Kodak

Converting Brisque to Prinergy Evo

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Revision History

Revision	Date	Author	Comments
1.0	14 Dec 2007	RDesprez	New document. Assign part number. Apply latest template.

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Using the Brisque to Prinergy Evo Spot Color and Dot Gain Curve Migration Utilities

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1. CONVERTING IRIS SPOT COLORS

Use the following procedure to convert spot colors for the Iris inkjet proofer to a CGATS format, which can be imported into Kodak Prinergy Evo software. CGATS stands for the Committee for Graphic Arts Technologies Standards and is an ASCII file format suitable for representing color data. Before you begin, ensure you have installed Prinergy Evo 3.2.4.0 or later on your server computer.

1.1 To download and install the Iris spot color conversion utility:

1. Navigate to the *Migration from Brisque* page on TechPlanet: http://techplanet.creo.com/software_solutions/workflow_software/prinergy_evo/content/docs/Migration_From_Brisque.htm
2. Under Tools, click **Utility for converting Iris spot colors to a CGATS format**.
3. In the File Download dialog box, click **Save** to save the compressed file.
4. On your Prinergy Evo server, unzip the compressed file to **<your Prinergy Evo server >\PgyEvoHome$\ support\bin.**

Note: The Prinergy Evo Installer also adds this utility to this folder.

1.2 To convert the Iris spot colors to a CGATS file format:

1. On the Prinergy Evo server computer, use Microsoft Windows Explorer to create a new folder called **Iris\Spot_Color** on your hard drive (for example, **D:\Iris\Spot_Color**).
2. Add the Iris spot colors from Kodak Brisque software to the **Iris\Spot_Color** folder. When copying files from Brisque, ensure you copy the spot colors from the **\scitex\version\db\SpotObj_t\iccSpotObj_t** folder. If you're converting spot colors from Brisque 5 software with a colorspaces file, copy the file from **\scitex\version\db** on the Brisque server to its own folder (for example, **D:\Iris\Color_Space\.colorspaces)** on the Prinergy Evo server computer.
3. Select **Start > Programs > Accessories > Command Prompt**.
4. In the command prompt, type `cd <your hard drive>\Program Files\ <Creo or Kodak>\<Prinergy Evo version number>\support\bin.`
5. Perform one of the following actions:
   - Type `ConvertBrisqueIrisSpotColors.exe –i D:\Iris\Spot_Color -o <path of Output folder, such as D:\Output>` and press ENTER. This command specifies the location of the Iris spot colors and the path of the **Output** folder, where the Iris spot colors will be converted to a CGATS format.
   - If you're converting spot colors from Brisque 5 software with a colorspaces file, type `ConvertBrisqueIrisSpotColors.exe –i D:\Iris\Spot_Color -c <path of colorspaces file> -o D:\Output` and press ENTER. For example, if you have a color spaces file called .**colorspaces** that is added to the **Color_Space** folder within the **Iris** folder, you would see: **<hard drive:\Program Files\Creo\Prinergy Evo <version**

number>\support\bin > ConvertBrisqueIrisSpotColors.exe –i D:\Iris\Spot_Color-c D:\Iris\Color_Space\.colorspaces -o D:\Output

6. In the **Output** folder, confirm that one or more CGATS files appear with a **.txt** suffix.

1.3 To import the GCATS files into Prinergy Evo:

1. Start the Prinergy Evo client.
2. From the **Configure** menu in the Process Viewer, select **Color Definitions**.
3. In the Color Database Editor dialog box, click **Import**.
4. In the Import Color Library dialog box, navigate to the **Output** folder you created in the previous procedure.
5. In the **Files of Type** list, select **CGATS.5**.
6. Click the color database library that you wish to import. When you click a CGATS.5 file, Prinergy Evo software displays additional details about the file in the **File Info** area of the dialog box.
7. To change the name of the color library, type a new and unique name in the **Import As** box. The name you type in the **Import As** box will display in the **Color Libraries** list in the Color Database Editor dialog box.
8. Click **Import**.

2. CONVERTING BRISQUE DOT GAIN FILES

Use the following procedure to convert Kodak Brisque dot gain files to curves for Kodak Harmony tonal calibration software. Before you begin, ensure you have installed Prinergy Evo 3.2.4.0 or later on your server computer.

2.1 To download and install the Brisque dot gain conversion utility:

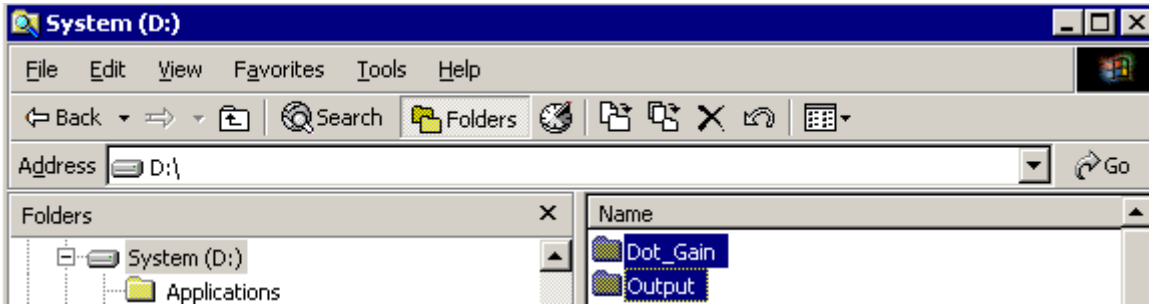
1. Navigate to the *Migration from Brisque* page on TechPlanet: http://techplanet.creo.com/software_solutions/workflow_software/prinergy_evo/content/docs/Migration_From_Brisque.htm
2. Under Tools, click **Utility for converting Brisque tone rep curves to Harmony curves**.
3. In the File Download dialog box, click **Save** to save the compressed file. On your Prinergy Evo server, unzip the compressed file to **<your Prinergy Evo server >\PgyEvoHome$\support\bin**.

Note: The Prinergy Evo Installer also adds this utility to this folder.

2.2 To convert the Brisque Dot Gain Files:

1. On the Prinergy Evo server computer, use Windows Explorer to create a new folder called **Dot_Gain** on your hard drive (for example, **D:\Dot_Gain**).

2. Add the Brisque dot gain files and folders from Brisque software to the **Dot_Gain** folder. Ensure that the **Dot_Gain** folder contains the **tone_rep** and **ex_curve** (if it exists) folders from Brisque.



3. Select **Start > Programs > Accessories > Command Prompt.**

4. In the command prompt, type `cd <your hard drive>\Program Files\<Creo or Kodak>\<Prinergy Evo version number>\support\bin`.

5. Type `ConvertBrisqueDotGainCurves.exe –i <path of Dot_Gain folder> -o <path of Output folder and name of output file >` and press ENTER. For example, if you created the dot gain folder called **D:\Dot_Gain** and you wanted to create a final output file called **Harmony.hmy**, you would type:
`ConvertBrisqueDotGainCurves.exe –i D:\Dot_Gain –o D:\Output\Harmony.hmy`
This command specifies the location of the dot gain files and the path of the Harmony file, where the dot gain files will be converted to a Harmony software format.

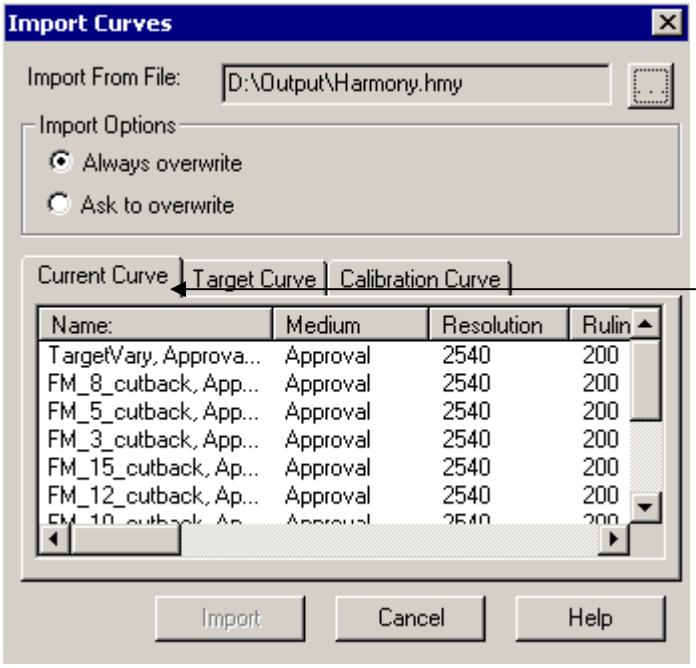
6. In the **Output** folder, confirm that a new converted file appears.

3. ADJUSTING CURVES IN HARMONY

3.1 Importing Your Curves

1. In Harmony, import the converted file(s), by selecting **File > Import Curves**.

2. In the Import Curves dialog box, click … and locate the converted file(s) that were created in the Output folder that you specified in step 5 of the previous procedure. Click **Open**.



Harmony imports the curves and displays the details on the **Current Curve**, **Target Curve**, and **Calibration Curve** tabs.

3. Click the **Current Curve** tab and select all the curves in the list, click the **Target Curve** tab and select all the curves in the list, then click the **Calibration Curve** tab and select all the curves in that list. When complete, all curves on the three tabs should be selected. Click **Import**.

Harmony imports all the curves and displays the results in the main window.

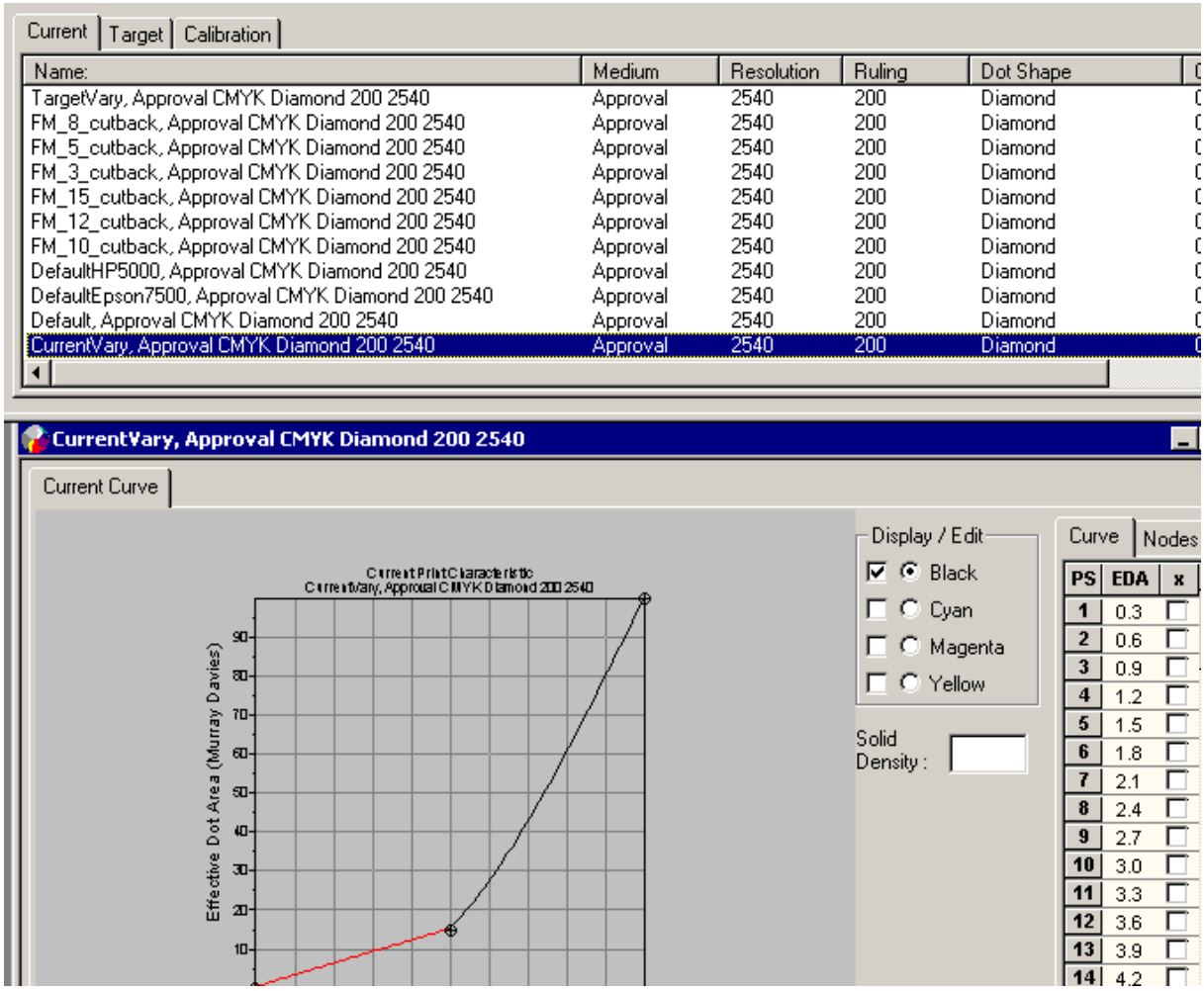
3.2 Making a Calibration Curve

Note: Only complete the following steps for customers running Prinergy Evo 3.2 and earlier.

This step is **not necessary** for customers running Prinergy Evo 4.0 and later. Prinergy Evo 4.0 includes the ability to use two curves for calibration—**Linearization Curve** and **Calibration Curve**—so that you can separate media linearization from press calibration. This feature also allows you to apply only one calibration curve, to support calibration methods used in earlier versions of Prinergy Evo.

1. Click the **Calibration** tab in the main window and write down the **ID** number of the curve (for example, 0097). You will need this number shortly.
2. Click the **Current** tab in the main window.
3. Locate the curve you just imported and double-click it.

The **Current Curve** window appears.



4. Using your pointer, right-click the graph in the **Current Curve** window and select **Curve Properties**.
5. In the **Current Curve Properties** dialog box, click the **Calibration** tab.
6. Select the **Calibrated Current Curve** check box.
7. In the **ID** box, type the ID that you recorded in step 1. Harmony displays the corresponding name of the calibration curve for the ID you typed.
8. Click **OK**.
9. Right-click on the graph and select **Save Curve**.
10. For all additional calibration curves, complete steps 3–9 again.

To modify calibration curves, complete steps 1–9.

3.3 Creating a Derived Calibration Curve

Note: Complete this step for **all** users.

1. From the **File** menu, select **New Curve > Calibration > Derived**.

2. In the New Calibration Curve dialog box in the **Current Curve** area, click the browse button .
3. In the Use Current Curve dialog box, in the **Name** list, select the current curve in the list box you want to use, then click **OK**.
4. In the **Target Curve** area, click the **browse** button .
5. In the Use Target Curve dialog box, in the list, select the target curve that you want to use, and click **OK**.
6. Right-click on the curve, select **Curve Properties**, and in the name box type a name that applies to your environment, for example, `PressA_S20_80lb_Ctd`. Prinergy Evo uses this file.
7. Save the curve.