



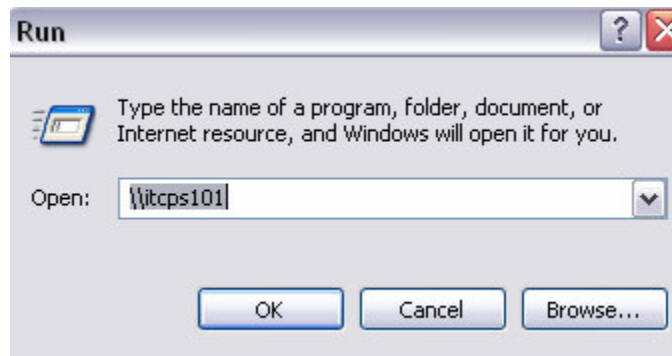
Ohio Department of Transportation

Creating Tiff Images using Iplot Organizer for MicroStation V8
April 3, 2007

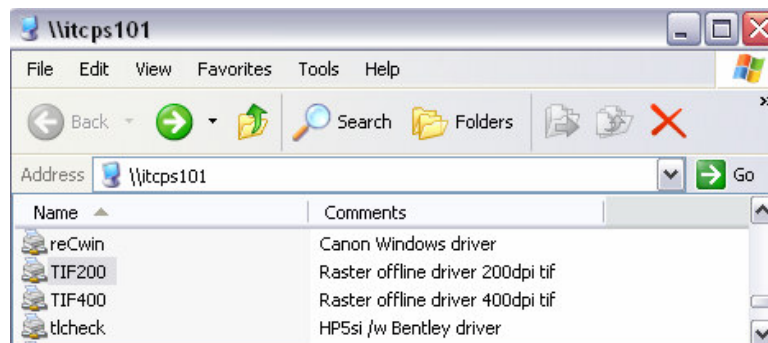
Creating Tiff Images using Iplot Organizer for MicroStation V8

The following procedure is provided to assist designers in creating Tiff images using IPLOT Organizer for MicroStation V8.

1. Iplot Organizer requires the use of print queues to process a tiff image. The print queue is another name for the system printer that will create the tiff file. District IT staff will be required to establish the tiff print queues prior to advancing this process.
 - a. Suggestion: In an effort to provide standardization for plotting processes, it is recommended that the Districts adopt the following **Print Queue** naming convention:
 - i. \\(Server Name)\TIF200
 1. 200 DPI Output
 - ii. \\(Server Name)\TIF400
 1. 400 DPI Output
2. Add the Tiff Print Queue(s)
 - a. District Users: If you do not have a **Print Queue** established, please contact your IT staff for assistance.
 - b. Central Office Users:
 - i. Select **Start > Run**
 - ii. Enter the server location in the **"Open"** field as shown in the following dialog box: **\\itcps101**

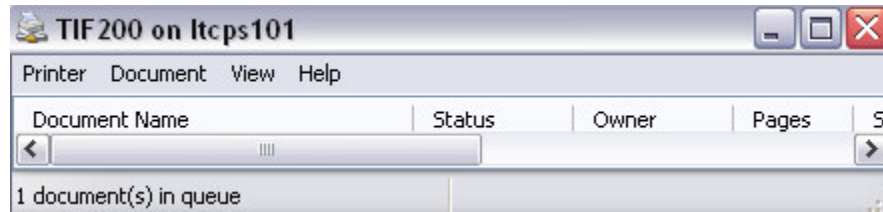


- iii. Click **OK** to accept
- iv. The following window will appear



- v. Scroll down the list and locate the **TIF200** and **TIF400** printers.
- vi. Double Click on the **TIF200** icon to add the printer.
 1. The following dialog box will appear:

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vii. Close the printer dialog box and repeat the same process for the **TIF400** printer.

