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| **DM Use of SCS/Web for 25.2**  One Time Through and You’ll Never Want Two | Abstract  It’s our dirty secret. A world class organization with a second-rate tool.  Fairbrother,Stephen  Author |

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# **Observations on SCS/Web**

About SCS/Web. This tool is like nothing you’ve ever used. Some things to know.

* You must use IE to launch the tool.
* You will probably get a certificate warning on launch - just click Continue to website if you do.
* SCS/Web does not like mistakes. If you create something with a wrong name, just create a new one – sometimes this will mean with a slightly different name. Otherwise, you have to contact the owners and ask them to delete things.
* If you cancel the IE session in which you are using SCS/Web, you must close any other IE sessions before launching again. Otherwise, SCS/Web will tell you you are already logged on and not let you in.
* SCS/Web does not remember your logon ID so you will have the pleasure of entering it each time you use the tool.
* Before you can use the tool, you must log onto it. The initial logon creates your ID in their system and then they can grant you the necessary access.

# **Order of Use**

* Phase 1 – XCOPY
* Phase 2 – Packaging
* Phase 3 – Creating the Software Product
* Phase 4 – Creating the Application Family
* Phase 5 – Creating the Event
* Phase 6 – Drink Heavily

# **Activities**

## **Phase 1 – XCOPY**

### **Obtaining the Software**

1. The software that you will be delivering must be obtained through Artifactory. Go to Jenkins: <https://usmlvv1cto2874.usmlvv1d0a.smshsc.net/jenkins/>
2. To select the build you want:
3. Click on **DM-25.2** or **DM-25.3**.
4. Click on **IMS**.
5. Click on the **branch** you want. Usually you will apply the production build so the branch value will be either **25.2** or **25.3**.
6. Click on the build number you want.
7. Click on the **Artifactory Build Info** link. This will take you to **Artifactory**.
8. Under the **Published Models** tab, click on the link displayed.
9. Hover over the .zip file name and select the **Download** option.
10. When prompted, click the **Save** button.
11. When the file has downloaded, click on the **Open folder** button.
12. Obtain the **ims-25.x.nnn.nnnn.zip** file from the directory.
13. Copy the **ims-25.x.nnn.nnnn.zip** file to your desktop.

You can close Arifactory and Jenkins now.

### **Extract the Files**

On your desktop, extract the files from the ims-25.x.nnn.nnnn.zip file.

NOTE: Extracting directly on the toolkits drive is dicey. You can get some time travel dates and times on the files.

### **Copy the Files to Toolkits**

1. Create the appropriate folder in the T:\EDI\_\_D0\_.SMS directory.

The folder must be 8 numbers and end with the .WNT extension. Typically you will create a folder based on the version/release/build number of the software.

Example: 25021884.WNT

**NOTE**: The first two digits are reserved for version; the next two digits are reserved for release. Don’t try to economize and use one digit for release – SCS/Web doesn’t like that.

1. Copy the **folders.cmd** file from the root of the T:\EDI\_\_D0\_.SMS directory to your new .WNT directory.
2. Run the **folders.cmd** file.
3. Delete the **folders.cmd** file from your new directory.
4. You can now copy the kit from your workstation into the appropriate subdirectories of your new .WNT directory

|  |  |
| --- | --- |
| File Name | Subdirectory |
| DmRouterSetup.exe | BIN |
| DmSetup.exe | BIN |
| DMInstallDb.zip | DATA |
| IkmControlDownloader.msi | INSTALL |
| Customer\_Install\_Documentation\_README.txt | README |
| Install\_Documentation\_README.txt | README |

NOTE: I copy the readme files from a previous level on the toolkits drive. They are edited to reflect the correct VVRR information. The ones that come out of the build are old.

### **Crack open SCS/Web**

1. Log onto SCS/Web, using IE, and your whq\_nt\_domain ID and password:

<https://usmlvv1scs603.northamerica.cerner.net/SCS_Web/ScsWebLogin.jsp>

(If you get the “There is a problem with this website’s security certificate.” message, click on the through the “Continue to this website (not recommended).” option.

1. In the upper left of the screen, click on the **Request System** option, hover over **Build Request**, and select the **xcopy** option.
2. In the **Source Location** field, enter the location of the directory you created in the following format:

[\\mlvv1d0a\toolkits\edi\_\_D0\_.SMS\nnxxzzzz.WNT\\*.\*](file:///\\mlvv1d0a\toolkits\edi__D0_.SMS\nnxxzzzz.WNT\*.*) (where nnzzzzzz.WNT = the actual name of the directory that you created).

1. Click on the **Notification List** link in the lower left and use the tool to add persons you want to copy on the request.
2. When finished adding individuals to the list, click the **Done** button.
3. Back on the main screen, click the **Submit** button.

This will automatically generate a request that Keith Straw usually does in a matter of minutes. When he completes that work, you will receive an email from him with a title like:

Build Request Status has been Updated (Id:2436).

***N.B.*** Keith usually leaves around 3:30 in the afternoon. If you are fighting a deadline, it is always good to contact him before 3:30 to let him know you will be making a request. Generally he can make provisions for doing it from home later on.

Once you get confirmation that the xcopy request has been completed, you can log back onto SCS/Web and go to phase two.

## **Phase 2 – Packaging**

(In this example we are dealing only with DM 25.2 – in general all of the same things apply for the earlier levels, as well)

1. Click on **Packaging** on the top tool bar and select **Install Package Workshop**.
2. Click on the plus (**+**) sign next to **EDI** and then on the plus (**+**) sign next to **V25.2SP1**.
3. **Highlight the previous package** (highest build number – last four digits in the package name).
4. Under **Package Maintenance** on the left, click the **Copy** option.
5. In the **Target Package Name** field, enter 25.2.zzzz (where zzzz = the last 4 digits of the directory name you created on the toolkits drive). SCS/Web actually uses this to find the directory that you created so the directory name is 2502zzzz.WNT, with the leading 0’s understood.
6. After entering the numbers add an underscore and name, e.g. \_BETA (where Name = something like BETA or GA, usually the only 2 options we use).
7. Click the **OK** button.
8. Everything on the next screen will be an exact copy of the original.
9. **Correct the build number information** to reflect the new build number in the **Package Name**, **Description**, and **Internal Notes** fields.
10. Click **OK**.
11. On the main screen, **select the new package name** and click on the **Verify** link on the left.
12. On the next screen, click the **Run** button and then click the **Refresh** button until the job completes. If the job completes without error, click the Return to Previous Page link in the upper left. If it fails, you probably have a problem with the numbers in the package not matching up with those in your toolkits directory name. Back to the drawing board.
13. On the main screen, still focused on the new package, click on the **Generate** link to create the new package.
14. Click on the **Show Generation** link and the **Refresh** button until the job finishes. Click the **Return to Previous Page** link in the upper left.
15. On the main page, click the **Promote/Demote** link and select **Verification** in the **Move to State** field.
16. Click the **OK** button.
17. At this point, a new directory will exist at the production level of the toolkits drive in the following location: [\\mlvv1d0a\toolkits\edi\_\_P0\_.SMS\nnxxzzzz.WNT\name](file:///\\mlvv1d0a\toolkits\edi__P0_.SMS\nnxxzzzz.WNT\name) (where name = BETA or GA, depending on how you name things.
18. I run windiff and compare the contents of the new directory with the old one on D ([\\mlvv1d0a\toolkits\edi\_\_D0\_.SMS\nnxxzzzz.WNT](file:///\\mlvv1d0a\toolkits\edi__D0_.SMS\nnxxzzzz.WNT)) to make sure nothing went wrong on the copy.
19. Once windiff finishes, return to the **Install Package Workshop** screen, **select the new package**, and click on the **Promote/Demote** link on the left. Select the **External Distribution** value from the dropdown in the **Move to State** field and click the **Apply** button.
20. You can return to the main screen of the workshop and refresh IE until you see the value in the **State** field for your package change to **External Distribution**.
21. You have to repeat all of the above to make a standalone router package, as well.

You are now ready for Phase 3.

