

M-7679 R-PAC QUICK REFERENCE GUIDE

PROTECTION, AUTOMATION AND CONTROL SYSTEM FOR RECLOSER, SWITCH, SECTIONALIZER AND ADVANCED DISTRIBUTION AUTOMATION APPLICATIONS.

SD Card Download Converter



Required Tools:

- PC running Windows 10® or higher
- S-7600 IPScom Communications Software

Download the latest **IPScom software** at:

<https://beckwithelectric.com/products/s-7600/>

Required Documentation:

- M-7679 Instruction Book
- M-7679 Application Guide
- Communications and Cybersecurity A.G.

Download the latest **M-7679 Instruction Book** at:

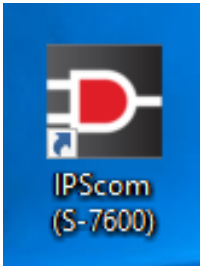
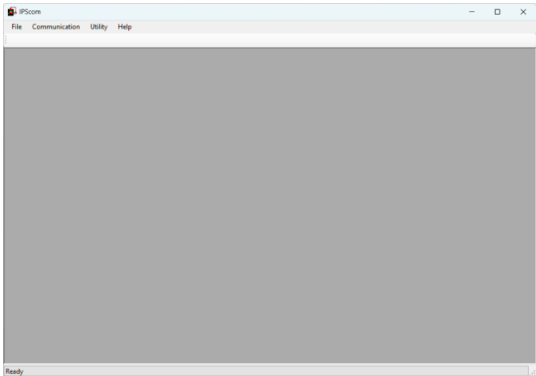
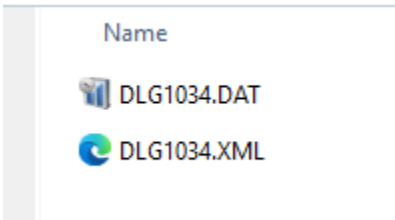
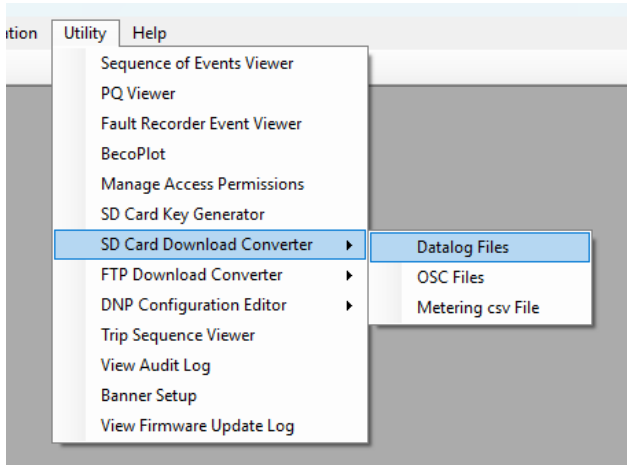
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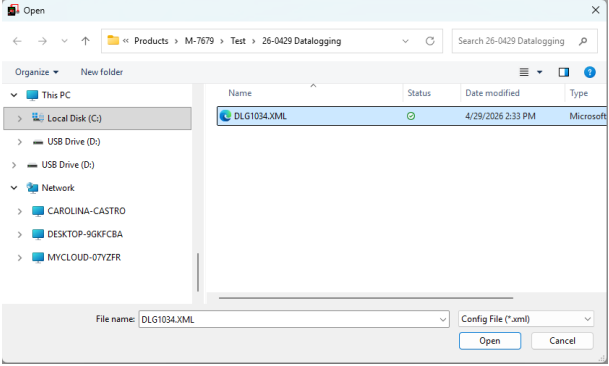
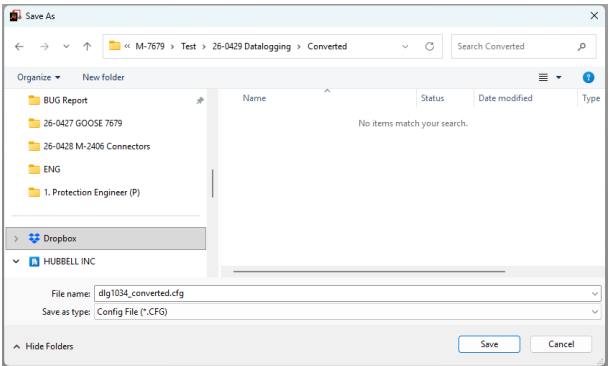
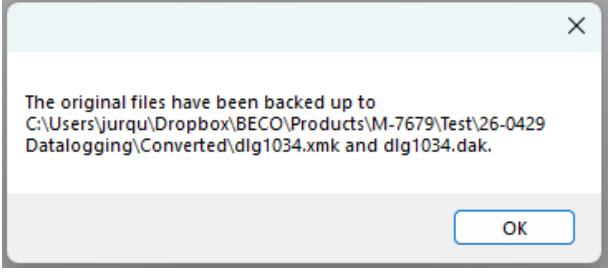
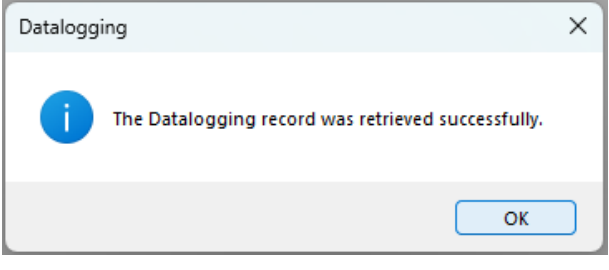


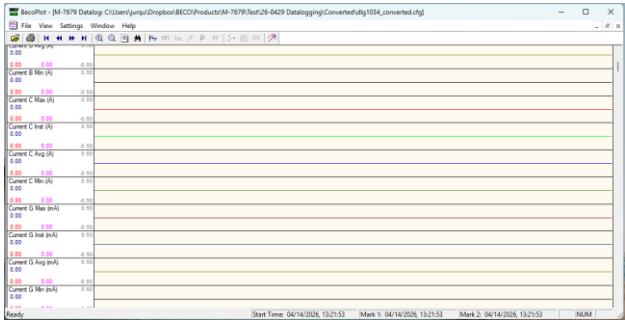
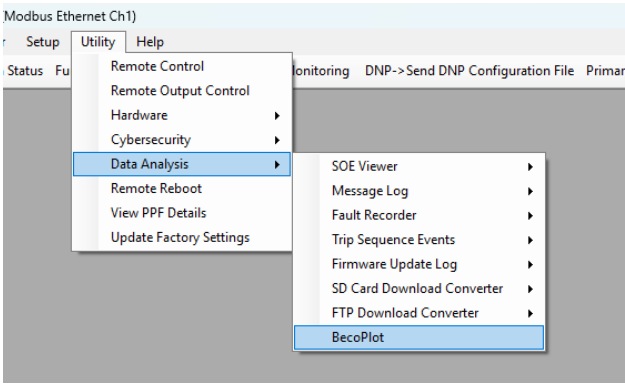
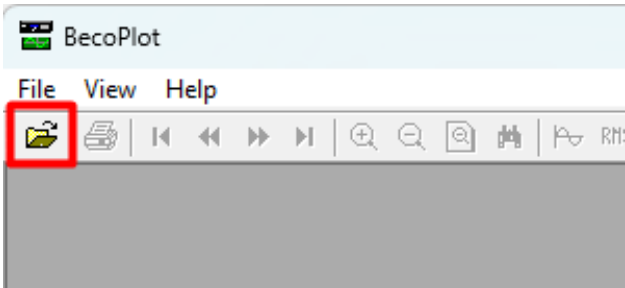
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Converting Datalog files to .CFG

When datalog data is retrieved from the M-7679 using an SD card, the unit creates two files on the SD card: a **.DAT** file and an **.XML** file. These files must be converted before they can be opened and analyzed with **BecoPlot** in **IPScm**. This section provides step-by-step instructions for converting Datalog files.

1	Start IPScm Software by double-clicking the corresponding shortcut.	
2	IPScm will display the IPScm Main dialog screen.	
3	To convert a datalogging file, IPScm requires both the .DAT file and the .XML file saved on the SD Card. Make sure that both files are located in the same folder and share the same filename. If either file is missing or the filenames do not match, IPScm will display an error when attempting to open the datalogging file.	
4	Go to Utility / SD Card Download Converter / Datalog Files	

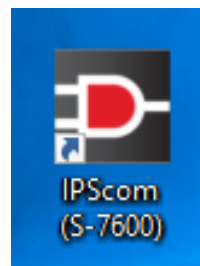
5	IPScorm will display the Open dialog screen. Choose the desired *.xml file and select Open .	
6	After clicking open, IPScorm will display the Save As dialog screen. Choose the destination folder and type the name of the new cfg file. Then, select Save .	
7	Once the user saves the file, IPScorm will create backup files (*.xmk and *.dak).	
8	After clicking OK , IPScorm displays a confirmation screen indicating that the operation was successful.	

9	Once the conversion is complete, IPScom automatically launches BecoPlot and loads the newly converted .CFG file.	
10	The user can manually open BecoPlot when connected to a unit. To do so, navigate to Utility / Data Analysis / BecoPlot.	
11	To open a .CFG file in BecoPlot, click the Open icon located on the toolbar.	
End of Procedure.		

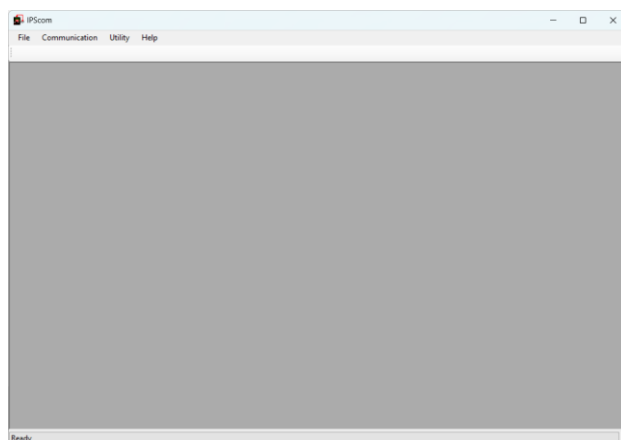
Converting Oscillograph files to .CFG

When oscillograph data is retrieved from the M-7679 using an SD card, the unit creates an **.OSC** file on the SD card. This file must be converted before it can be opened and analyzed with **BecoPlot** in **IPScorn**. This section provides step-by-step instructions for converting the Oscillograph file.

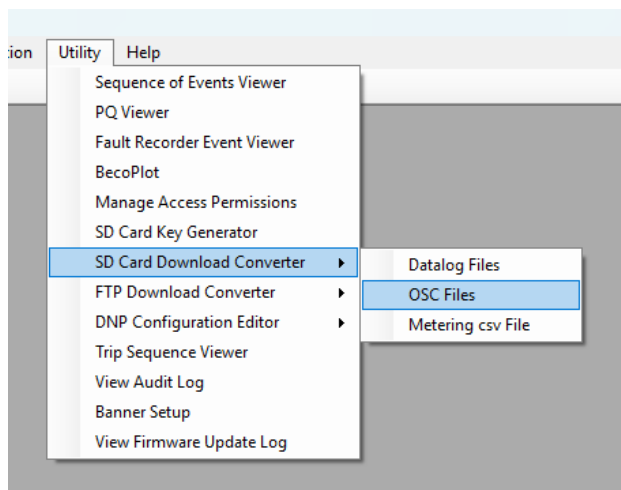
- 1 Start **IPScorn Software** by double-clicking the corresponding shortcut.

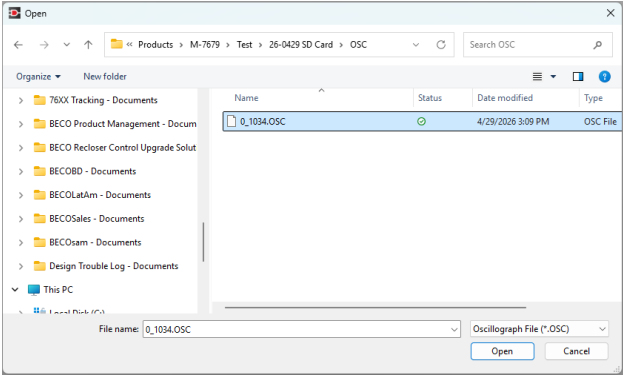
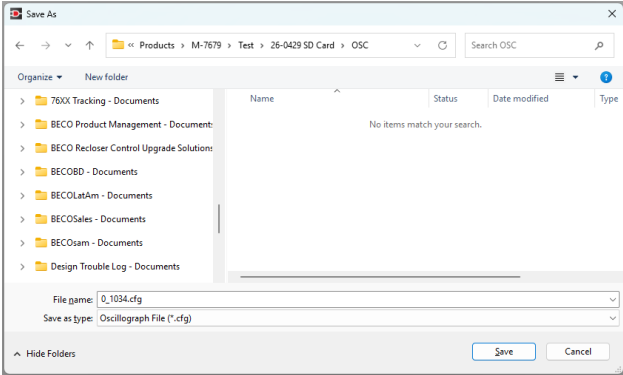
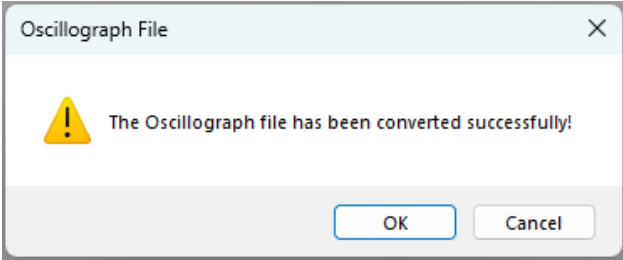
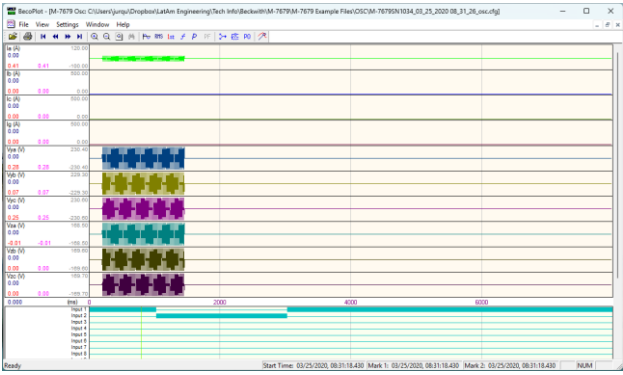


