

“ImageMatch to DP2”
“SCR SpotLight Comps Module”
Reference Manual
Rev. 08.08.06

Installation:

There are no additional installation procedures for the “SCR SpotLight” module features. The new features are installed as part of the “ImageMatch to DP2” installation, if you purchased the “SCR SpotLight” module.

Overview:

The “SCR SpotLight” module is designed to add new functionality to the “ImageMatch to DP2” application in order to integrate with the “SCR Packager Script” and “SpotLight Comps Script” running in DP2 so that SpotLight composites will be printed and packaged with the other Order Items when processed by the St. Charles Research Auto Packager.

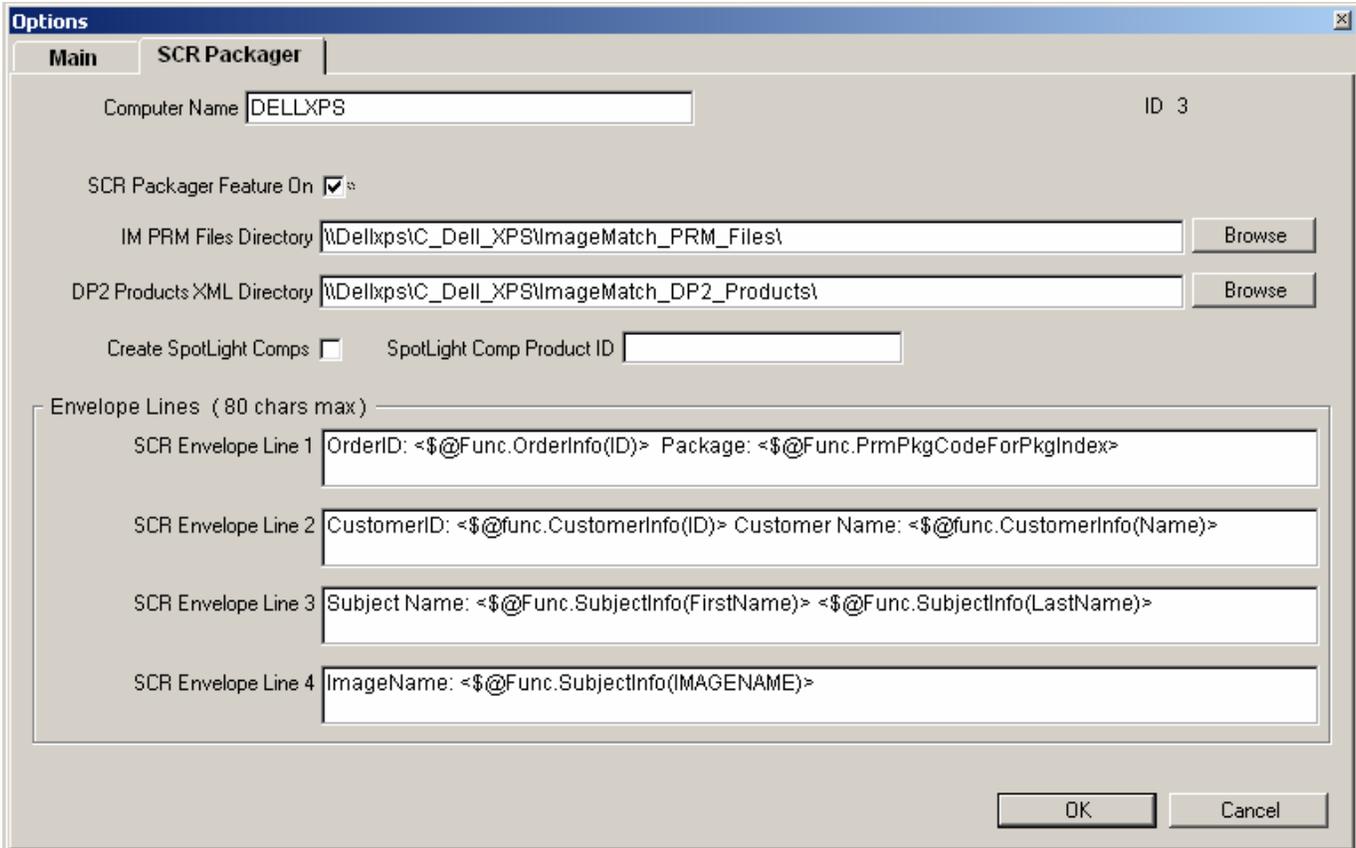
This feature is turned on by a new preference setting that will instruct “IM2DP2” to function very different than when the feature is turned off. However, by allowing the user to turn the feature on and off by simply checking a checkbox, it gives you total flexibility in case there are times that you need to turn the feature off.

New Options “SCR Packager” Tab preferences:

New preference fields will be found on the “SCR Packager” tab of the Options dialog window.

Click on the Tools menu and Options menu item and open the Options window.

Click on the “SCR Packager” tab and you will see the window shown below.



“SCR Packager Tab” of the Options dialog window with new fields

Two new fields will be seen just above the Envelope Lines section.

The “**Create SpotLight Comps**” checkbox allows you to turn the Create SpotLight Comps module features on or off. When it is checked the feature will be on and when it is unchecked the feature will be off.

The “**SpotLight Comp Product ID**” field is for storing the DP2 ProductID that will be used to create the temporary Order Item that will be a place holder for the DP2 MakeSpotLights script to use to convert to a SpotLight composite Order Item.

This is really a temporary or “dummy” Product ID that will be used to make sure the composites get inserted in the proper order for the SCR Packager. However, it must be a valid DP2 ProductID in order to have it show up in the Order Items window in thumbnail view.

NOTE: The ProductID can be any valid DP2 product but **MUST NOT** be a Composite product.

It is recommended that you create a new product and label it something like “SPTLT” so that it is easy to identify what Order Items are the temporary SpotLight product order items in the DP2 Order Items thumbnail view.

In our example below, we have checked the checkbox and entered the Product ID “SPTLT”.



New “SCR SpotLight” fields on Options window

We simply created a new 8x10 product in DP2 and gave it the ProductID of “SPTLT” so that it would be easy to identify in the Order Items window.

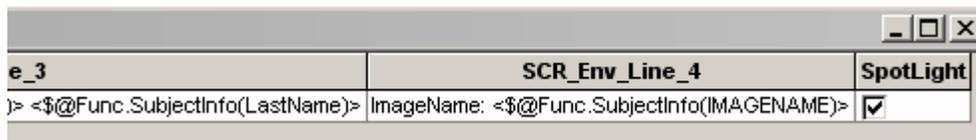
When the “Create SpotLight Comps” checkbox is checked, the IM2DP2 application will create one SpotLight temporary Order Item record for each line in the ImageMatch export file using the product specified in the “Spotlight Comp ProductID” field.

The SpotLight composite generator script in DP2 will determine the quantities based on the same rules that have applied in the past. This will be done when the user drags the “Original Class Picture” composites onto the “Create SpotLight Class Pictures” window.

The new modified “MakeSpotlihgts.txt” script will replace the “dummy product” Order Item job script with correct job information to match up with the “Original Class Picture” composite job.

In order for the SpotLight composite products to be packaged with the other individual products ordered by a subject, the appropriate custom OrderItems table fields will be populated just as they are done with individual products, and the composite product order items will be grouped with the individual products in the OrderItems table view.

The IM2DP2 application populates a new field in the DP2 Order Items table that identifies the Order Item as a SpotLight composite order item. The field is labeled “SpotLight” in the DP2 Order Items grid view and it is a checkbox field.



New DP2 Order Items “SpotLight” field in grid view

The order for the placement of the SpotLight composite products in an individual’s package will be last, after all Individual products and any Group products.

IMPORTANT: This feature will only work if the “SCR Packager Feature” is turned on in the Options dialog. Also required are the “SCR Packager” and “SpotLight Composites” DP2 scripts.

DP2 “SpotLight Composites” Script Modifications

This new functionality required modifications to the DP2 “SpotLight Composites” script and dialog.



“Create Spotlight Class Pictures” dialog in DP2 with new checkbox

The modified script adds a new checkbox field at the bottom of the “Create Spotlight Class Pictures” dialog window. This new checkbox is labeled “SCR Support”.