## **Phase 3 – Creating the Software Product**

1. Click on the **Solution List** option on the toolbar on top, hover over **Select View**, and select **Software Product**.
2. Locate the **Soarian Document Management** entry on the list and click on the plus (**+**) sign next to the name.
3. **Locate the previous version** of the Software Family for DM 25.2 (name like 25.02.104.1917) and **highlight it**.
4. Click on the **Copy Product** link on the left.
5. **Correct the build number** information in the **Product Vrs./Rls./Upd** and **Product Description** fields.
6. Click on the **Software Packages** tab above the **Product Name** field.
7. You will now be **adding the package** you created previously to both the **Net New** and **Update** values.
8. Click on one of the links (**Net New or Update**).
9. In the **Filter on Package Name** field, enter EDI\_25.2
10. Click the **Filter** button.
11. Among the names in the **Available Packages** well should be the name of the package you created (edi\_25.2.zzzz\_Name).
12. **Highlight the name of your package** and click on the **>** button in the center of the display to move the package name into the **Selected Packages** well.
13. Click the **Done** button.
14. Now **click on the other link** (Net New or Update). The same packages will be listed again. Pick yours, click on the **>** button.
15. You will make this trip back and forth as you add the additional following packages:

CDBCC\_9.0.110\_I86

CDBCC\_9.0.111\_ICOPATCHES

GSM\_2.9.840\_I86\_ANTHOLOGY

TFM\_25.0.1003\_SCAN\_STANDALONE

1. When you finish, your screen will look like this:



1. Click the **Done** button.
2. Click the **OK** button.

You will need to do the same thing for the Soarian Document Management (DM) Standalone Router Software Product, as well. The good news is on the Software Packages tab, the only package you add will be the Standalone Router package:

Example Name: EDI\_25.2.1917\_STANDALONE\_ROUTER

You are now ready for Phase 4.

## **Phase 4 – Creating the Application Family**

(A story that is so repetitive that you will run screaming from the building). First a little narrative.

You will copy a previous Application Family. You will promote the new AF to Packaging. You will maintain the relationship in the new AF and associate it with the new Software Product. You will then create the deliverables. Next, you will master the deliverables. You will verify the contents of the deliverables. Finally, you will promote the AF to GA so that the software can be delivered. Starting at the point of creating the deliverables, you will do everything twice, once for net new and once for update. So nice, we do it twice! And then you will do it all over again for the Standalone Router software. You will now be very sleepy but you are not finished yet.

1. Click on the **Solution List** option on the toolbar on top, hover over **Select View**, and select **Application Family**.
2. Locate the **Soarian Document Management** entry on the list and click on the plus (**+**) sign next to the name.
3. **Locate the previous version** of the Software Family for DM 25.2 (name like 25.02.104.1917 SP1 UPDATE 4) and **highlight it**.
4. Click on the **Copy Family** link on the left.
5. Correct the values in the **Application Family Update Level** and **Application Family Notes** fields.
6. Click **OK**.
7. Click **YES** to copy the child relationships.
8. **Highlight the newly created entry**.
9. Click on the **Maintain Relationships** link on the left.
10. **Highlight the existing relationship** (the lower entry with just the build number on it).
11. Click **Remove Relationship**.
12. Click **OK** to remove the relationship.
13. Click **Add Child Relationship**.
14. On the dropdown, select **Software Product Relationship**.
15. Type **Soarian Document** in the highlighted field.
16. Click on **Soarian Document Management** in the list.
17. In the highlighted field, **hit the dropdown arrow** and select the appropriate value from the list (name like 25.02.104.1917).
18. Click the **Save Changes** button.
19. Click the **Close** button.
20. Under the **Lifecycle Activities** heading on the left, select the **Promote/Demote** link.
21. Select the **Packaging** entry from the **Move to State** field.
22. Click **OK**.
23. **Highlight the new entry**.
24. Under the **Deliverables** heading on the left, select the **Create** link.
25. Copy the name above the entry field (name like 25.02.104.1917 SP1 UPDATE 4) into the **Deliverable Name** field.