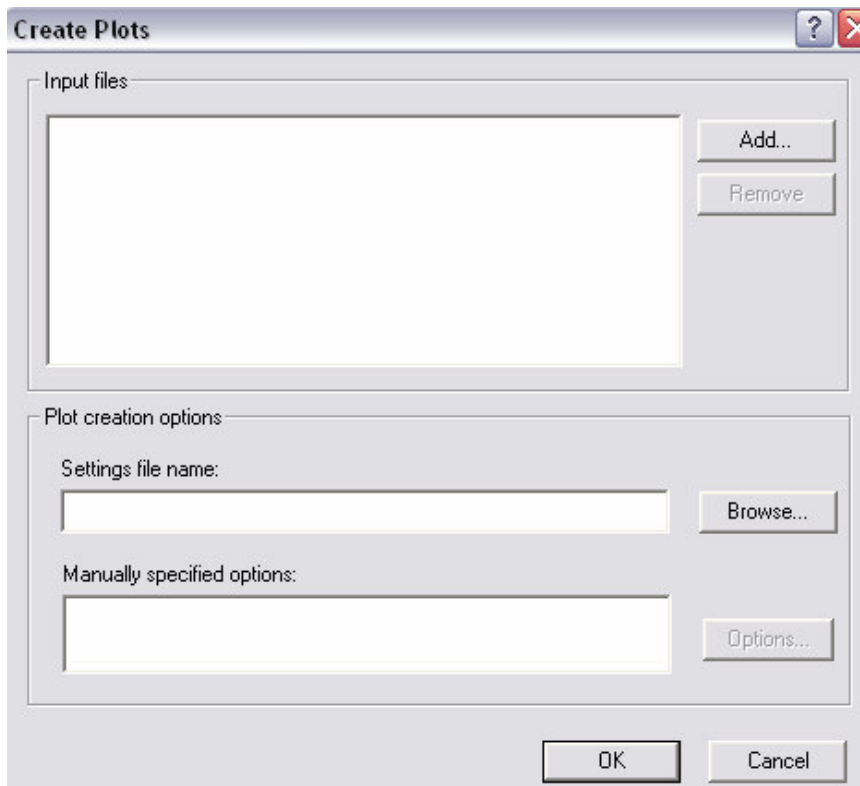
3. Select **Start > All Programs > InterPlot Utilities > InterPlot Organizer**

4. Iplot opens and the following dialog box appears:



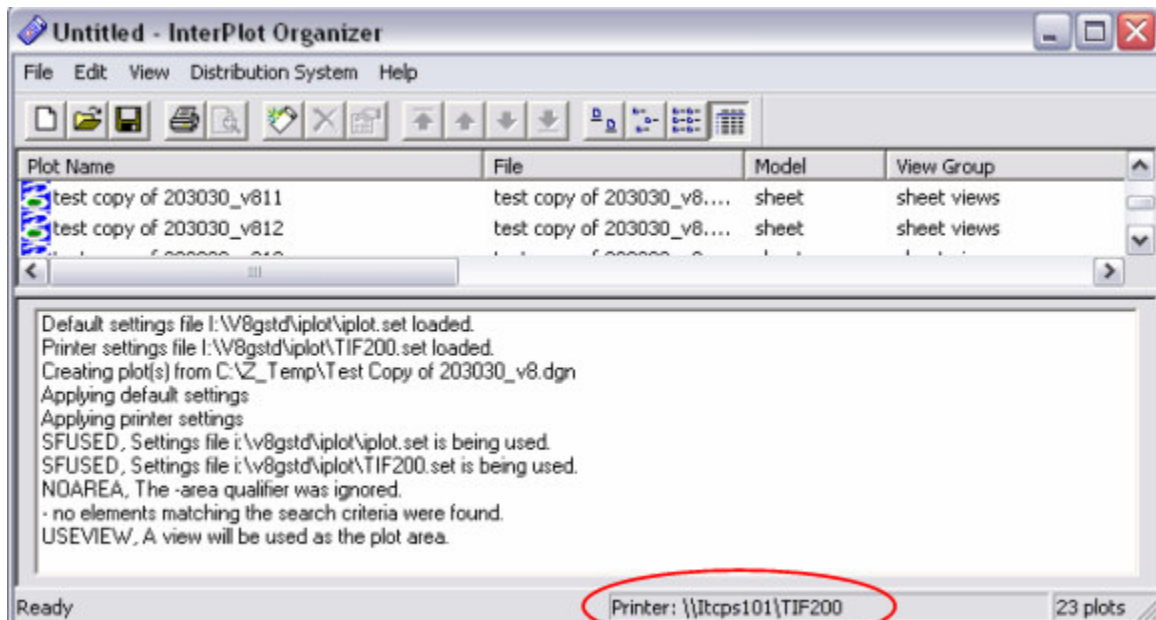
5. If this is a new plot set, accept the default setting and select **OK**.