This checkbox allows you the option to use the new functionality or to switch back to the old way of creating SpotLight composites.

If checked when the user drags the Original Class composites onto the dialog, the script will look for Order Item records where the new “SpotLight” field is checked and replace those order items with the SpotLight composite that was dropped onto the dialog using the same rules for quantity, etc. as in the past.

If unchecked, the script will function as it has in the past for creating SpotLight composites.

IMPORTANT: If the SCR Support checkbox is checked, the Original Class composite must have the SCR Barcode added to the product.

When the Order Item records are created by the IM2DP2 application with the “Create SpotLight Comps” checkbox on the Options dialog checked, and you maintain the Order Items in DP2, you will see something like the example below.



“Temporary SpotLight Order Items” in DP2

Once the user drags the Original Class composite onto the “Create Spotlight Class Pictures” dialog, the temporary SpotLight order items get converted to the SpotLight composite that matches the one dropped onto the dialog, but with the subject’s image in the SpotLight node as shown below.



“Converted SpotLight Comp Order Items” in DP2

You will also notice that the ProductID has been changed to that of the Class Composite that was dropped onto the dialog.

DP2 SCR “PrepareProductsForCutter” Script Modifications

Due to the fact that a composite product consists of many layouts for the same ProductID, the current script that adds the SCR Barcode to layouts will not work for the SpotLight composite products.

A part of the IM2DP2 “SCR SpotLight” module, a modified version of the “PrepareProductsForCutter” script dll must be installed.

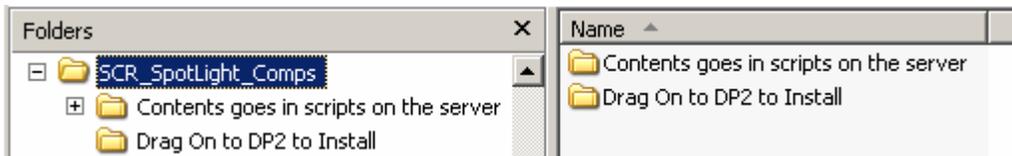
Once installed, when a Composite type product is dropped on the “Prepare Products for Cutter” dialog window, the new script will add the SCR Cutter Gutter with barcode to all layouts associated with that ProductID. If there are 56 layouts for handling 1 to 56 individuals on the composite, then the new script will add the Cutter Gutter to every one of the layouts.

Likewise, if the user checks the “Remove Gutter” radio button on the dialog and drags a composite product onto the dialog, the new script will remove the Cutter Gutter from all 56 of the layouts associated with that composite ProductID.

Installation of the modified DP2 scripts

To install the modified scripts into DP2, you will first extract the zip file “SCR_SpotLight_Comps.zip” to a temporary location on the DP2 Server machine.

Once extracted you will see the following:



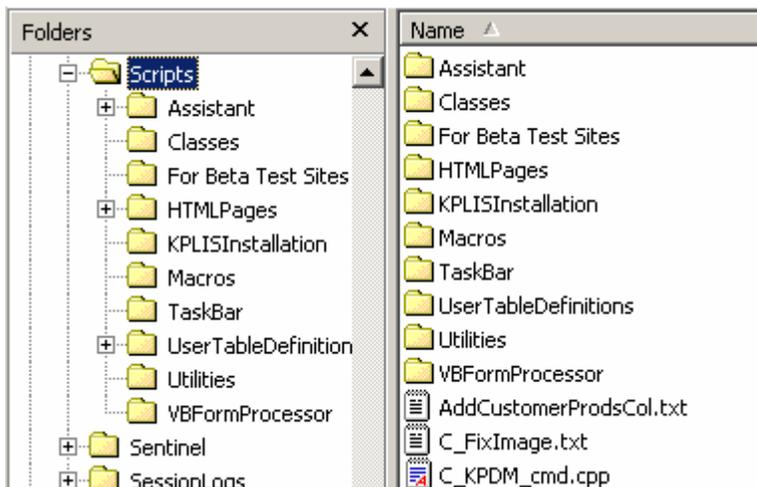
“Extracted Contents of Zip file”

You will see 2 directories inside the main directory “SCR_SpotLight_Comps”:

1. “Contents goes in Scripts on the server”
2. “Drag On to DP2 to Install”

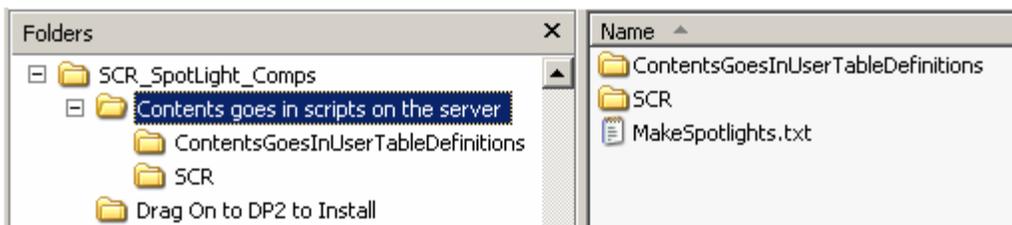
To prepare for installing the files, you will need to explore to the Scripts directory inside the DP2 application directory on your DP2 Server.

When you look at the contents of the “Scripts” directory you should see the following:



Contents of the DP2 “Scripts” directory

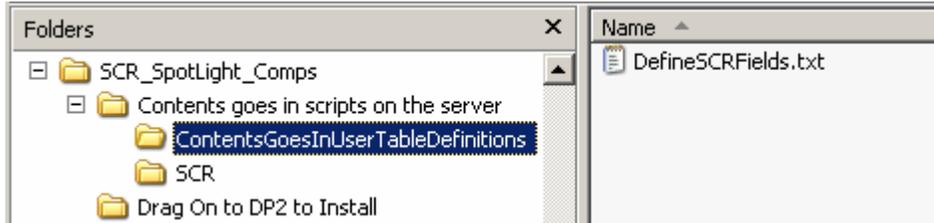
When you open the directory “Contents goes in Scripts on the server” you will see the following:



Contents of directory “Contents goes in Scripts on the server”

The file “MakeSpotlights.txt” needs to be copied into the “Scripts” directory on the DP2 Server.

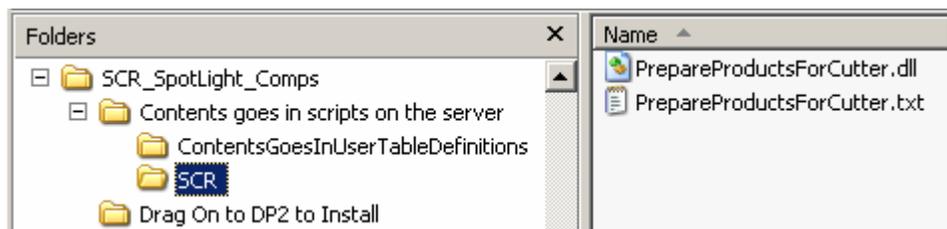
When you open the directory “ContentsGoesInUserTableDefinitions” you will see the following:



Contents of directory “ContentsGoesInUserTableDefinitions”

The file “DefineSCRFields.txt” needs to be copied into the “UserTableDefinitions” directory which is inside the “Scripts” directory on the DP2 Server.

When you open the directory “SCR” you will see the following:

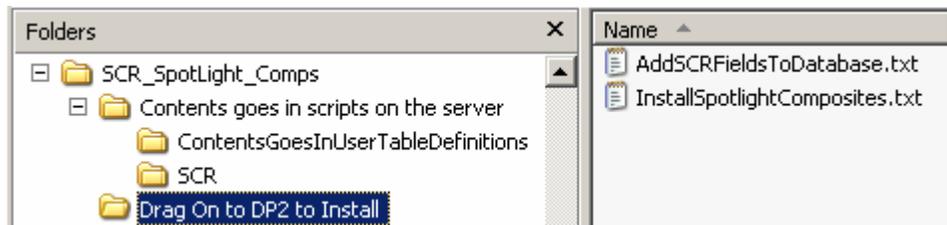


Contents of directory “SCR” directory

The files “PrepareProductsForCutter.dll” and “PrepareProductsForCutter.txt” need to be copied into the “SCR” directory which is inside the “Scripts” directory on the DP2 Server.