NOTE: There will be an extra space between the second 2 and the period - 25.02 .104.1917 SP1 UPDATE 4 – remove that to tidy things up -- 25.02.104.1917 SP1 UPDATE 4

1. Click either one of the checkboxes next to the entry below.
2. Click the **Save & New** button.
3. On the screen, change the **Deliverable Type** entry to Update.
4. Click either one of the checkboxes next to the entry below.
5. Click **Save**.
6. Click **Cancel**.
7. **Highlight the new entry**.
8. Under the **Deliverables** heading on the left, select the **Master** link.
9. Uncheck the checkbox next to **Update**.
10. Click **Submit**.
11. Click on the **Media Request ID** link on the right.
12. A screen should appear with the **Inspect Deliverable for Validation** button. If it does not, refresh your view by clicking on the refresh button at the top of the screen.
13. Click on the **Inspect Deliverable for Validation** button.
14. A popup view of the software should appear in an instance of Windows Explorer. The view will contain the DMSetup.exe at the root and a .txt document. There will be a number of directories, as well. Just poke through everything and make sure what you expect is there. Confirm that the correct levels of the DM .exe files are there.
15. Close the **Windows Explorer** instance, once satisfied.
16. Click the **Accept** or **Reject** button back in SCS\Web.
17. If accepted, you will enter the **Master Media Validation Acceptance** dialog. A screen will appear with your name as the signer.
18. Click the **OK** button.
19. Enter your **password**.
20. A screen will display for review purposes. Once satisfied that the information is correct, click the **Return** link on the left.
21. The screen should show the checkbox next to the **Update Deliverable Type** as checked. Click the **Submit** button.
22. There will now be a link in the **Media Request ID** field for the Update version of the software. Click on that link and repeat the above process for the Update version of the software, culminating with the display of information for review. Once satisfied, click the Return link on the left.
23. Click the **Cancel** button.
24. **Highlight the new entry**.
25. Under the **Lifecycle Activities** heading on the left, select the **Promote/Demote** link.
26. Select the **Packaging** entry from the **Move to State** field.
27. Change the **Move to State** value to **System\_Test**.
28. Click **Apply**.
29. Change the **Move to State** value to **Beta\_Test**.
30. Click **Apply**.
31. Change the **Move to State** value to **GA**.
32. Click **Apply**.

You probably already guessed. You have to repeat Phase 4 for the Standalone Router.

Onto Phase 5.

## **Phase 5 – Creating the Event**

Events are typically needed for pre-GA installs. Contact the project manager (currently Maureen Ward) to see if an event is needed, which clients are involved and the HS\_id number associated with them, who needs to be copied on the event (this is how they get access to it), and a preferred name for the event. If the clients are both ASP and ICO, separate events will have to be created for both.

1. Click on the **Distribution** option in the toolbar and select **Install from Media Server**.
2. Click on the **External Client** link in the upper left.
3. Enter the event name in the **Event Name** field.
4. Click on the **Modify Client/Environment List** link.
5. Enter the HS\_id in the **HS\_id** field.
6. Click on the client displayed in the list.
7. Click on the dropdown in the Select Environment list.
8. Click the **Add** button.
9. Repeat for additional clients until all are displayed at the bottom.
10. Click the **Done** button when all clients are listed with the environment.
11. Click on the **Modify Software List** link. (This will take about 15 seconds before it displays.)
12. Type **Soarian Document Management** in the **Filter** field.
13. Click on the **Filter** button.
14. Click the checkbox next to the desired software.
15. Click the **Move Down** button to add the software to the event.
16. Select the correct value (Net New or Update) for the type event in the **Dlvr Type** dropdown (usually Update for pre-GA deliveries).
17. Click the **Done** button.
18. Click the **Modify Names** link to give access to everyone who needs it for the event.
19. Type the last name of an individual you wish to add in the Filter on User Name field.
20. Click the **>** (add to list arrow) to put the person on the list of those with access to the event.
21. Click the **Save** button when you have finished giving access to the necessary individuals.
22. Click the **OK** button and the new event should appear on the List of Available Event(s).

Note: You can copy an existing event by selecting the event you wish to copy and then clicking on the Copy Request link in the upper left. This is especially convenient when a series of events are being created for the same clients during the pre-GA timeframe.

Good news! You are finished. You do not have to create an event for the Standalone Router.