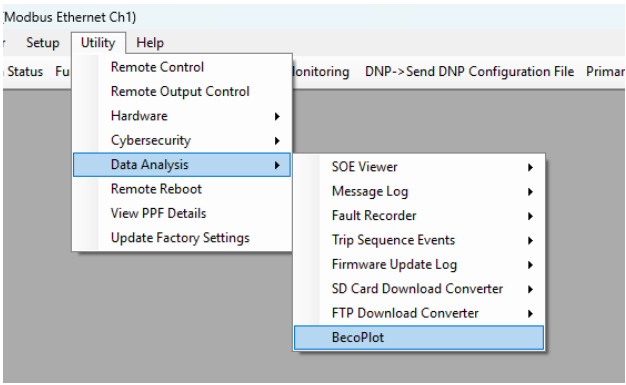
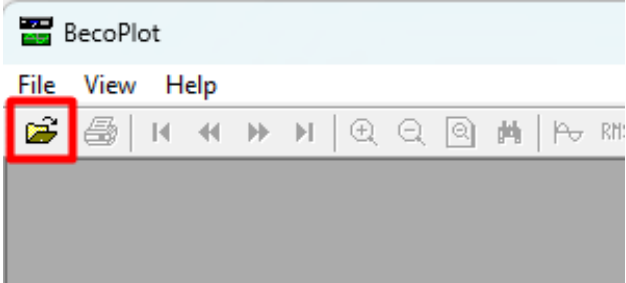
- 2 IPScorn will display the IPScorn **Main** dialog screen.



- 3 Go to **Utility / SD Card Download Converter / OSC Files**



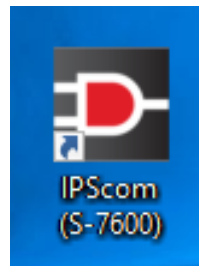
4	IPScorm will display the Open dialog screen. Choose the desired *.OSC file and select Open .	
5	After clicking open, IPScorm will display the Save As dialog screen. Choose the destination folder and type the name of the new .cfg file. Then, select Save .	
6	IPScorm will display a confirmation screen. Select OK .	
7	Then, IPScorm will automatically open Becoplots and will load the new .cfg (converted) file.	

8	The user can manually open BecoPlot when connected to a unit. To do so, navigate to Utility / Data Analysis / BecoPlot.	
9	To open a .CFG file in BecoPlot, click the Open icon located on the toolbar.	
End of Procedure.		

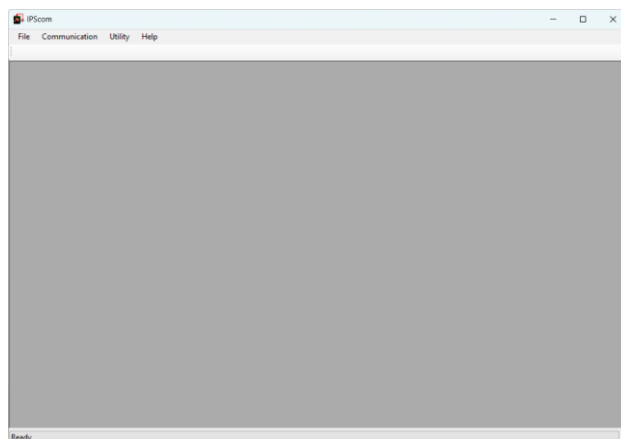
Converting Metering .CSV Files to expanded text .CSV files

When metering data is retrieved from the M-7679 using an SD card, the unit creates a **.CSV** file. The IPScom **SD Card Download Converter** feature allows condensed raw metering data to be converted into expanded text, making the information easier to review and analyze. This section provides step-by-step instructions for converting the metering file.