The next step of the installation requires having DP2 running and open on any workstation.

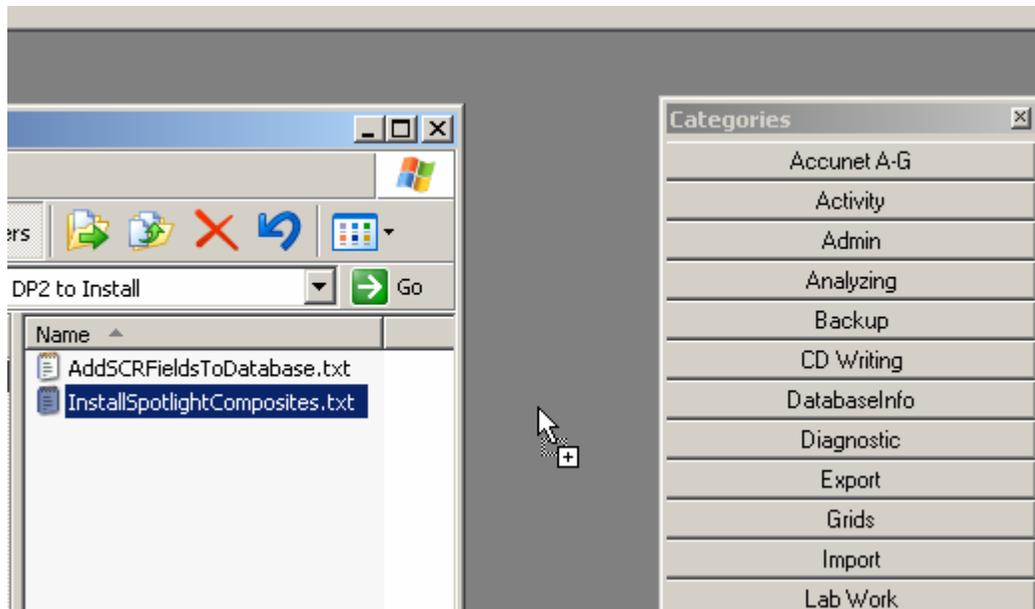
When you open the directory “Drag On to DP2 to Install” you will see the following:



Contents of directory “Drag On to DP2 to Install”

The two files “AddSCRFieldsToDatabase.txt” and “InstallSpotlightComposites.txt” need to be dragged separately onto the grey background of the DP2 application running on the workstation.

Drag the installer file to the grey background area of the DP2 application window as indicated below by the cursor arrow.



“DP2 Application window area to drop the Install files”

The last step that is required is necessary to force DP2 to add the new Order Item field to the database. Our installer script adds the code to make this happen, but DP2 does not check for new tables or fields that need to be added unless the Workstation setting that stores the DP2 version is deleted and then DP2 is restarted.

To do this, you will need to open the Workstation Settings table grid view.

Workstation Setting Data Viewed From DELLXPS_2595					
	Computer Name	Type	Item	Setting	Enabled
	DELLXPS	Counts	ItemsRun	348	<input checked="" type="checkbox"/>
	DELLXPS	DigiLabs_to_DP2	SearchDirectory	\\Dellxps\C_Dell_XPS\DigiLabs_Hot_Folder	<input checked="" type="checkbox"/>
	DELLXPS	DigiProofs_Importer	SearchDirectory		<input checked="" type="checkbox"/>
	DELLXPS	DP2_2595	Version	Version 8.0.140	<input checked="" type="checkbox"/>

“Workstation Settings Data table DP2 Version record”

Scroll down the Workstation Settings records to the record for your current workstation Computer Name, the “Type” field will start with “DP2_”, but the numbers after will vary. The “Item” field will contain the word “Version” and the “Setting” field will contain the string “Version” followed by your current DP2 version.

This is the record that needs to be deleted.

Don't Worry! DP2 will rebuild that record on restart along with adding our new database table fields.

Shut down DP2 on that workstation and restart it.

This finalizes the installation procedure.

Support Contact Information:

If you have any questions about the application or need assistance during installation or configuration, please call or email Chuck Morris at Impossible Solutions, Inc.

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