file
  d. Smartlist Data Installer.sql. This contains the query necessary to install Smartlist for Horizons Manufacturing Suite. Please see the Optional Install topic.

e. The online help file: HMS 18 85_Help.zip. In this file is the HMS Online help file .chm and a 'readme'. Please review the readme before installing the help file on the workstations.

f. The Report Viewer (RV)executable install: RV_2.0.0.0 - for Dot Net 4.0; RV_1.0.8.0 - for Dot Net 4.5 and later.zip

g. The RV report definitions and scripts: RV_Reports, RV_64bit_Scripts, RV_ 32bit_Scripts.zip

- Rename the current Bom.dic. You can upgrade HMS forms and report dictionaries using GP Utilities if you rename the Bom.dic. GP Utilities requires the old code dictionary in order to compare to the new one and perform a proper upgrade. Sometimes GP Utilities does not convert the dictionaries. In that case it is easiest to rename the BOMRpts.dic and then go to the Report Writer in GP (Tools- Customize - Report Writer) and import the reports from the Reports window. If the BOM-Forms.dic does not upgrade properly, then the form modifications must be recreated.

- Copy the Bom.dic file to the workstation that will be used to perform the update. It does not need to be the installation on the server, but the upgrade process typically runs faster if there is no network traffic interference. It is important that the Bom.dic file is in the same location as the Dynamics.set and Dynamics.exe.

- Launch Dynamics GP. PLEASE NOTE - if there are errors logging into GP with the new HMS Bom.dic it is likely because the code was corrupted during the unpacking process, especially if Windows zip application is used. The files have been compressed using AL Zip which can be downloaded from ALtools.com.

- Proceed to log in to Dynamics GP as 'sa'. If you get a Version error see the Troubleshooting section of this document. Any new tables will automatically be created and default values bound. Depending on the speed of the system, network traffic, etc., this may take anywhere from a few seconds to several minutes (or longer). It is very rare for the system to actually 'hang', so be patient and let the process continue until it is complete. After it is complete, you will get a series of confirming messages and warnings—click OK to each.

- Automatic table upgrades may be done during this process. You will be asked if you want to convert the tables. Answer 'Yes' to each one.

- The upgrade to HMS version 84 includes the HMS Timer table which is a timed event and can be seen in the GP Process Monitor accessed from the main GP menu. The timer should be disabled during the login process. If you get any errors on the table, go to the Process Monitor and remove or suspend the timer until the table upgrade is finished. It will be restarted when you exit and re-login to GP.

- After the confirming messages and warnings, you will see the HMS Installation and Updates window.
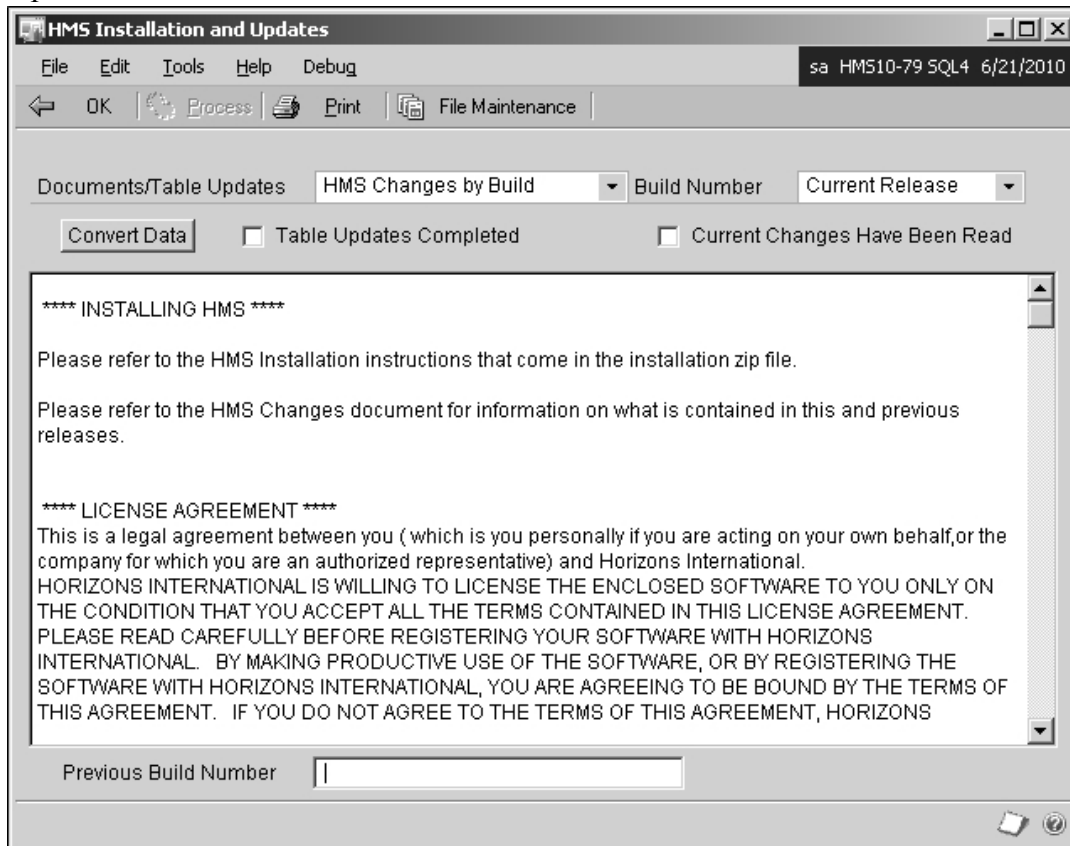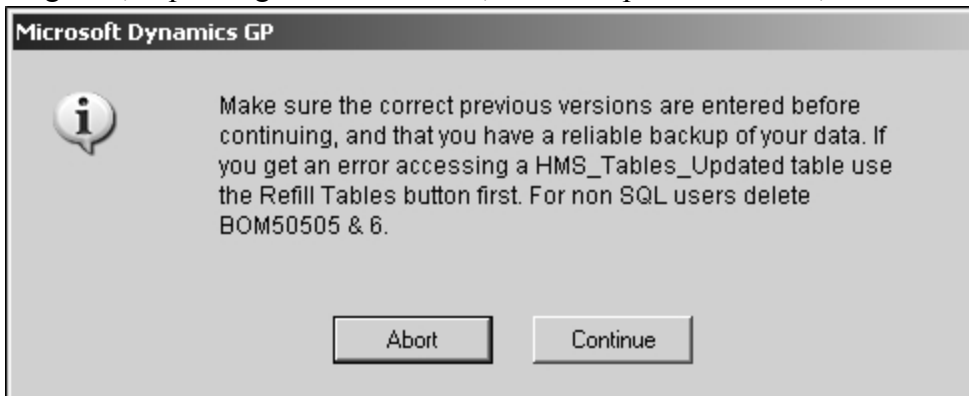

- If you have loaded a different version of HMS (in the zip file name 'HMS1181...', 81 is the version. The previous version is at the bottom of the Install window) then click on the Convert Data button to open the Easy Conversion window (below). Fill in the version as follows:
    - NOTE: When upgrading from a previous version of HMS, the 'Previous Build Number' above will be filled in and you can use that to enter in the correct numbers below.
    - This Version of Dynamics: 10.00 (current version defaults)
    - Upgrading from Dynamics version (This value must come from the actual version number you made note of during preparations. Note: If you previously were on a Great Plains version 10.0 code and are now upgrading to a later HMS version (e.g. HMS version 10.0-77 previously and are now going to 10.0-79) enter 10.0

- Horizons Manufacturing Previous Version Number: This value must come from the actual version number you made note of during preparations (see Figure 1)
- ECO included in HMS - Mark if Previous Version >65 (will default to marked)
- Horizons Manufacturing Previous Version (1.0 or 2.5): 2.50 will default
- The grid may or may not be populated with tables, depending on if this is the first time you have upgraded or not.
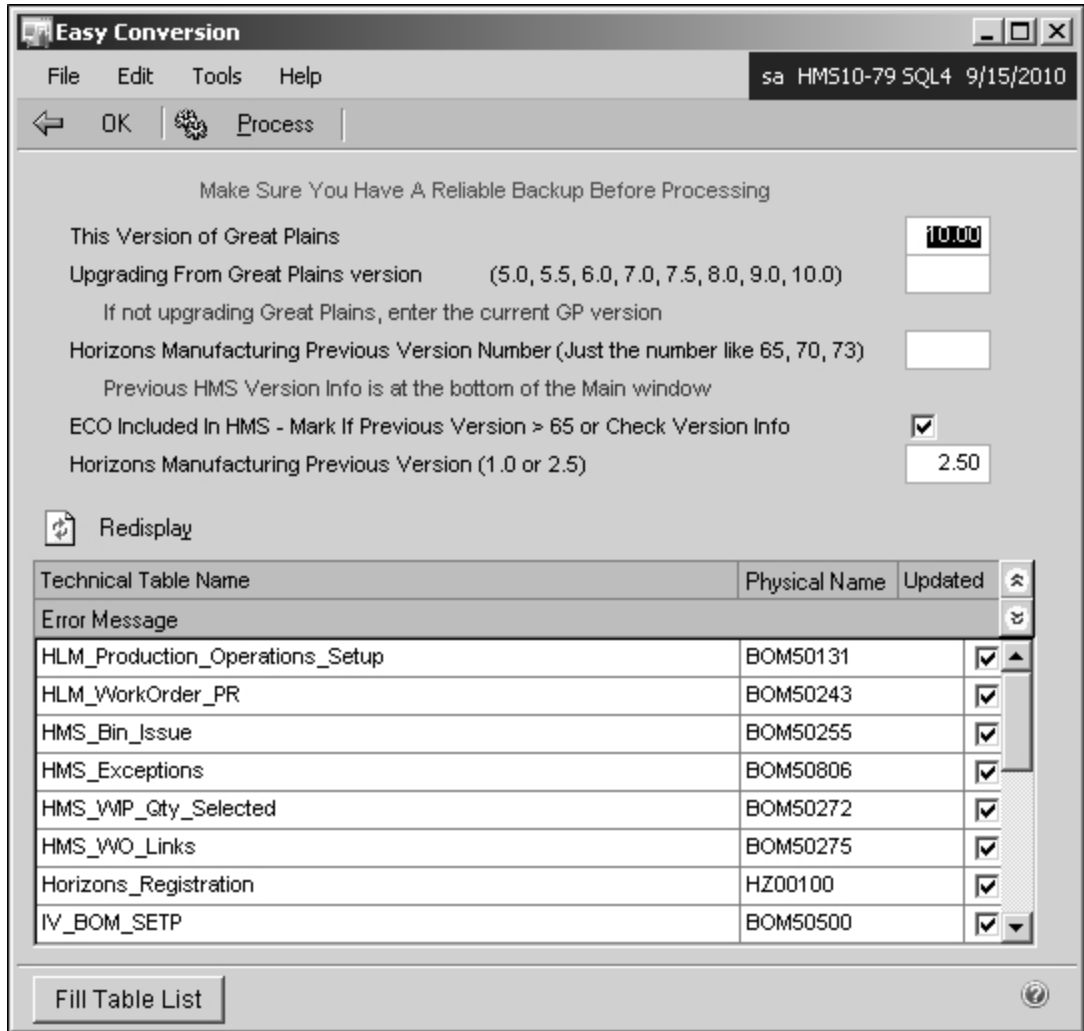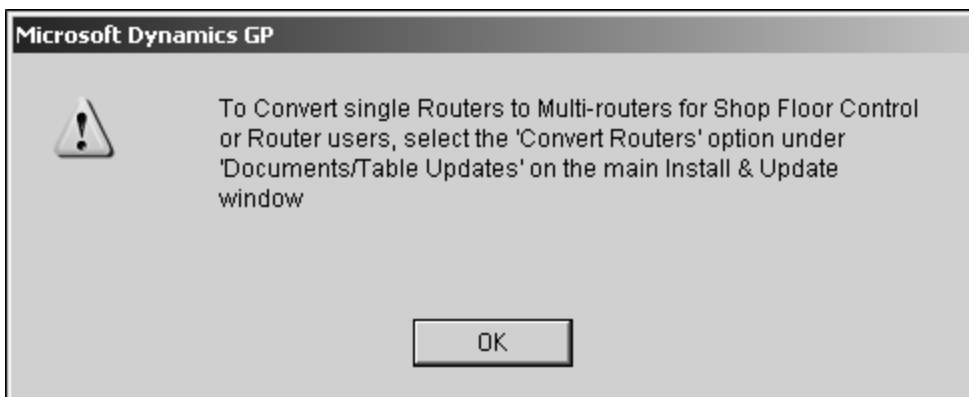

- Click on the Process button. A dialog box will appear. Click Continue. Please refer to the Trouble-shooting section of this manual for further explanations of the instructions on this screen. This will start the actual upgrade process and may take quite a

long time, depending on database size, network speed and traffic, etc.

Microsoft Dynamics GP

Make sure the correct previous versions are entered before continuing, and that you have a reliable backup of your data. If you get an error accessing a HMS_Tables_Updated table use the Refill Tables button first. For non SQL users delete BOM50505 & 6.

Abort   Continue

After the upgrade is complete, another informational dialog box appears -- click OK (this message about converting routers is only applicable if the upgrade was from HMS version 72).

Microsoft Dynamics GP

To Convert single Routers to Multi-routers for Shop Floor Control or Router users, select the 'Convert Routers' option under 'Documents/Table Updates' on the main Install & Update window

OK

If you are registered for the Shop Floor Control module and are converting from an HMS version prior to 72, please refer to the Other Required Upgrade Procedures section of this manual and mark this step as required. If you were previously on HMS version 72 or later, you do not need to complete this procedure. After all dialog boxes, the Easy Conversion window will reappear with a list of tables that were upgraded. The list may differ from this example, depending on which previous version you were upgrading from.
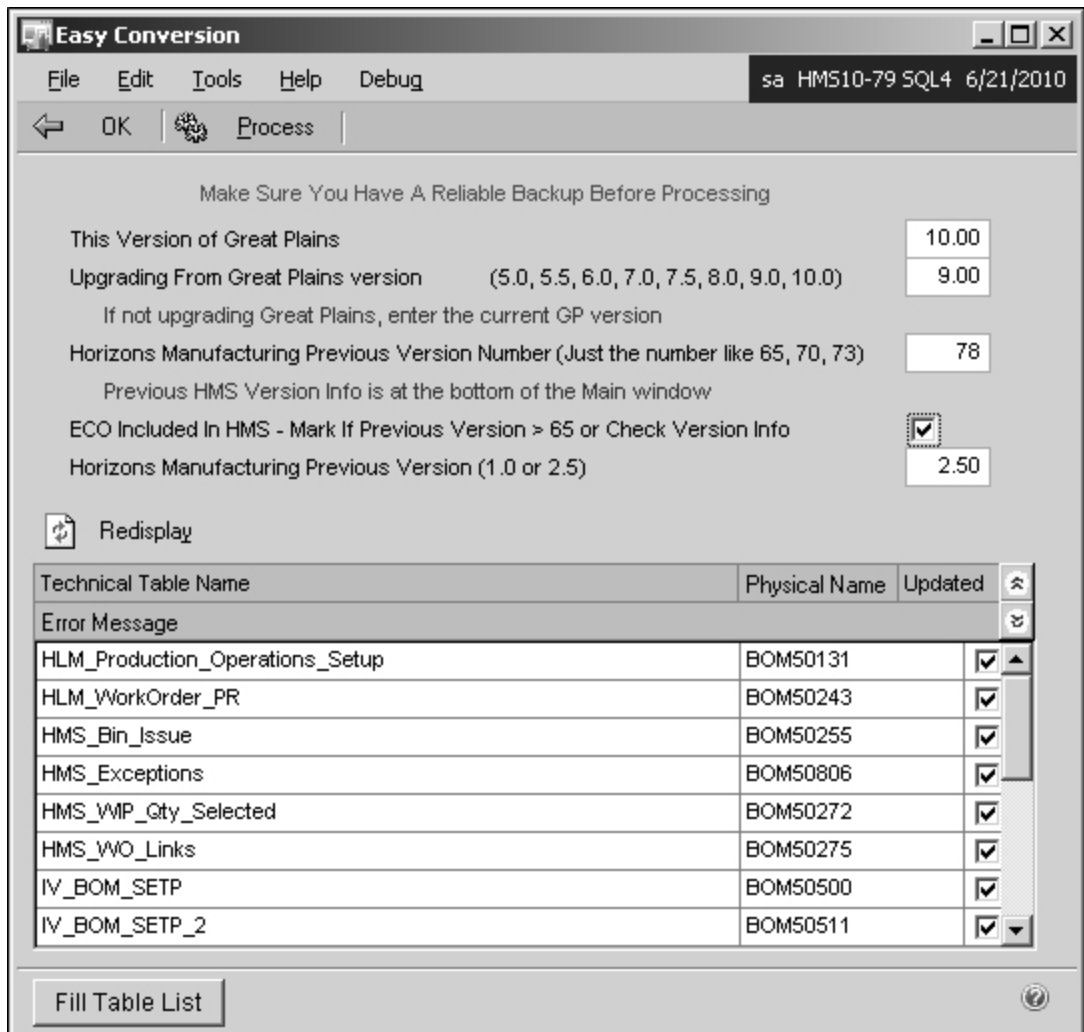
Verify that all tables have a check in the Converted column. If any are unmarked, please refer to the Troubleshooting topic.

- Close the window to return to the HMS Installation and Updates window. Click on the Current Changes Have Been Read box. The 'Table Updates Completed' box should already be marked for you.
- OPTIONAL: If you are converting from a build prior to 67, another dialog box will appear stating that "If you are registered for MRP please Recalculate the MRP Schedule – all items – to update Changes". Click OK. Please take a moment to mark this procedure in the Other Required Upgrade Procedures section of this manual so it will be completed before users being using the new code.
- Timers - There are two timers in HMS that will be disabled if a conversion is required or older code has been installed. These timers should be enabled after the conversion. If they do not, log out of GP and back in and they should start normally.

Verify Conversion

As a final verification that all tables were updated properly, use the BOM File Maintenance window to check.

- Click on the Show: Logical Files to toggle it to read Show: Physical Files.
- Click on the Insert All>> button.

If you get errors during the table 'insert' process, make careful note of the exact table name, along with any additional information when you click More Info. Once there is an error, the insertion process will have stopped. Simply click on the Insert All>> button again and it will pick up where it left off. After all tables have been inserted, close the window. Please refer to the Update Troubleshooting topic for additional help on how to resolve these issues.

Install the On-Line help file

If users in the organization are running Windows XP service pack 2 or greater, the on-line help file must first be opened to pass the security warnings from downloaded files.

Copy the HMS_On-Line_Help.chm file to the root of the first workstation (in the same location as the dictionaries) and using Windows Explorer, double-click the chm file to open it. You may receive a security warning:

Unclick the box next to 'Always ask before opening this file' and click the 'Open' button. You may now use this chm file to copy to each workstation that will be using HMS.

Smartlist Upgrade

This section only applies to upgrades from version 77 or earlier. If you were on 78 or higher, you may skip this section.

Since there is no upgrade for Smartlist at this time, you should have already removed the old Smartlist objects. To make Smartlist available for users in 10-79, you must now re-install it.

1. Using SQL Management Studio or a SQL Query, run Smartlist Data Installer.sql (found in the zip file you downloaded with the code) against the DYNAMICS data-base.
2. Add the Smartlist Objects
   a. In Dynamics GP, open the Smartlist window.
   b. Open HMS Smartlist Setup from the HMS Utilities menu. (Manufacturing Home Page | HMS Utilities | Smartlist Setup)
   c. Click the Add/Remove Tables button to open the Add/Remove Tables To/From Smartlist.
   d. Click Add.
   e. After processing is complete, close the Add/Remove Tables To/From Smartlist window.

Smartlist Security

By default, no user (other than the 'Power Users') will have access to HMS Smartlist Objects. To provide access to Smartlist for users:

1. Create a task for users to have access to the HMS Smartlist objects:
   a. Create a new task (from the Administration page, click on 'Security Tasks'.
   b. In the 'Security Task Setup' window, select the following:
   c. Category: Company
   d. Product: SmartList
   e. Type: SmartList Object
   f. Series: SmartList Objects
   g. In the Access List, mark the desired HMS objects (they all start with 'HMS')
2. Once the task is created, it may now be added to any role.

Report Viewer (RV)

The main code download includes two zips for Report Viewer:

- Report Viewer Executable: RV_2.0.0.0 - for Dot Net 4.0; RV_1.0.8.0 - for Dot Net 4.5 and later.zip
- Report definitions and install scripts: RV_Reports, RV_64bit_Scripts, RV_32bit_ Scripts.zip

The current version of Report Viewer is RV_2.0.0.0 - for Dot Net 4.0; RV_1.0.8.0 - for Dot Net 4.5 and later. If the installed version on all workstations is the same, no update is required to the executable.

If it is not, then Report Viewer must be uninstalled using Windows add/remove programs.

Then, unzip the Setup.exe, Setup.ini and Setup.msi files that are in the RV_2.0.0.0 - for Dot Net 4.0; RV_1.0.8.0 - for Dot Net 4.5 and later.zip to each workstation and install the new version.

You must be logged onto the workstation as an administrator.

1. Double-click the Setup.exe to launch the Report Viewer Installation
2. Accept the License Agreement by clicking the 'I Agree' radio button and click Next.
3. Accept the default installation directory, or change it and click Next. If you change it, it should be a path that each workstation will be able to use locally, or you will need to manually edit that location on each workstation. An example would be if every workstation in your network has an e:\ drive that you use for installing programs and you would prefer to use that instead of the c:\ drive.
4. Confirm the installation and click Next. The code will be installed to the path specified.

Verify which reports are currently being used at your organization. You may want to look in the RV_Reports, RV_64bit_Scripts, RV_32bit_Scripts.zip to compare the stock reports to what is being used and replace them with newer versions if desired.

🐎 Other Required Procedures

Please refer to this section for detailed instructions for procedures that may be required for your upgrade, based on your particular situation.

Required	Complete	
☐	☐	**Additional Workstation Upgrades** Refer to the list of workstations obtained in the preparation for the upgrade. stations are running the same version and build of HMS. There are essentially two methods of upgrading a workstation: 1. Copy the Chunk file to the root of the Dynamics GP install (the same loca Dynamics.exe) and launch Dynamics GP as 'sa' to include the code. This m ual workstation is running its own modified forms and reports. 2. Copy the BOM.dic from the original upgraded workstation. This method workstation is running modified forms and reports from a central location, a been upgraded. Be sure to copy the HMS_On-Line_Help.chm to the workstation and test it dows XP service pack 2 or higher.
☐	☐	**HMS Version Prior to 67 with MRP** • Open the MRP Scheduling window (HMS | Transactions | MRP | Sch • Open the Calculate Options window by clicking on the Calculate but • Click on Update
☐	☐	**Convert Single Routers to Multi-routers** • Open the HMS Installation and Updates window (HMS | Utilities | In • Choose the Convert Routers option from the Documents/Table Upda tions in the window before clicking on the Process button.
☐	☐	**Provide a Run Time conversion value** In order for this conversion to take place properly, you must place the appro Hours In A Day field in MRP Setup.(Setup | Inventory | HMS Setup | HMS The value in this field will be used to convert Capacity Units Per Day to Ru correct, the resulting Run Time To Build in the Finished Good Defaults wir have to be changed for each item after the conversion. Example: A production item takes 10 minutes to produce, so the Capacity U Good Defaults is "48". (8 hours in a work day = 480 minutes, divided by 10 the Default Work Hours In A Day field in MRP Setup.
☐	☐	**Upgrading Modified Forms and Reports** Before upgrading either Dynamics GP or HMS, export all HMS forms and

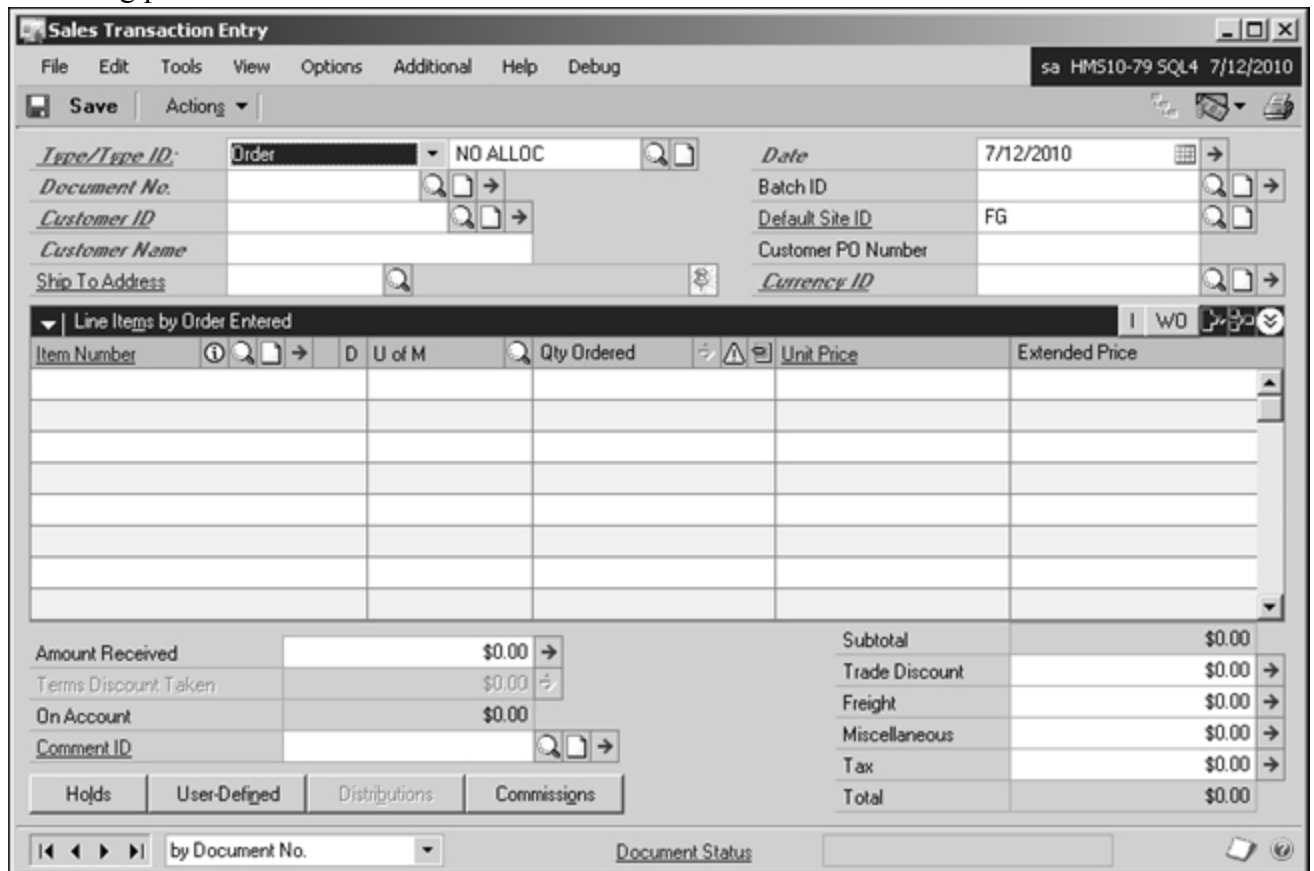|		
		tomization Maintenance window in Great Plains. It is highly recommended that you for each form and report. If one or more modifications fail during the upgrade proce salvaged by re-importing them. If all users are running the same shared forms and reports dictionaries, then they onl once. This is done by copying the chunk file to the workstation, logging into Dynar ing new code. After the forms and reports dictionaries are upgraded, subsequent wc by copying files.
❑	❑	**Disassemble Of Lots - Only if upgrading from a version prior to HI** The ability to disassemble multiples of the same Lot Name on one work order has b HMS Production Disassemble. Prior to this HMS combined and Lots on a work or one record when posting to history. A new table has been added to track these mult table is till used as it was. The new tables are HMS_Dissasemble_SL_HIST (BOM duction_Serial_Lot_HIST_LOTS (BOM50317). Is also available in HMS version need to run the HMS Utilities - Install and Updates option called 'Copy History To is the last entry on the Install and Updates window drop down called Documents/Ta

🐎 Optional Procedures

Additional Company

Any additional company databases must have the company database updated. To do this, open the Utilities Install and Update window and click the 'Convert Data" button to open the Easy Conversion window. Fill in the same information that you did for the other companies (Dynamics GP versions, HMS previous versions). Click on process. When prompted, click 'Continue'. For the prompt: "Tables are already updated for this configuration. Do you want to refill the list or continue with the previous update?", click on 'Refill'. The upgrade process will continue. Please verify the data conversion using the File Maintenance window as with the original company update.

Alternate Dynamics GP Windows

The Horizons Manufacturing System offers several important alternate windows that you may consider using instead of the standard ones from Dynamics GP:

Sales Transaction Entry

This window allows users to access HMS information when an individual line is linked to a specific work order. This gives Sales Order entry staff limited visibility to the manufacturing process.

Item Maintenance

This window includes Engineering Change Order information. When used without the ECO module enabled, users can use the fields for any other additional information.

Inventory Transaction

The Item Serial Number Entry window has been modified to allow users to quickly generate a series of serial numbers (instead of keying them in one at a time as with the standard window). It also has import functionality.
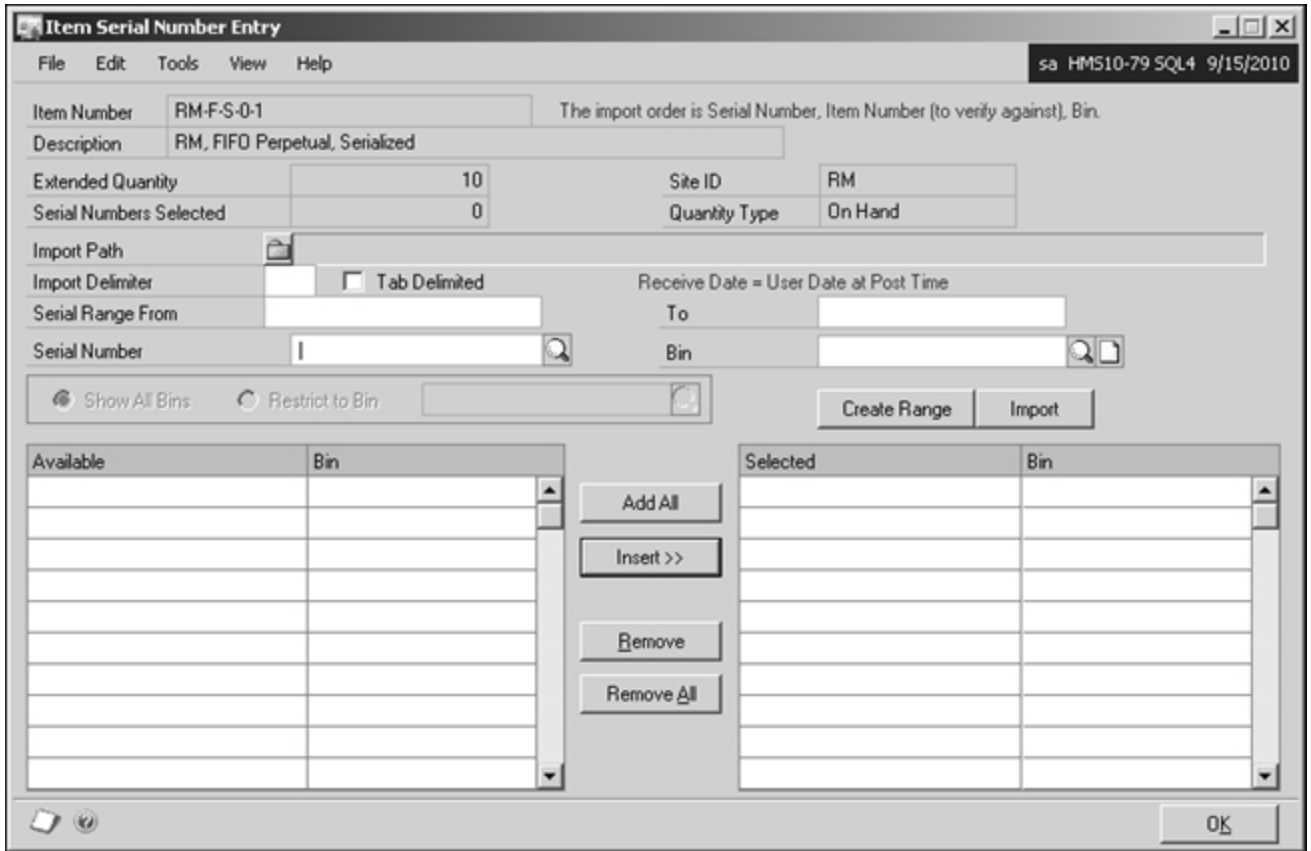
Install Quantity Recalc Stored Procedure

Recalculating all quantities for all items and sites in HMS Quantities Inquiry can be very time-consuming. For companies with a very large item database and the need to recalculate all quantities at once (as in when performing an MRP calculate, or for other reporting reasons), an optional stored procedure may be installed in the company database to speed the process.

The most recent version of the SQL query to install this stored procedure may be downloaded from our website www.hzs.com/partners. It is also included in the zip file with code downloads.

NOTE: This stored procedure is used in multiple places in the HMS code including the Smartlist favorite 'HMS Quantities'. If the stored procedure is not installed, this favorite will not be up-to-date unless the user first opens the HMS Quantities Inquiry window and manually recalculates all items.

Installation

1. Open Query Analyzer and log into your company database.
2. Open the query.
3. Click 'Execute Query'.
4. If the stored procedure installation was successful, you will see the following message:

   'The command(s) completed successfully.'

CSLS Installation

Overview

Component Serial/Lot Select (CSLS) is only available for HMS users registered for the Enhanced Serial/Lot module.

- If HMS is already installed, you may open the Horizons Registration window (in the 'Setup' section of the Manufacturing homepage. The Enhanced S/L module will be listed as 'Enh S/L'. (NOTE--this is in addition to the basic S/LT module you will also see in your registration window.)
- If HMS is not yet installed, you may look at the registered modules in the email you were sent. 'Enhanced S/L' is listed separately from the basic 'Serial/Lot' window.

If you are certain that you should be registered for Enhanced S/L and you don't see it in your registration, please contact our office.

CSLS for GP 11 (2010) requires Dot Net 3.5. To see if this is installed on your work-station, look in Add/Remove Programs (XP) or Programs and Features (Windows 7). To install this version of Dot Net, please visit the Microsoft web site to download it.

CSLS for GP 12 (2013) requires Dot Net 4.0. This is normally installed with Windows 8, but if it is not then the CSLS Install should prompt you to install it during the CSLS Install process. Otherwise, you will need to install it manually.

CSLS for GP 14 (2015) and later requires Dot Net 4.5. This is normally installed with GP 2015, but if it is not then the CSLS Install should prompt you to install it during the CSLS Install process. Otherwise, you will need to install it manually.

The installation of CSLS requires Windows Installer 4.5 or higher. The installation will automatically install it for you, but be aware that a re-boot of the workstation may be required. To see if Windows Installer 4.5 is already on the machine, go to Start > Run > msiexec.exe.

Server

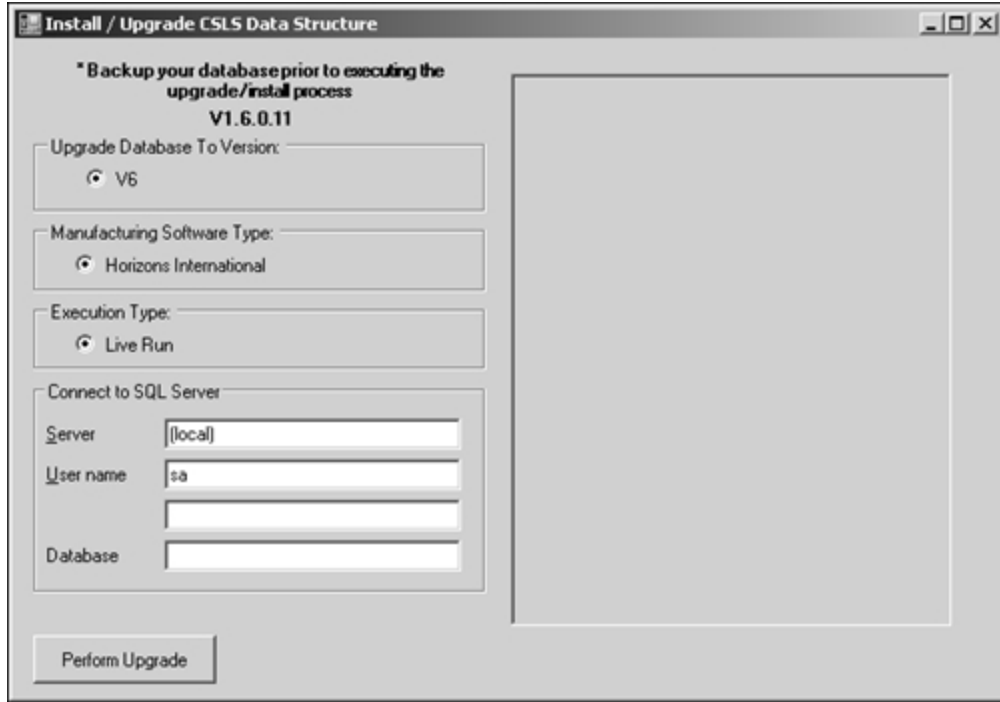To update the server, unzip the CSLS zip file. Make sure you have the correct version of CSLS for the GP version and Service Pack (sp number). In this zip you will find two more zip files:

- The CSLS version must match the HMS version. This is the second to the last number in the version. For example in 11.81.01.86, the CSLS version is 1 (01). This must match the same digit (second to last) in the HMS version - like

HMS1181sp1.1.55. The CSLS version is 1 (1.55). Also make sure the first number (the GP version) and the second one (the HMS version) are the same. For HMS 11.81 the CSLS version on the zip file name would be CSLS.....V11.81. To see the current version loaded, go to the Dynamics/AddIns directory and hold your mouse over the ComponentSerialLotSelect.dll. The version is called File Version. This only works with Microsoft Windows Explorer.

- CSLS_AppSetup_xx.xx.xx. This will be used in the next section to install CSLS for every workstation that will be using HMS.
- CSLS_DatabaseInstaller_xx.xx.xx. Run CSLSInstaller.exe. The Installer is used both for initial installations and for upgrades and only need be run one time on the server. It will create the required stored procedures in the company database, create a HZS_User and grant appropriate permissions. NOTE: The HZS_User is the same user required by the Horizons Quality Essentials Suite and the password is encrypted for security. Do NOT attempt to change the password in SQL or CSLS will not be able to connect to the database.
- **Multiple Companies** - CSLS can be used for multiple companies without having to have a separate config file for each. Once CSLS is working properly with the first company, simply run the Database Installer on any other company databases that you want to use CSLS with. When logging into another company than the one set in the config file, CSLS automatically pulls the required information for that company.

1. Unzip the CSLS Database Installer to a directory on your workstation. There are a number of files and dlls, so you may want to create a folder on your desktop for these install files.
2. Double-click 'CSLSInstaller.exe'.
3. In the Install/Upgrade CSLS Data Structure window, enter the servername/instance (e.g.Myserver\GP2010), enter the 'sa' password for SQL and enter the company database ID.

Install / Upgrade CSLS Data Structure

*Backup your database prior to executing the upgrade/install process

V1.6.0.11

Upgrade Database To Version:
○ V6

Manufacturing Software Type:
● Horizons International

Execution Type:
● Live Run

Connect to SQL Server
Server: [local]
User name: sa

Database:

Perform Upgrade

4. Click the 'Perform Upgrade' button to launch the process.
5. When the process is complete, a dialog box will appear. (This may take several minutes.) Click OK and then close the Install/Upgrade CSLS Data Structure window.
6. When installing CSLS for more than one database, follow the above process for each database.

Processing Successful

OK
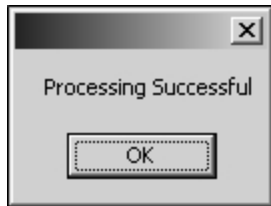
## Workstation

This installation must be done for each workstation that will be using CSLS. It is not necessary to install this on workstations in the organization that will NOT be using CSLS or posting manufacturing transfers.

If CSLS is already installed on the computer you may get an error when running the AppInstall that a version of CSLS is already installed. You must then go to Control Panel -

Programs and uninstall 'Horizons CSLS'. It is a good idea to uninstall the previous version regardless. Afterwards, proceed with the installation as follows.

Install the Application

1. Log onto the workstation as an Administrator.
2. Unzip the 'CSLS_AppInstall_xx.xx.xx' files to a directory on the workstation.
3. Double-click the 'setup.exe' to launch the installation. You might be prompted to install the latest version of Windows Installer. That process must complete before continuing with the CSLS install. This might entail a re-boot of the machine.
4. The CSLS Setup wizard will start. Click 'Next'. Click 'Next' again.
5. The standard path for Dynamics GP will default. If needed, use the browse button to change the directory where Dynamics GP is installed on the workstation. You must choose the same location as the dynamics.exe.
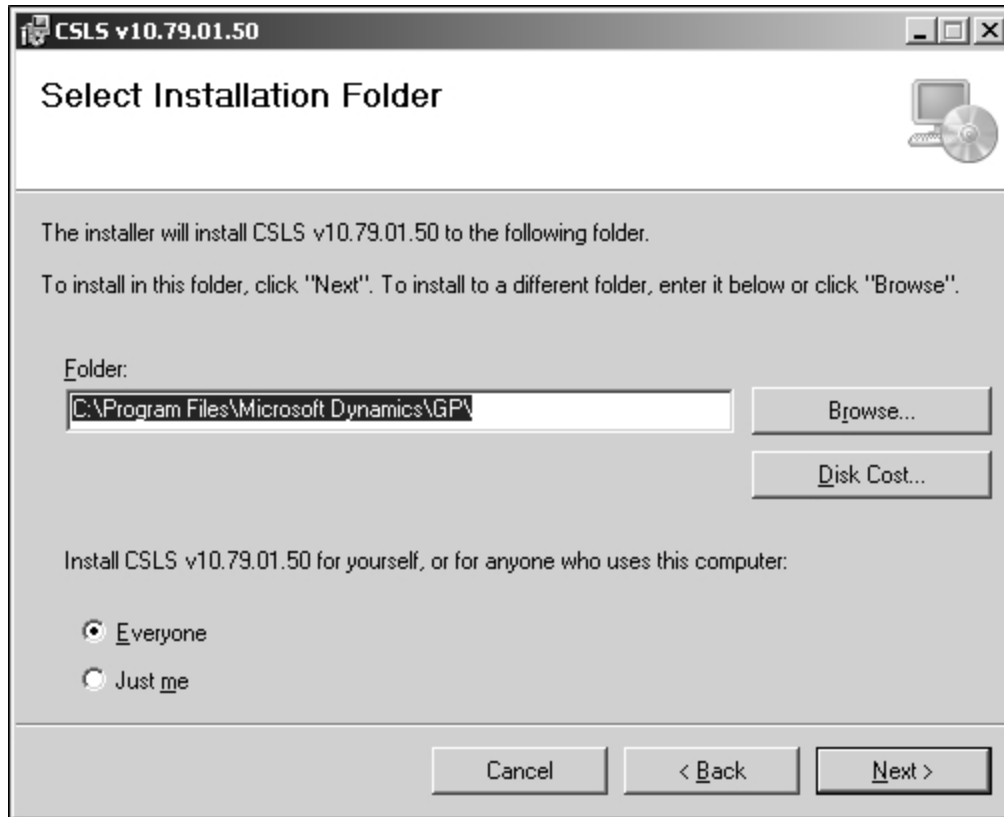
6. Click Next. The installation will begin.
7. When the installation is complete, click 'Close' on the Installation Complete window.
8. Verify that the files and dlls are in the correct locations:

- A Number of dlls will have been installed in the AddIns directory.
- Two files at the root of Dynamics GP: AppHelper.dll and IdeaBlade.ibconfig

Set the source

1. Open IdeaBlade.ibconfig in the Dynamics root directory using notepad or another test editor.
2. The section that controls the connections for CSLS is 'rdbkey' underneath the </logging> section. There are two of them listed. Make sure they are both updated to the same values.
3. Change the Data Source= to your SQL Server Instance (like HMS_Server\GP_11). If your instance name is (local), enter just the name of the computer (like HMS_Server). That is found on the 'My Computer' window - right click on 'My Computer' and choose properties.

Example:

<rdbKey name="HZS" databaseProduct="Unknown">
<connection>**Data Source**=ENTER_SERVER_HERE</connection>
 <probeAssemblyName>HMS_CSLS_Model</probeAssemblyName>
</rdbKey>

<rdbKey name="HZSIH" databaseProduct="Unknown">
<connection>**Data Source**=ENTER_SERVER_HERE</connection>
<probeAssemblyName>LotMgmtAddIn</probeAssemblyName>
</rdbKey>

If you have more than one workstation to install CSLS on, first test that you can connect properly by opening a work order in HMS and select Cpnt S/L Select from the Production Entry Go-To. Note: if you already have work orders in the system that have all been transferred using the original HMS windows, you will not be able to open CSLS. If that is the case, create a new work order, calculate it and then open CSLS. Delete your test work order.

Copy the IdeaBlade.ibconfig that you completed on the first workstation and replace it on each workstation after the Application Installation is complete.

Troubleshooting

Error after logging into GP that CSLS could not be loaded.

This is usually because the entries in the IdeaBlade.ibconfig file are not correct or the Users in SQL Security are not installed correctly. Under Security - Users, for each database ,

delete the HZS_User. Under the Security for the SQL Server - Logins, delete the HZS_User there. Run the Database Installer for CSLS again.

A second reason for this error can be that the GP directory does not have write access for the user. CSLS writes debug information to that directory and will give this error if it cannot do so.

🐎 Update Troubleshooting

Updating When There Is No Version Change

Q: I need to install a new build, but I understand that I don't need to actually run an upgrade on my data--what is the proper procedure to just install a new build?

A: You will need to install the same code on each workstation. After you install the first workstation, please refer to the section on installing additional workstations to do the rest. To install the first workstation:

- This is a BoM.dic, not a chunk file. To load the new code, first rename the Bom.dic so that you can perform the HMS Form and Reports update using GP Utilities (if there are modifications). Copy the new code in and make sure everyone is out of GP. If this is on a Terminal Server then it is a good idea to reboot the machine before continuing, because the dictionaries can sometimes remain locked even when everyone is out. Go to GP Utilities and run the Forms and Reports update for HMS. When a UNC path for the forms and reports does not work for the update, move the HMS forms and reports dictionaries to a local directory, change the path in the Dynamics.set file and run the GP Utilities update again. Afterwards, log into GP as 'sa'. If there are any errors logging in, let us know.

  The HMS Install and Updates window will open after login and any new tables will be automatically created. If there is no major HMS version change like from 81 to 82, no table updates are required. Go to HMS File Maintenance using the File Maintenance button at the top of the Install window. Simply click the Insert All button. As the tables are inserted to the right they are opened and then closed. If there are any table errors, let us know. Do not run any processes in the File Maintenance window. Mark the 2 checkboxes on the HMS Install and Updates window if everything is OK ('Table Updates Completed' and 'Current Changes Have Been Read').

  Make sure every other work station on the network has the new code. Having different versions can cause errors during the posting of work orders, etc.

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

If this comes up when loading the latest code for an upgrade then the BOM50501 table needs to be edited. The code is not recognizing the old version. Edit the record where the HLM_Install_Option and HLM_Build_Number are zero. Clear the column titled - HLM_Current_Build (Make it blank). You can also remove that record, instead of editing it. Once this is done the code that is loaded will not be version checked.

Automatic Table Creation/Binding Defaults Not Working

Q: I'm trying to install the new Horizons Manufacturing System code. Why aren't the tables getting created and the defaults bound?

A: In order to create the tables, you have to log in as 'sa'. No other user ID will trigger the automatic procedure.

Error on table IV_Production_Serial_Lot_HIST_Temp

This table is dropped and created when logging into GP as 'sa'. If there is a problem with this process and an error comes up with this table name, go to GP SQL Maintenance and drop/create the table in the company database you are logging into. As the name indicates, this is a temporary table used in HMS Serial Lot selections. It does not contain permanent data.

Installation and Upgrade window always appears

Q: Every time my users log in, they get the 'Installation and Upgrade' window. How can I make this go away?

A: There are two issues to check:

- Be sure that you click the Table Updates Completed and the Current Changes have been read boxes.
- Also, be sure that ALL workstations have the exact same build. To see the build, look at the HMS Version window (HMS | About HMS). All information is relevant, including the date. If one user logs in with the incorrect version (even if they don't access any Horizons screens) they will set a flag in a setup table, and then all subsequent users will get the screen.

Registration Issues

Q: Why can't I register my product?

A: There are a number of reasons that registration fails. Check the following:

- Are you in the test company, "Fabrikam" while accessing the registration screen? Instead, access it from your company database.
- Is the company name correct? Instead of trying to visually compare the name in the Horizons Registration window to that in the Dynamics GP Registration one, try copying the Horizons name and pasting it into the Dynamics GP screen. Sometimes Dynamics GP will accept the Horizons name even if it is slightly different than the original Dynamics GP registered name.

- Sometimes copying and pasting from a word document (such as an email editor) will put unwanted, invisible characters into the keys. Instead, try copying the reg keys into notepad first.

If none of these work, call technical support as your keys may have been improperly generated.

Some Companies don't need HMS installed

Q: I have several companies, some of which don't need Horizons. How can I avoid creating tables when I log in?

A: Don't log in as 'sa'—that is the only user ID that will trigger the automatic table generation. If 'sa' accidentally logs into a company and the tables get created, having empty Horizons tables in a database won't harm anything. To prevent 'sa' from inadvertently creating tables, create a Dynamics.set launch file that does not include Horizons. Please refer to Dynamics GP documentation for further information on how to edit a launch file.

Some Tables not upgraded

Q: Some of my tables are un-checked in the 'Easy Update' window after conversion, even though there were no apparent errors. Do I need to restore from backup and try again?

A: Sometimes, tables that are empty (no data) don't look like they have converted, even though they have. To verify that those unmarked tables did indeed convert, use the HMS File Maintenance window—please refer to the Verify Conversion section above for specific instructions.

- If there are no errors during the insert tables process in the 'HMS File Maintenance' window, then you may safely return to the 'Easy Conversion' window and check those tables as updated.
- If there is an error on a table and there is data in the table (use SQL Enterprise Manager to open the table and look), leave the table in the 'Easy Update' window unmarked and run the upgrade again. Important Note: You will be given the option to 'Refill' the list—DO NOT REFILL. Click on the 'Continue' button. If you click on the 'Refill' button, the entire upgrade will start over instead of just attempting to upgrade the one table.
- If there is an error on a table and you have verified that there is no data in the table, then use the Dynamics GP File Maintenance - SQL window to drop and create the table. Be very careful to mark the correct table. Data will be lost if a table with data is marked. (Note - NEVER use Ctrl+A on the table list to mark all tables. Some tables will be marked in the list that are not HMS tables.) Mark a set of tables using the CTRL or Shift key plus a mouse click. The last table that is an HMS table in the list is 'IV_Item_Alternate_Types'. After running the SQL Maintenance process, you

may need to run the 'Grant.sql' script provided in the \SQL\Util\ folder from Dynamics GP.

It is possible after running all of the above methods that an empty table will not upgrade and will not give an error in HMS File Maintenance. Run tests in GP Sales Order and Purchase order, creating and posting orders, to confirm that there are no errors. If there are then drop/create the problem tables in GP SQL Maintenance to make sure they are in synch with the currently installed HMS version.

Getting errors during conversion

Q: I have a 'Get/Change' operation on a table 'failed accessing SQL Data' and now the conversion has stopped. What can I do now?

A: Sometimes a table will fail because there is no data in it, and sometimes because of other, more serious reasons. Here are the steps to resume the upgrade:

1. Write down the exact name of the table that failed and click the OK button.

2. Close the 'Progress' window if the conversion process has stopped. Sometimes the upgrade process will continue and you can complete the rest of the tables before dealing with the table that failed.

3. In the 'Easy Conversion' window, click on the refresh button. You will see that there may be some tables that are flagged as already converted. Find the table that failed and mark the Updated box.

4. Click on the Process button. The same dialog box will appear as when you first started the upgrade. Click on the Continue button.

5. A second dialog box will appear to warn you that some tables have already been converted. Click on the Continue button.

6. It is not uncommon to have other tables fail. If this happens, just repeat the process above, making careful note of which tables have not upgraded.

After the process is complete, perform the steps in the Verify Conversion section of this document. If no tables fail during the insert, then all the data really did convert, or were new tables for the new versus old HMS versions, and you are done with the conversion. If one of the tables that you bypassed in the routines above fails the file maintenance, then further action must be taken. Please contact technical support.

Some tables fail the 'Insert All>>' in File Maintenance

Q: I have some tables that have an 'Incorrect record' length error when I insert them in the BOM File Maintenance window. How can I correct that?

A: Another typical error is 'Invalid Column Name'. There are several options to solve this.

- If the data in the table is unimportant or non-existent, the table and stored procedures can be recreated using the 'SQL Maintenance' screen (File | Maintenance | SQL).
- Be sure you have selected only the table that you need to recreate. . (Note - NEVER use Ctrl+A on the table list to mark all tables. Some tables will be marked in the list that are not HMS tables)
- Make sure that all users are out of the system and that you have a good backup.
- Log in as 'sa'.
- Drop and Recreate both the Table and the Auto Procedure.

If the table is large or irreplaceable, please contact technical support.

Configurator Errors even when CFG not installed

Q: I don't have Configurator installed or registered, but after successfully upgrading Manufacturing, I'm getting an error that refers to a 'CFG' table when I try to use the Auto-Create Workorders from SOP' window.

A: This can happen on any HMS build. To solve this, log into Dynamics GP as 'sa' and use the 'SQL Maintenance' window to drop and re-create the CFG_SOP_HDR table and auto procedures (Be careful to only get the one table that you want—don't ever use Ctrl+A to select all when using the SQL Maintenance window). If you get another error that refers to CFG_SOP_DETAIL, perform the same steps.

Didn't Update Stored Procedures before installing new code

Q: I forgot to update the stored procedures before I installed the new HMS code and the upgrade is failing. Can I just recreate them now?

A: No, you cannot recreate them with the new code installed. You must install the old HMS code and then recreate them. Note that if your old version is 7.5-72 or earlier, there will be no HMS option in the GP cascading menus--you will need to add the 'HMS Installation and Updates' window to the Shortcuts bar to complete the required steps.

To install the 'old' code in the newly upgraded install, rename (or remove) the BOM.dic that has the new code and put in the chunk file for the old version. If you do not have the old chunk file, then you can copy the old BOM.dic into the folder (or contact support to provide code for you). Launch Dynamics GP and open the 'HMS Installation and Updates' window and click on the 'File Maintenance' button (Manufacturing Home Page | Utilities | Install and Update'). Follow the instructions under File Maintenance earlier in Pre-update Procedures to Update the Stored Procedures. Once those procedures are complete you may install the new HMS code and proceed with the upgrade.

Can't Update the Stored Procedures

Q: When I attempt to follow the instructions to update the stored procedures as part of my preparation for the upgrade, I get a message that I can't. What now?

A: Sometimes the stored procedures may be damaged or in some other way inaccessible from within Dynamics GP. In that case, use Enterprise Manager to remove all stored procedures related to HMS, those beginning with 'zDP_BOM50'. Then you can use SQL Maintenance (File > Maintenance > SQL) to re-create them.

Reports Didn't upgrade

Q: I'm getting errors when I try to run my modified reports after my upgrade. What can I do?

A: Reports are notorious for being difficult to upgrade. If the standard procedure that automatically upgrades them while the code is being included doesn't work, there are additional steps you may attempt. Sometimes, you simply can't upgrade reports and they will need to be re-created in the new version.

- Remove all security to the old modified reports by re-naming or deleting the BOMRPTS.dic and reconciling security.
- Create a brand-new, empty BOMRPTS.dic by launching Report Writer for HMS.
- If you have the old BOMRPTS.dic, use the import function in Report Writer to import your reports. You may now grant security access to those modified reports using GP security and test them.
- If that didn't work and you saved packages of each report during the pre-upgrade preparation steps, you can also try to import the package for each report that you couldn't upgrade using Customization Maintenance in GP.

Smartlist now gives errors for users

Q: I've completed the upgrade, but now users are all getting errors such as 'Unhandled script Exception'.

A: Since there is no upgrade for Smartlist favorites, during the preparation for the upgrade, you should have removed Smartlist completely from the system and then installed using the SQL data installer. If that wasn't done, you need to do it now, after the upgrade has been completed. Sometimes that means that the CTree tables that were originally at the root of the Dynamics GP workstation install have been lost. In that case please contact support to send you the older files.

- Determine what version you were coming from. For this example we are assuming you have upgraded from 9-76 to HMS 18 85.
- Locate the Smartlist Files for the old version. For this example that would be 'HMS_ 76_SmartlistFiles.zip'.
- Unzip the contents to the 'Data' folder of the Dynamics GP workstation (typical path is C:\Program Files\Microsoft Dynamics\GP\Data).
- Launch Dynamics GP and open Smartlist.

- Open the 'Table Info' window (Utilities > Smartlist Setup)
- Click the 'Add/Remove' tables button
- Click 'Remove'
- Click 'All' in the dialog
- When the process is complete, click 'OK' in the dialog.
- Close all Smartlist Setup window.
- Close Smartlist and re-open it to verify that all HMS objects have been removed.

You may now use the Smartlist Data Installer to create the objects for HMS 18 85. Please follow the instructions in the upgrade manual under 'Optional Procedures'.

Table_Info errors after upgrade

Q: My users are intermittently getting an error that refers to a table called 'Table_Info'. What is causing this?

A: This is resolved by completing the SQL table installation for Smartlist that is now required in HMS 18 85. If you recently upgraded to 10-77 and are getting this error, you must upgrade to HMS 18 85. There is no fix available for this issue in 10-77.

Getting an error when the 'File Maintenance' button is clicked on the HMS Install and Update window.

Q: I just installed HMS 18 85 for GP 18 (2018). From the HMS Install and Update window, I clicked 'File Maintenance and I get an error on the Horizons_Registration table. The additional information window says: 'Invalid character value for cast specification'.

A: This is happening because the Registration table has been changed. Complete the upgrade process first (click the 'Convert Data' button on the HMS Installation and Update window), enter your new registration keys (Manufacturing Home Page | Setup | Registration) and the error will be resolved.

Smartlist Installer won't run

Q: I'm following the instructions to install Smartlist on my 64-bit server but it won't run.

A: In the Smartlist Installer zip file that you downloaded with the code, there is a SQL script: Smartlist Data Installer.sql. You can run that manually in a query in SQL. Run it against the DYNAMICS database. This only needs to be done once.

Can't connect to CSLS during log in

Q: As I log into GP, I'm getting the following message:

> 'Horizons CSLS Not Connected! There is an issue with the connection information of XML key in the ibconfig file in the root GP Directory.'

A: The HZS_User is missing from SQL, or has inadequate permissions. The Upgrader portion of the install process either wasn't completed, or someone has changed the user or

password. To correct this, open SQL Management Studio and remove the HZS_User from all company databases as well as the HZS_System database. Then remove the HZS_User login. Re-run the Upgrader to set the proper user and credentials.

This can also be caused by not having the correct connection strings in the ibconfig, or by having the dlls in some directory other than the 'addins'.

Can't include code

Q: I'm running a Vista/Windows 7 workstation and I'm getting an error when I try to include the code about 'File not found' or 'Privilege Error'.

A: There are two reasons this is happening:

1. You already are logged into Dynamics GP on the workstation (and therefore getting a privilege error because you can't write to the dynamics.set)
2. You have UAC (User Access Control) enabled and haven't provided the correct access to the user. To change that, right-click on the Dynamics GP folder (typically c:\Program Files\Microsoft Dynamics\ GP) and give the user full rights to the folder. This will enable the installation of the code as well as the ability to run GP (this solution was provided by Microsoft as the ideal way to run Dynamics GP in Windows 7)

HMS Timers are not working

Timers - There are two timers in HMS that will be disabled if a conversion is required or older code has been installed. These timers should be enabled after the conversion. If they do not, log out of GP and back in and they should start normally.