

**“ImageMatch to DP2”  
“SCR Packager Module”  
Reference Manual  
Rev. 10.25.05**

**Installation:**

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

**Overview:**

The “SCR Packager” module is designed to add new functionality to the “ImageMatch to DP2” application in order to integrate with the “SCR Packager Script” running in DP2 so that the printed output from DP2 can be 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 revert to the old behavior of IM2DP2.

When the SCR Packager Module is turned on, IM2DP2 will treat the ImageMatch export file differently in many ways. They include the naming convention for the IM Export filename, how the Order Item DP2 Product ID’s are determined, and the data records that get created in DP2. We will cover these in detail later in the reference manual.

**New Options Tab and preferences:**

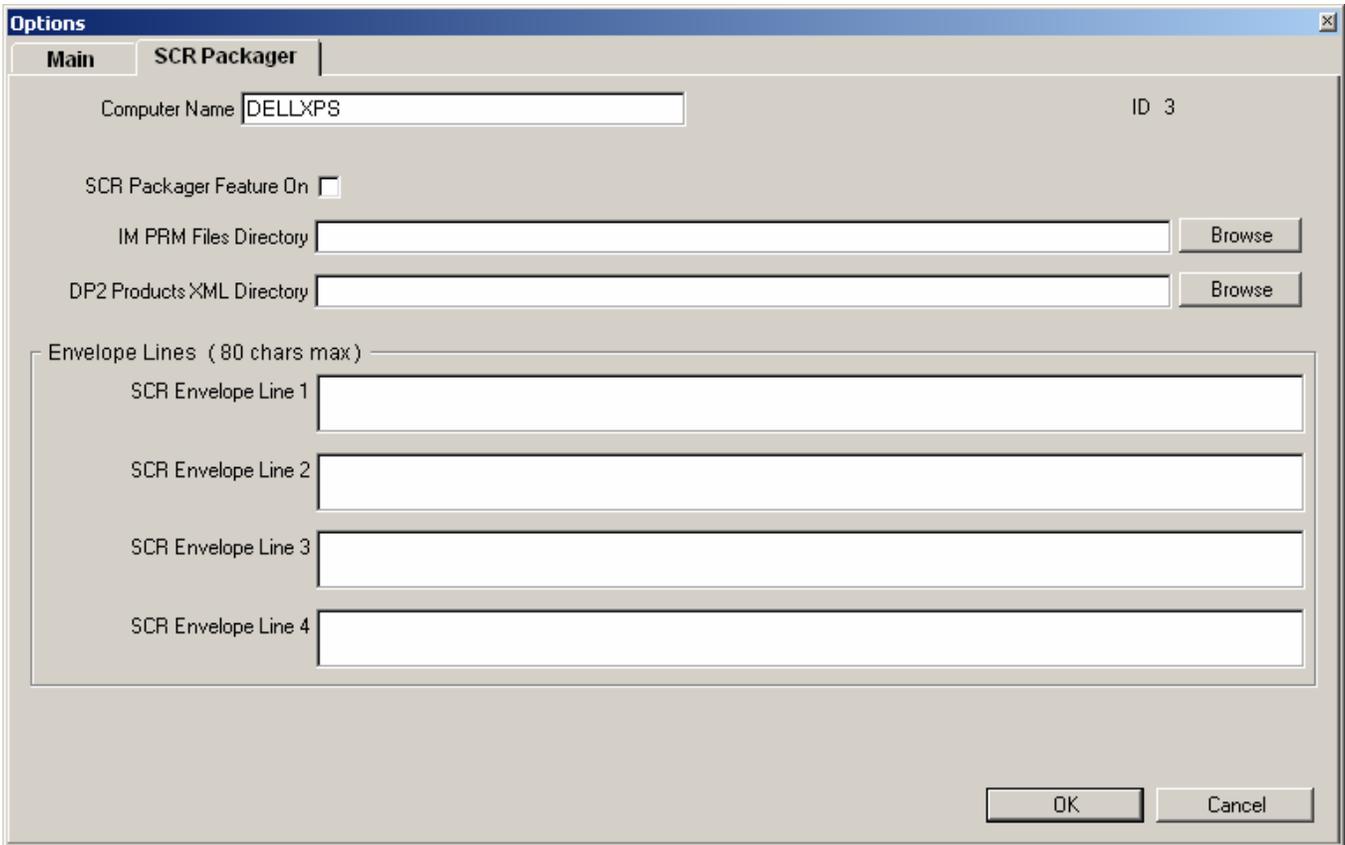
A new “SCR Packager” tab has been added to the Options dialog window that contains several new preferences fields that are specific to the SCR Packager module.

Click on the Tools menu and Options menu item and you will see that the Options window now has two tabs.

One labeled “Main” which contains all of the preferences except the SCR Packager preferences.

One labeled “SCR Packager” which contains all of the new preferences specific to the SCR Packager module.

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



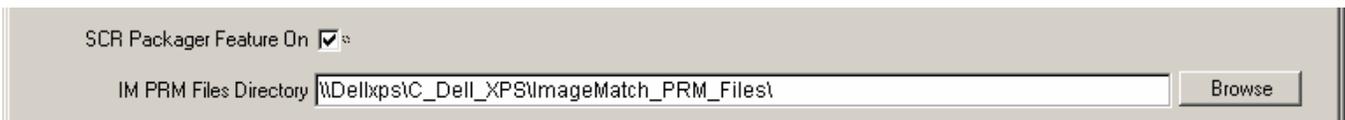
New “SCR Packager Tab” of the Options dialog window

The “**Computer Name**” field is completed automatically and is the workstation name of the computer the application is running on.

“**SCR Packager Feature On**” checkbox allows you to turn the SCR Packager module features on or off.

“**IM PRM Files Directory**” field is for storing the UNC path to the directory that contains all of the ImageMatch PRM files. All of the PRM files must be in this directory at the root level of the directory. Click the “Browse” button to explore to the directory and select it.

[Make sure that you explore via the Entire Network so that the resulting path will be a UNC path similar to the one shown below.](#)



“IM PRM Files Directory” path field on Options window

“DP2 Products XML Directory” field is for storing the UNC path to the directory that will store all of the DP2 Product XML files. You will need to make sure that this directory path is the same as the path that is stored in DP2 System Settings where Type is “SCR” and Item is “XMLDirectory”.

This new System Setting record in DP2 is created when the “SCR Packager Script” installer scripts are run and is shown below.

Type	Item	Setting	Enabled
SCR	XMLDirectory	\\Dellxps\C_Dell_XPS\ImageMatch_DP2_Products	<input checked="" type="checkbox"/>
SCRBatchCardFor	10_Inch	SCR Batch Card	<input checked="" type="checkbox"/>
SCRBatchCardFor	20_Inch	SCR Batch Card	<input checked="" type="checkbox"/>

“SCR / XMLDirectory” DP2 System Setting record

Click the “Browse” button to explore to the directory and select it.

Make sure that you explore via the Entire Network so that the resulting path will be a UNC path similar to the one shown below.

DP2 Products XML Directory

“DP2 Products XML Directory” path field on Options window

As you can see in our example, the path in the IM2DP2 Options field is the same path as entered in the DP2 System Setting Data table record. Make sure that your entries are the same in both locations, or the application will not function properly and errors will result.

Envelope Lines ( 80 chars max )

SCR Envelope Line 1

SCR Envelope Line 2

SCR Envelope Line 3

SCR Envelope Line 4

“SCR Envelope Line” fields in Options window

The rest of the fields that need to be completed are the “SCR Envelope Line” fields. These fields contain the information that you wish to have printed on the envelopes used by the SCR Auto Packager machine for inserting the photographic prints after they are cut.

As you can see from our example, there is a combination of static text and Macros used in our entries.

Actually we used a combination of static text, a DP2 macro, and an IM2DP2 macro in the Line 1 field. The complete text that was entered in the IM2DP2 options field is shown below:

OrderID: <\${@Func.OrderInfo(ID)}> Package: <\${@Func.PrmPkgCodeForPkgIndex}>

The first macro is used to tell SCR Packager Script to place the Order ID from the Orders table for the current Order Item in this location.

The second macro is an IM2DP2 macro that causes IM2DP2 to insert the Package ID from the PRM file that is associated with the current ProductID of this Order Item. It is currently the only macro that gets expanded in the IM2DP2 application. All others are expanded by the SCR Packager Script within the DP2 application interface.

### **DP2 SCR Packager Script Macros**

Orders: <\${@Func.OrderInfo(AnyFieldName)}>  
Customers: <\${@func.CustomerInfo(AnyFieldName)}>  
SubjectInfo: <\${@Func.SubjectInfo(AnyFieldName)}>  
ShootInfo: <\${@Func.ShootInfo(AnyFieldName)}>

### **IM2DP2 Macro**

PackageCode: <\${@Func.PrmPkgCodeForPkgIndex}>

The IM2DP2 PackageCode macro gets expanded at the time the DP2 Order Items records are created by the IM2DP2 application.

The DP2 macros don't get expanded until the Order Items are run.

**Important Note:** These are the only macros that will work. Standard DP2 macros will not work for this application because they get expanded at a different event point than what we are able to use for this integration project.

The entries in the four Envelope Line fields will be used on every Auto Packager envelope so it is best to use the macros provided in order to dynamically change the data based on the current Order Item record and its related data from the Orders, Customers, SubjectInfo, and ShootInfo tables.

Once you have completed entering all of the SCR Packager options, [make sure that you click the OK button to save your entries](#). Otherwise they will be lost and you will have to reenter them.

## New ImageMatch Export filename

One of the major differences in how IM2DP2 functions with the SCR Packager feature turned on is that it no longer gets the DP2 ProductID's from the Detailed Unit columns on the IM Export file.

Instead, it has to use the PRM file that you designate to be used for that IM Export file to determine what Units are in each Package. This is required in order to keep the correct units with its package when the Order Items are created in DP2 so that they will get printed on the roll of paper together and then be cut and bagged correctly.

In order for IM2DP2 to know what PRM file to use, a new naming convention must be used by your operators that are performing the ImageMatch export. The new export filename must now consist of a combination of the OrderID and the PRM Filename **if the SCR Packager feature is turned ON**.

Example: ( SCR Packager Feature ON )

If...

OrderID = 123456

PRM Filename = TestPRM.prm

Then...

IM Export Filename = "123456\_TestPRM.txt"

Example: ( SCR Packager Feature OFF )

If...

OrderID = 123456

PRM Filename = TestPRM.prm

Then...

IM Export Filename = "123456.txt"

It is very important that this information is correct or you will not get the correct results.

The separator character between the OrderID and the PRM filename **MUST** be an Underscore “\_”. It cannot be a Dash “-“ or any other character of the parser will not be able to determine the two parts of the export filename.

Also, if the SCR Feature is turned OFF, then you must only include the OrderID as the filename or the DP2 OrderID will be the entire string up to the extension.

## Testing the “SCR Packager Module”

Now that your IM2DP2 setup is complete, as long as your installation and setup is also complete for the DP2 “SCR Packager Scripts”, you are ready to begin testing your new features.

Keep in mind that you can always turn off the “SCR Packager Feature” by unchecking the “SCR Packager Feature On” checkbox in the Options window. So if your testing is not completed and you need to run some ImageMatch export orders using IM2DP2 in its normal mode of operation, you can do so without having to revert to an older version.

### Check List of items to complete Before Testing

1. The custom “SCR Packager Scripts” files must have been installed in your DP2 application on the DP2 Server machine.
2. All PRM files that will be referenced must be in the “IM PRM Files Directory” path stored in Options.
3. Any DP2 products that you wish to have printed must have been prepared using the “Prepare Products” task menu option in DP2 that is found on the “SCR” category menu bar.
4. The ImageMatch export filename must comply with the new naming convention for the SCR Packager module.

### **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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