

Notes on installation and use: This is for MRPRO Version 5.1 sub July '12. (the sub dates are identified by the date on the file called mrpro517.xla in the product folder).

Minimum system requirements for MRPRO report generator: IBM PC compatible running Microsoft Windows XP or higher and Microsoft Excel 2007 or higher (2003 will work for rollups, but not for social media exchanges).

Windows 7-must be 64-bit or 32 bit OS, but must be 32 bit Microsoft Excel installation.

Minimum system requirements for MRPRO web clients- Important views of the reports generated by MRPRO report generator can be got on the local system, intranet and internet using the MRPRO Web client. Mozilla Firefox is the recommended browser for the web data capability and features.

Exit all instances of Excel. Then download the ZIP file to a blank temporary directory. Then extract the files using password to another blank temporary directory. (For simplicity always choose these directories, so that the path from C: is without spaces. That is C:\temp1\temp2 is ok). After this see right below for New installation and further down below (just above the paragraph describing Use of MRPRO) for Updating existing installation.

Installation:

If getting a ZIP file, if you have not done so, download to blank temporary directory and extract using password to another blank temporary directory. For simplicity always choose these directories, so that the path from C: is without spaces. That is

C:\temp1\temp2 is ok

but c:\temp one\temp2 or c:\temp1\temp 2 or c:\users\my documents\temp1 or similar ones may require more steps for your installation.

At this point, if you have an existing installation of MRPRO, Be in the extracted folder, then Go to Windows menu and "Select All" files, Then "Copy", then move over to C:\mrp51 folder, right click in the folder and do "Paste". Then after this, you can skip the other steps below and go directly to launch MRPRO.

If this is a new installation then do this after the above steps are completed:

From the Start button, go to Run (or if there is no Run button, open the directory where the extracted files are and double click to run a file), click browse, find the extracted directory and find the Setup file and run it. When it shows the directory to install to, click change directory and enter C:\mrp51 as the directory to install to. If it asks whether a directory can be created, Click yes. This installs the system components. These system components must be in the C:\mrp51 (exactly as shown, matching case) for the program to work properly.

Be in the extracted folder, then Go to Windows menu and "Select All" files, Then "Copy", then move over to C:\mrp51 folder, right click in the folder and do "Paste"

a. This automatically copies the program components to the C:\mrp51 directory. To register the necessary dll, if you use 64 bit Operating system, Right click on the file myrekg7.bat and "Run as Administrator". If you use 32 bit Operating system, Right click on the file myrekg.bat and "Run as Administrator".

The dll should automatically register. If not, it will need to be manually registered (see below for manual registration of dll).

Then just open Excel without launching MRPRO, and the name for license registration must be entered, along with company name and physical location, in Column B.

Then save the file.

For Excel 2010, you must after installation, enable the C:\mrp51 directory as a trusted directory by going to Excel Options, Trust Center and set there.

Then exit Excel, you are ready to launch MRPRO.

Then you can launch MRPRO from the start button, in programs. For the very first time, always, go the Registration button on the very top of the main page, and click "Click for User Registration". Then, ONLY when you accept license conditions, you can use MRPRO correctly loading modules appropriately.

If saving the file mrpro51, because you have some work in progress, always save as an xls file, not anxlsx file, unless you want to manually set the Addins each time to run the program. However, all other files such as masterlist may be saved as xlsx files or xls files.

If you are having installation problems:

Read the instructions first to make sure you are following exactly. Then, here are debug solutions to some rare instances of problems:

1. If you cannot Run the Setup file (this usually happens only when you have upgraded your OS on the same old computer or somehow messed up your hard drive), then chances are you will need to read the following page at Microsoft:

<http://support.microsoft.com/kb/180071>

The following file (which, if you have a problem running Setup, you should download and run before running Setup) that is needed to be able to run the Setup is available for download from the Microsoft Download Center:

Msvbvm50.exe (<http://download.microsoft.com/download/vb50pro/utility/1/win98/en-us/msvbvm50.exe>)

2. Please ensure you have exited all instances of Excel before any installation step.

3. For manually registering the dll (which should normally show as being registered successfully when you run TMORE or TMORE7 as applicable:

From Start button, go to Accessories, Right Click on Command prompt, Run as administrator, and then if you have a 32 bit OS (like Windows XP, Windows Vista or 32 bit Windows 7) are in C:\windows\setup32, you type in (it is letter 1 and 32 in mrprodongoodl32)

```
regsvr32 c:\mrp51\mrprodongoodl32.dll
```

If you have 64 bit Windows 7, type in

```
cd..
```

```
cd sysWoW64
```

at the c:\windows\sysWOW64 prompt type in

```
regsvr32 c:\mrp51\mrprodongoodl32.dll
```

Alternate methods of installation:

If you are not following the specified procedures, or your computer has an updated operating system on the same old hardware etc, you may need some additional steps for installation-

If you just cannot run Setup even using the patch from Microsoft, then just copy the extracted files to the C:\mrp51 directory and then run myrekg.bat or myrekg7.bat (for 32 bit and 64 nit Windows systems respectively, or if this does not work, manually register the mrprodongoodl32.dll as described). Then manually add the Addin by going to Excel options, Addins, Manage Addins, then in the drop down browse for the C:\mrp51 directory and point to mrpro517.xla and make sure it shows in the check box (For Excel 2003, this is in Tools, then Addins). Then after this you can go to Addins menu in the Ribbon, and click the "Launch the MRPRO main console from here". This is your launch point for MRPRO.

If you can run Setup, but do not see any system files (mrpro517.xla or mrprodongoodl32.dll or mrpro51.xls) in the C:\mrp51 directory, manually copy ALL the extracted files over to C:\mrp51 and then manually register the dll and manually add the Addin as described above. However, you will be able to launch MRPRO from the Start button in this case (easier).

To remove a bad installation:

If you installed in the wrong directory, you must carefully un-install and re-install again. First, un-install MRPRO using the un-install program in the Windows control panel. Then open the C:\mrp51 directory and delete the mrpro51.xla file. Also for Excel 2003, open Excel, under Tools, find "Addins". Click this, find the Addin called "mrpro517.xla" and click it with the right button of the mouse and click delete. For bad installations, you must also do a general search of mrpro517.xla and delete all instances of them, by right clicking on the search result (if the file exists) and deleting. You must do this before attempting another installation. Make sure you download the zip again, especially if you are not sure whether you deleted any files in your ZIP file or your extracted directory.

After Installation:

After installation, if you have received custom pre-registered files, you are all set to proceed using the program. If you did not manually register as required, you will be prompted for your name, the Company name and physical location, which provides the necessary authorization. Product Registration is necessary for upgrades and email consultation.

If, for any reason, you cannot save the name registration license file, exit MRPRO, and Excel. Then reopen Excel alone (without MRPRO), if the MRPRO license registration page comes up, enter your name, company and physical location in Column B adjacent to the request cell, and save the file, then exit Excel.

Now launch MRPRO. The license page will only flash momentarily once to load the MRPRO library.

If you have not done so, go to the Registration button on the very top of the main page (Sheet "mncns") of MRPRO, and click "Click for User Registration". Then, ONLY when you accept license conditions, you can use MRPRO correctly loading modules appropriately.

Each time you launch Excel, MRPRO launches some utilities for you. If however, you are an infrequent user of MRPRO, and do not want to load the MRPRO library and background functions each time you use Excel, you can go to Excel options, Manage, Addins, Manage Addins, and uncheck mrpro517. But then, if you want to use MRPRO, make sure to re-check it prior to launching it (if need to, you will have to browse to the C:\mrp51 directory to point to the file), if you do plan to use it later. This simple extra step means that you do not need to re-install if you want to use MRPRO, but it also means that you will need to make sure it is checked in Addins each time you launch MRPRO. The easiest is to keep it checked always (so you do not need to check it each time). When you open Excel, an instantaneous flash of your registration will appear and you will have some extra utilities in the Addins Ribbon menu.

For all buttons' usage read this User's Manual, and search by keywords in the text that correspond to the button command. Some buttons have "mouseover" in the nearby cell for clarifications, especially if there are some special procedures.

Updating an existing installation:

If getting a ZIP file, if you have not done so, download to blank temporary directory and extract using password to another blank temporary directory. For simplicity always choose these directories, so that the path from C: is without

spaces. That is

C:\temp1\temp2 is ok

Then from the extracted folder simply run FULLUPDATE-this will update the masterlist also. (see end of this readme text for testing if your installation is ok or needs another step.)

Use of MRPRO:

Use of MRPRO can be used for aggregating supplier information, to validate the . Main console:

Sheet mncns is referred to as the main console. Most of the operation is from here. Some operations can also be done from Addins menus on the Excel Ribbon (2007 or higher), or under "Tools" in Excel 2003.

Use Supplier names:

This can be done by opening the Contacts list, which gets the Contacts Sheet of the "masterlist" workbook. Supplier names are maintained, and using the "make file association" button in the Addins ribbon panel, the appropriate file associations based on Supplier name are maintained here. Importing the summary from each EICC-GeSI brings the summary data here. To use this function, simply click the Contacts sheet, and then use the import function button in the Addins Ribbon panel.

Supplier based Rollups and Using Sheet AF

Supplier based Rollups are created using the information entered in Sheet AF. To use association by Supplier Name, enter the Supplier names and use the file association button the Addins Ribbon panel (after clicking the Sheet AF) to associate files using the masterlist maintained file associations. Alternately, you can just directly input the full path, filename, and extension by using the "Load supplier files/Sheet AF" button on the Addin Ribbon panel. Then use the supplier based Rollup button in Sheet mncns to do the rollups. After doing rollups, prior to closing the file, if you are interested in a creating a product level declaration, enter you product numbers in the Sheet "Product List" of the template. This will enable other companies to use your template to do BOM based rollups.

Validation of EICC-GeSI form

This is done from the form itself now.

To open any file, you can simply click on any cell that contains the full path, name and extension of the file, and click "Open Excel file" in the Addins Ribbon panel.

(If running Excel 2003 and need to view xlsx files try this free utility from Microsoft that lets xlsx files be opened by older versions of Excel.)

<http://office.microsoft.com/en-us/excel-help/open-an-office-excel-2007-workbook-in-an-earlier-version-of-excel-HA010014107.aspx>

Creating List Report

To create a list report, first the list criteria must be set (see below).

Setting List Criteria

Clicking this button opens an excel sheet where list filtering criteria can be set. The default includes all of the elements unfiltered for any of the parameters in the criteria. By entering a value in any of the parameters, the search is limited by filtering for that specific parameter having that value.

Doing a BOM based rollup:

To use this feature the names or IDs of suppliers in Sheet BOM (Column B in Sheet BOM) must be a part of the filename in Sheet AF (column A), though they could be in different rows.

There are two options, if a straight BOM rollup is chosen as option, the declarations of the suppliers listed in Column B of Sheet BOM will be rolled up (the entry of part numbers in Column A of the same row in BOM is to identify the supplier as the one in column B for ease of user). The column A in Sheet AF must contain at least the list of supplier filenames of the suppliers in Column B of Sheet BOM (it could have many others)-the supplier names in BOM must be a part of the filenames in Sheet AF, but the order of rows is immaterial between AF and BOM.

The other option for BOM based rollups is for detailed search of the Product List sheet of the supplier declarations for the part number listed in column A of BOM. This is for the advanced user who is sure his suppliers are listed all product numbers in the Product List of their declarations.

This will just do Simple rollup of suppliers listed in Column B of Sheet BOM corresponding to each part number in Column A of Sheet BOM, if that part number is found in the Product List sheet of THAT supplier's declaration. It is important that this feature requires that each row, the columns A and B (of Sheet BOM) must correspond in that the part number must be from that supplier. If however, the suppliers of part numbers are not known, list all suppliers files in AF, (and optionally enter just the part numbers in Sheet BOM (column A), this will create a rollup for those parts, but from all the suppliers listed in Sheet AF-you can just as well list just the supplier files in AF and get the same result, but listing the part numbers may be of use in deciding which supplier files to load for that product category.

Exporting XML

Once a EICC-GeSI template has been completed, it can be exported to an XML format. Prior to doing this, do a validation to ensure all required fields are completed. Then simply click any cell in the template to be exported, then click the Addins menu, then click the "Export EICC-GeSI XML" button. When prompted for a filename, enter a filename of your choice. The default format will be XML.

Importing XML

A XML file created to the conformity of a 1.0 schema can be imported into an Excel format. To import an XML thus, simply click the "Import XML..." button, then when prompted to choose a file, simply point to the appropriate XML file, the data will be pulled into a EICC-GeSI template and made visible and available in Excel.

Other utilities (These Utilities come up on the Addins Ribbon in Excel 2007 and higher, and in the Tools menu in Excel 2003). Here's a description of some of the important ones:

Open Excel file

To open any Excel file, click a cell that has the complete path and filename and extension of a file, then click the open excel file button in the Addins Ribbon menu. The file will be opened.

View chosen dec/xml

In this version, this opens, in text format, the xml file whose filename including entire path and extension are in a selected (clicked) cell, just in a browser. If you need to import into cell, use the button for importing xml into Excel in Sheet mncnx.

Select filename

Selects a range so you can copy and paste elsewhere an entire range.

See xml text/default view

In this version, this opens, in text format, the xml file whose filename (excluding path and extension) is in a selected (clicked) cell, just in a browser. If you need to import into cell, use the button for importing xml into Excel in Sheet mncnx.

See .txt/Notepad

In this version, this opens, in text format, using notepad the text file whose filename (excluding path and extension) is in a selected (clicked) cell.

Check down col for non-ASCII

This checks and removes non-ASCII characters down a column.

List of filenames

To obtain a list of filenames of files in Excel format, txt format or xml format, simply click the button "List of filenames" button in the Addins Ribbon menu. When prompted for a directory, choose the appropriate directory. The default is C:\mvp51. When prompted for a partial string, enter a string or leave blank (for all files). Filenames matching the partial string entered will be displayed. These filenames can be copied and pasted for example in to Sheet AF.

This loads a bunch of Excel and XML names onto a file called miscefil.xls and made visible. First the user is prompted for the main directories. These can be cloud directories on the hard drive of a PC, or just regular directories. When done picking the main directories, the user finally clicks cancel. Then the user is prompted to whether all files from allsubdirectories of all main directories should be searched to load files, or only those listed by name in the second sheet of miscefil.xls or only files from the main directories picked (without going their one level subdirectories) should be searched for loading. Finally a search string for the filename can be entered.

Only files from the directories chosen by the user and the proper options selected should appear in the list, otherwise the user has not selected options properly.

Load Supplier Data/Sheet AF

This loads a bunch of supplier Excel templates' names onto SHEET AF. First the user is prompted for the main directories. These can be cloud directories on the hard drive of a PC, or just regular directories. When done picking the main directories, the user finally clicks cancel. Then the user is prompted to whether all files from allsubdirectories of all main directories should be searched to load files, or only those listed by name in the second sheet of miscefil.xls or only files from the main directories picked (without going their one level subdirectories) should be searched for loading. Finally a search string for the filename can be entered. Only files from the directories chosen by the user and the proper options selected should appear in Sheet AF, otherwise the user has not selected options properly.

Load Supplier Data/Masterlist

This loads a bunch of supplier Excel templates' names onto Column L of the Contacts sheet of the masterlist. First the user is prompted for the main directories. These can be cloud directories on the hard drive of a PC, or just regular directories. When done picking the main directories, the user finally clicks cancel. Then the user is prompted to whether all files from allsubdirectories of all main directories should be searched to load files, or only those listed by name in the second sheet of miscefil.xls or only files from the main directories picked (without going their one level subdirectories) should be searched for loading. Finally a search string for the filename can be entered. Only files from the directories chosen by the user and the proper options selected should appear in Column L of the Contacts sheet of the masterlist, otherwise the user has not selected options properly.

Make file association

The Addins Ribbon button "Make file association" can be used only from The "Contacts" sheet of the Masterlist or the Sheet AF of the dashboard. When used from the masterlist, you will be prompted for directory, then filenames matching the

supplier names entered in the Contacts page of the masterlist will be displayed in the appropriate column of the Masterlist. When used from Sheet AF of the dashboard, the file association are made as follows: The supplier names entered in Sheet AF are compared with the list in the Contacts page of the masterlist and the corresponding filenames as in the Contacts page of the masterlist are pulled into Sheet AF. The file names must already exist in the Contacts page of the masterlist to be able for this to work in Sheet AF. (Alternatively, if you want to bypass this and pull filenames in to AF, you can use the "List of filenames" button, obtain filenames with paths, and copy any appropriate filenames into AF to do your operations. In the end, only the complete filenames, with path and extension, are needed for this).

Get cursor back

If you have run the program incorrectly or with incorrect/insufficient inputs, you may keep getting a cursor status that seems busy without doing anything (normally, nothing in the program except for huge searches or huge rollups should take more than a minute), then clicking the "Get cursor back" in the Addins Ribbon will get a normal cursor back (do this only when you are sure you are not interrupting the program).

Change column headers

This option in the Addin Ribbons menu allows users to see the headers associated with type of programs they are running.

Import older EICC-GeSi forms

In the Addins, there is feature to do this called Import older EICC-GeSi form. This can be one at a time or many files at a time. For many at a time, the filenames and paths should be loaded onto Sheet AF (if they are in a single directory, this becomes easy) by Using "Load Supplier data/Sheet AF" task in Addins and pointing to that directory when prompted. Alternately, by leaving Sheet AF blank, this same option in Addins allows user to pick one file at a time for conversion.

Delete a smelter line

This option in the Addin Ribbons menu allows users to delete a row in the "Smelter and Mine Details" sheet in the template. Now delete smelte line is available at the sheet level in the template itself.

XML Search and XML based rollups' buttons

General Note:

The entire set of filenames and paths for the XML files must be loaded onto Sheet AF. The files themselves can be on a web location, in which case entire web address must listed, or if on the desktop, the file directory must be within the C:\mrp51 directory (it can be a subdirectory within the C:\mrp51).

Recommended: For easiest use of defaults on browser settings for the search paths, the following are recommended: For desktop XML searches and rollups, set the default browser to Mozilla Firefox before doing the XML Search or Rollup, and if using web addresses for files, the recommended browser is Microsoft Internet Explorer.

Remember: Searches and Rollups are only for those listed in the Sheet AF. If you could not convert all your supplier templates to XML, then those must be converted, to be inclusive of them.

Best Management Practices and tips.

Always save mrpro51 as an xls file when saving, and it should always be in the C:\mrp51 directory.

When doing rollups, if there is any inconsistency in the data, MRPRO will indicate there is inconsistency. Data written subsequent to a warning of error will not be correct. Users should work on getting correct data from supply chain until warnings cease indicating no inconsistency.

If you are updating software updates of MRPRO using FULLUPDATE, always save a list of your supplier names (from the masterlist, using an alternate name such as masterlist-old.xls (or other) from you where you can get the list of supplier names that you paste back into the masterlist. (alternately use JUPDATE if the masterlist format has not changed, it of course has changed between version 1 and 2 of the template). When updating, using FULLUPDATE or JUPDATE) if the dll library has changed, your system, in some cases, may need to register it again with the Microsoft Windows operating system, and you can test thus:if you get a Module error when you do "Reset" on Sheet "mncns", this is most probably the reason. In that case, exit the program and Excel, find the myrekg7 (for 64 bit OS) or myrekg (for 32 bit OS) in your extracted directory and right click on it and "Run as Administrator". This will register the mrprodongoodl32.dll in your Windows again and give you a message to that effect. Your instance of this error should disappear.

Any feedback, questions or other comments should be to sent to shaka777@gmail.com