6. The following dialog box will appear:

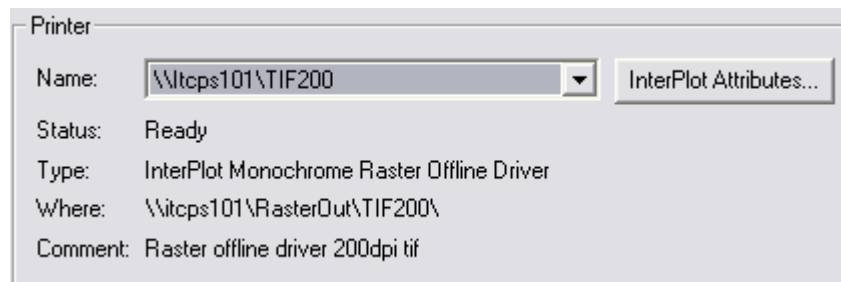


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7. **Input Files:** Select **Add** to include the required dgn files you want to print as Tiff images.
8. Once the dgn files are selected click **Open**.
9. **Plot Creation Options:** Select **Browse** to locate the **Settings File Name**
10. Choose the **Settings File** that corresponds to your plot and click **Open**
 - a. TIF200.set (Used for 200 DPI plots)
 - b. TIF400.set (Used for 400 DPI plots)
11. Once the **Settings File** is selected, click **OK** to close the dialog box.
12. Verify a **TIF200 or TIF400 Printer** is selected by reviewing the bottom right corner of the IPLOT dialog box as shown below:

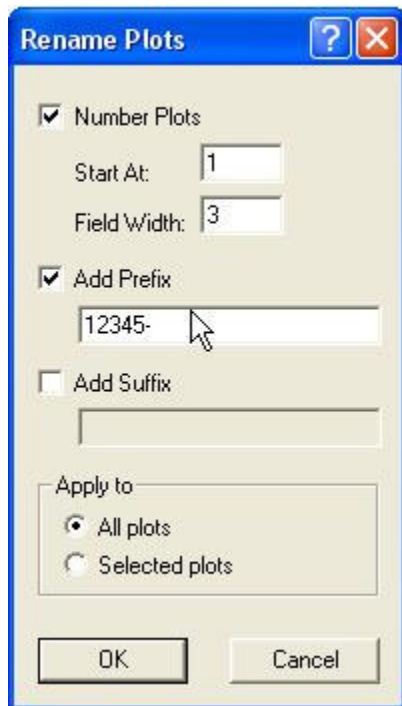


- a. If a **TIF200 or TIF400** printer is not listed as shown in the above referenced view, then select **File > Print Set Up >** to locate the required printer.



13. Rename the DGN files to follow the recommended naming convention for Tiff images by selecting **Edit > Rename**. The following dialog box will appear:

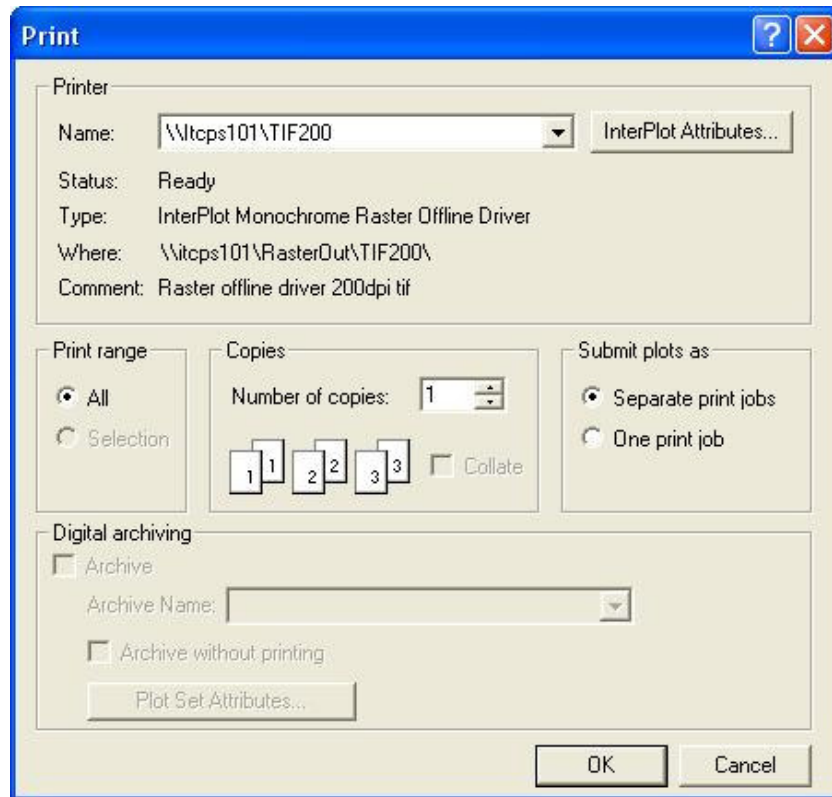
Creating Tiff Images using Iplot Organizer for MicroStation V8



- a. Set the value for **Start At = 1**
 - b. Set the value for **Field Width = 3**
 - i. Field Width = 3 for plan sets up to 100 sheets
 - ii. Field Width = 4 for plan sets exceeding 100 sheets
 - c. Set the value for **Add Prefix = PID –**
 - i. Be sure to add a “hyphen” to the end of the PID value.
 - ii. This is required to separate the PID value from the sheet value.
 - d. Select **OK** to accept the settings and close the dialog box
14. The images are now ready for printing. **Please read the following notes before finalizing the print process.**
- a. Notes:
 - i. The Tiff images are processed to a temporary directory on the server.
 - ii. The temporary folder names and locations may vary from District to District.
 - iii. Each subfolder (i.e. TIF200, TIF400, etc) is a **temporary** directory. Once you complete the final plots, **move** the Tiff images to a permanent folder in your project directory.
 - b. District Users:
 - i. If you have any questions regarding your District’s directory structure, please contact your District IT representative.
 - c. Central Office Users:
 - i. **Step 16** provides details on the temporary folder and file location for obtaining the tiff images **after** the files are plotted.

Creating Tiff Images using Iplot Organizer for MicroStation V8

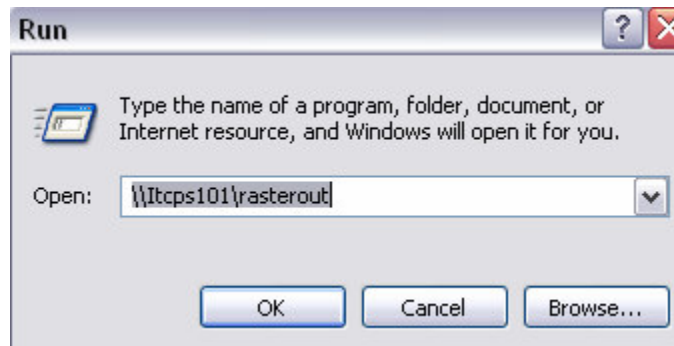
15. Print the images by selecting **File > Print**



- a. Toggle **"Separate Print Jobs"** to generate individual image files.
 - i. Do not select **"One Print Job"**
 1. This toggle will generate a very large single project file.
- b. Select **OK** to generate the image(s).

16. Central Office Users: Temporary Folder Location

- a. Select **Start > Run**
- b. Enter the server location in the **"Open"** field as shown in the following dialog box:
 - i. <\\itcps101\rasterout>



- c. Click **OK**
- d. The **TIF200** and **TIF400** directory will be visible as shown below:

