

Matchprint

Professional Server

Technical Support Document:

How to install the
Spectrocam Data Collection Plugin

Spectrocam Data Collection Plugin

The file **Spectrocam Data Collection.exe** is a self-extracting archive containing a special version of the **Spectrocam Plugin** for the Matchprint Professional Server v2.0.x software. This plugin is specifically for collecting troubleshooting data. This version of the **Spectrocam Plugin** will work with both v1.x and v2.x Spectrocams.

Purpose of this special Spectrocam Plugin:

This plugin was created to address the issue of not being able to calibrate (perform a **white reference** check) certain Spectrocams through the Matchprint Professional Server (**MPS**) software. This plugin will **NOT** fix the calibration issue with a specific Spectrocam if it previously could not be calibrated with the **MPS** software. Instead, this plugin will generate a **text file** containing data when the Spectrocam fails to calibrate. You will then e-mail each of these text files to **IMPS_Support@imation.com**. This data will then be analyzed in order to provide a more complete fix at a later date.

Note: If the **MPS** software cannot calibrate the Spectrocam, continue to use the software provided with the Spectrocam to perform a white reference check.

Installing the Spectrocam Plugin:

Installing the Spectrocam Plugin involves three main procedures:

- Extract the new files from the zipped archive,
- Rename the current files and folder,
- Copy the new files and folder into the correct location.

The detailed steps below cover these three main

1. Make sure to Quit the **MPS** software. Quit the **Spectrocam** software if you have installed it.
2. On the MPS **D:** drive, create a new folder and name it **Data Collection**.
3. Copy (from diskette or email) the **Spectrocam Data Collection.exe** to this new folder.
4. Double-click on the **Spectrocam Data Collection.exe** to launch it. The WinZip Self-Extractor window is displayed:

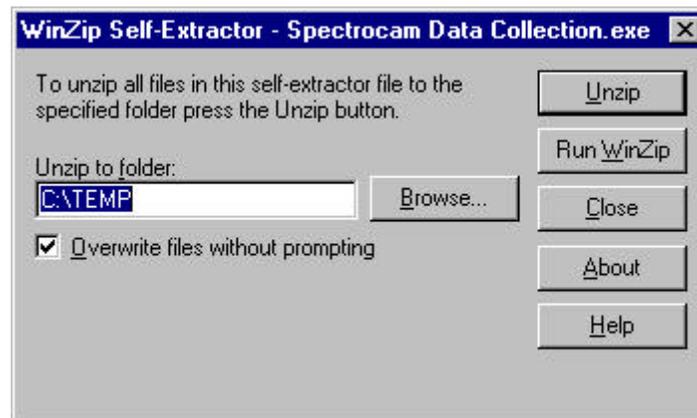


Figure 1

The **Unzip to folder:** default is **C:\TEMP**. Click on the **Unzip** button to extract the files to the **Temp** folder. When finished, Click **OK** and then **Close** the WinZip Self-Extractor window.

5. Navigate to and open the **C:\TEMP** folder. You should see the following three items:

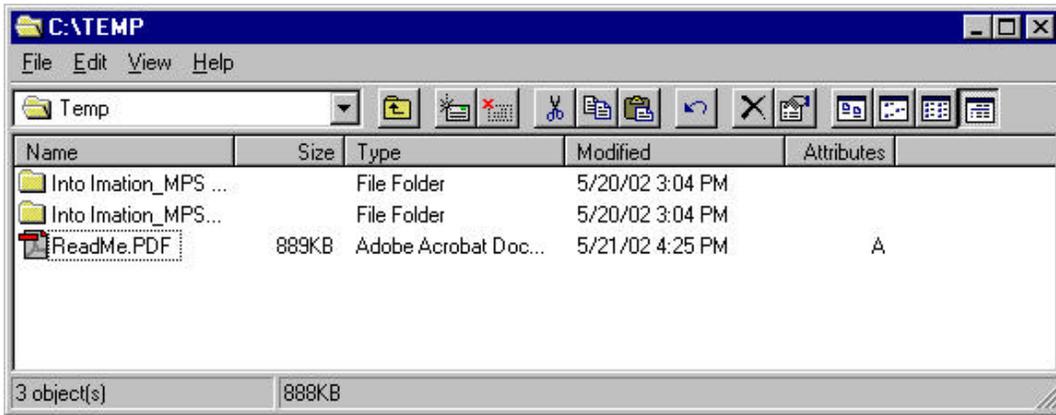


Figure 2

Contents of *Into Imation_MPS Folder*:

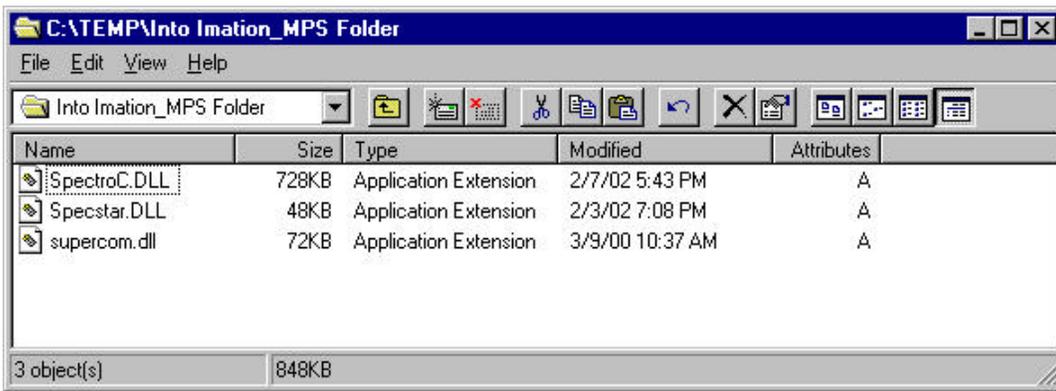


Figure 3

Contents of *Into Imation_MPS_Plugins Folder*:

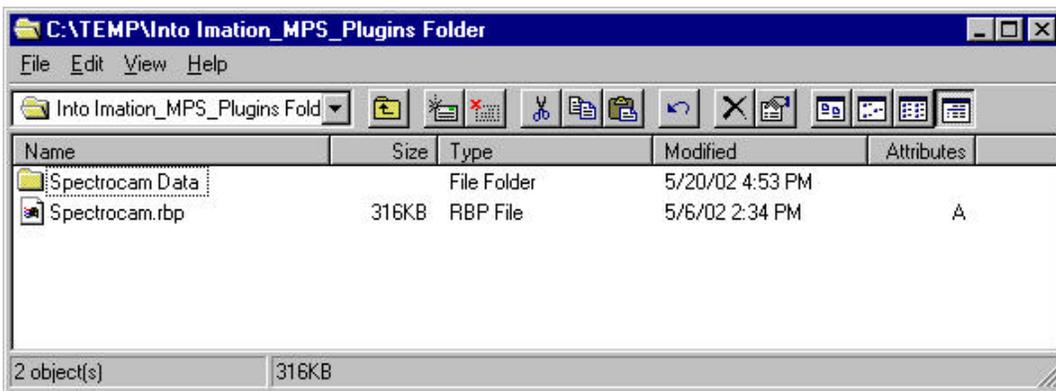


Figure 4

- Navigate to the **C:\Program Files\Imation\Imation Matchprint Professional Server** folder. Locate the three files below and rename them as follows:

Current Name	New Name
Specstar.DLL	Specstar_OLD.DLL
SpectroC.DLL	SpectroC_OLD.DLL
supercom.dll	Supercom_OLD.dll

NOTE: if you have the Spectrocam version 1.x software, you may only find the **Specstar.DLL** file to rename.

- Navigate to and **Open** the **C:\TEMP\Into Imation_MPS** folder (see above). Select all three files (Ctrl+A), and **copy** the three files into the **C:\Program Files\Imation\Imation Matchprint Professional Server** folder. When you are done, the **Imation Matchprint Professional Server** folder should look like:

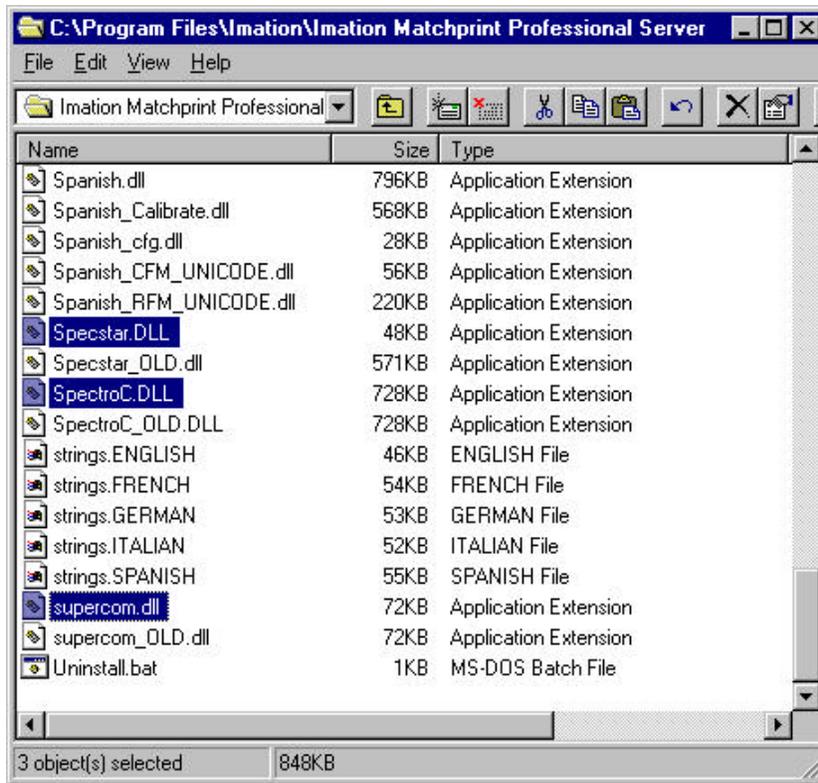


Figure 5

- Navigate to the **C:\Program Files\Imation\Imation Matchprint Professional Server\Imation_MPS_Plugins** folder. Locate the folder and file below and rename them as follows:

Current Name	New Name
Spectrocam Data	SpectrocamOLD Data
Spectrocam.rbp	SpectrocamOLD.rbp

- Navigate to and **Open** the **C:\TEMP\ Into Imation_MPS_Plugins** folder (see figure 4). Select both items (Ctrl+A), and **copy** them into the **C:\Program Files\Imation\Imation Matchprint Professional Server\Plugins** folder. When you are done, the **Plugins** folder should look like:

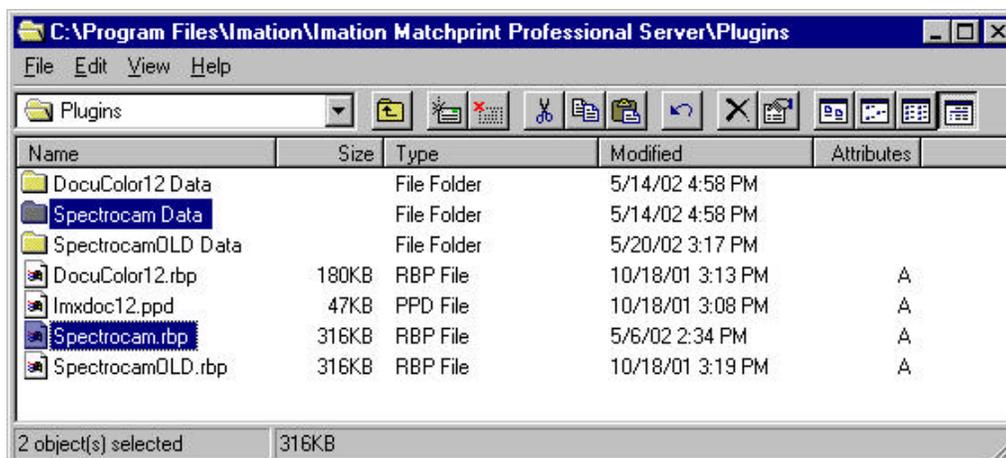


Figure 6

Using the Spectrocam Plugin:

The Spectrocam plugin is used by the **MPS Calibration** routine. The special feature of this plugin is that it will write a text file containing data, but only if the **Spectrocam White Reference** fails. Launch the **MPS** software – listen to the Spectrocam to make sure it “crackles” as the MPS controller is launched. This indicates the MPS software sees the Spectrocam Plugin. Select the **Printer** menu, select the **printer name**, and select **Calibration >> Perform Printer Calibration**.

If the Spectrocam has been Calibrated (**White referenced**) in the past 24 hours it will not *automatically* require it again. Calibrate as you normally would.

If the Spectrocam has **not** been Calibrated (**White referenced**) in the past 24 hours, the **MPS software** will automatically perform a White Reference before allowing you to proceed. If the White Reference fails using the MPS software, the new Spectrocam plugin will write a text file into the main directory level of the Imation Matchprint Professional Server software (**C:\Program Files\Imation\Imation Matchprint Professional Server**). This text file is called:

"SpecDumpDDMMYY_HHMMSS.txt"

where **DD** is the day, **MMM** is the month (e.g. Jan, Feb), **YY** is the year, **HH** is the hour (military time), **MM** the minute, and **SS** the second, and is time-stamped for when the file was written.

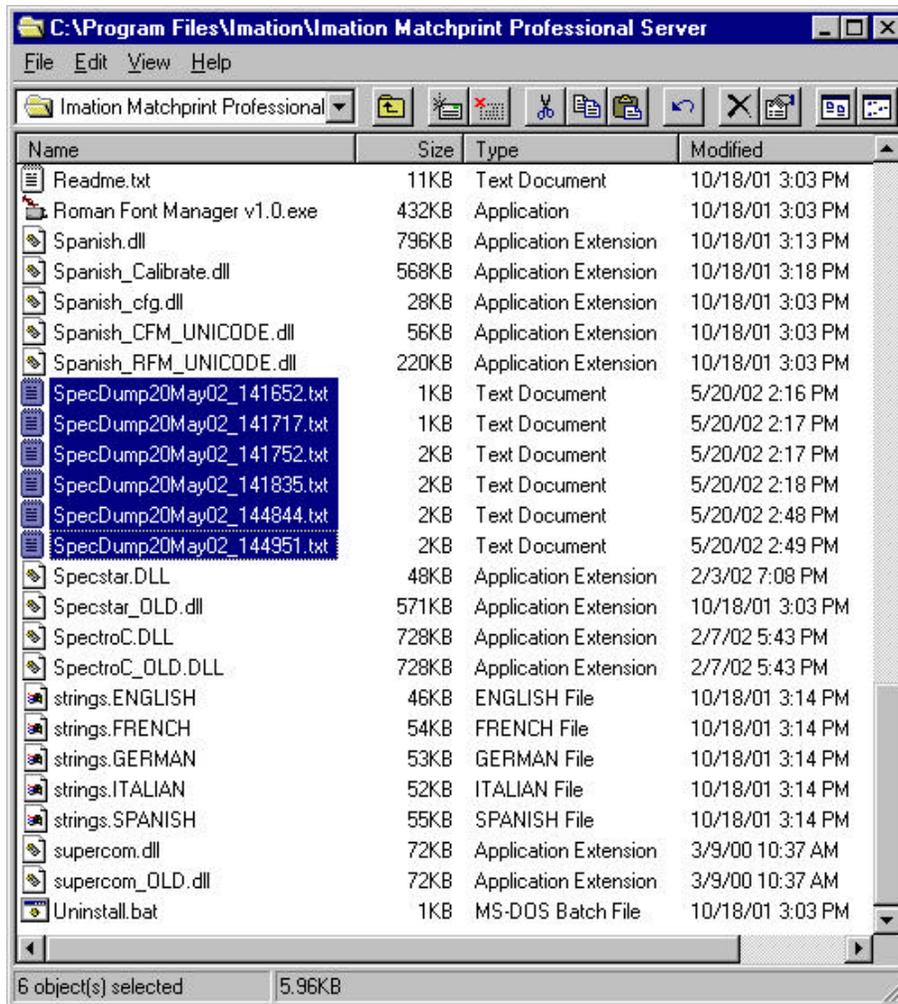


Figure 7

Each time the **MPS** software fails to **White Reference** the Spectrocam, a text file is generated. Move these files to the **Data Collection** folder on the **D:** drive.

It is this file that should be sent to MPS support for analysis.

Where to send the Text file:

Each time the **MPS** software fails to **White Reference** the Spectrocam, send an e-mail with the text file attached to:

IMPS_Support@imation.com

Include the Spectrocam serial number (from bottom of Spectrocam or White Reference plate) and the name of a contact if we have any more information.