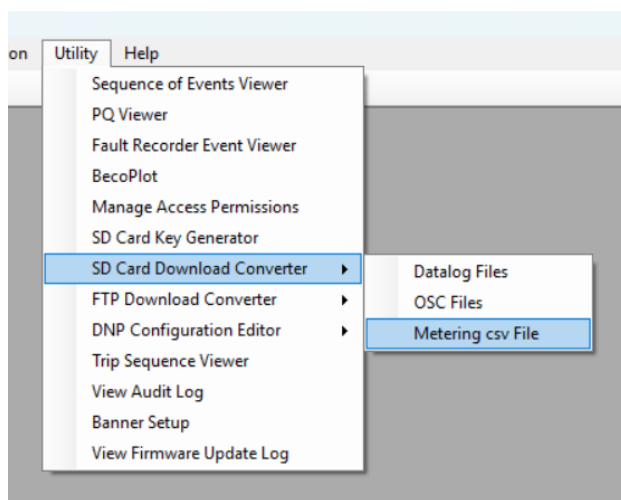
- 1 Start **IPScom Software** by double-clicking the corresponding shortcut.

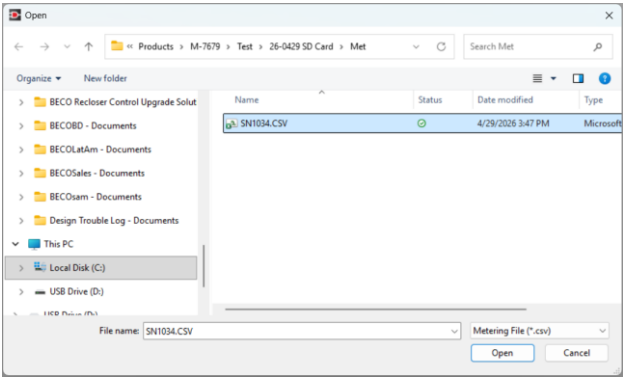
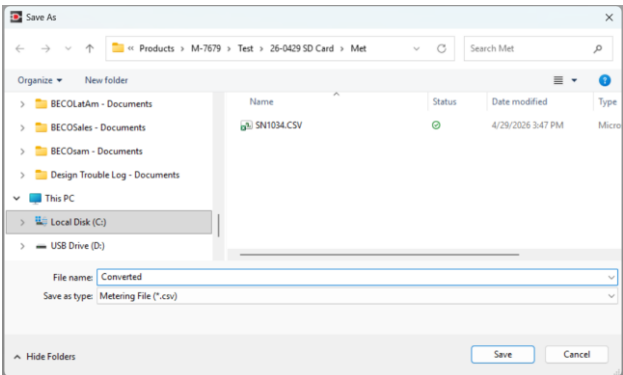
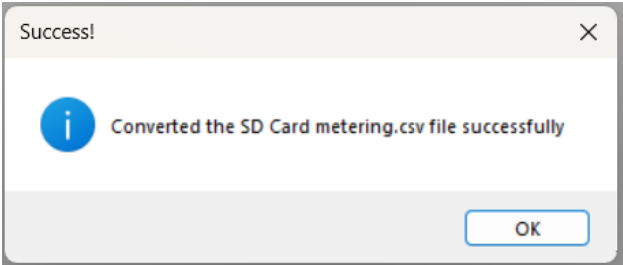


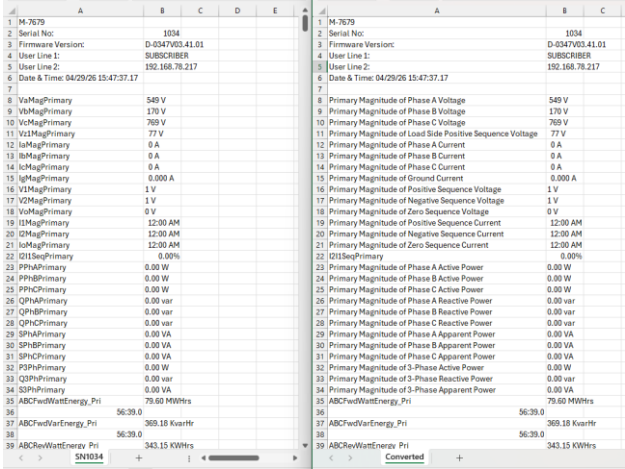
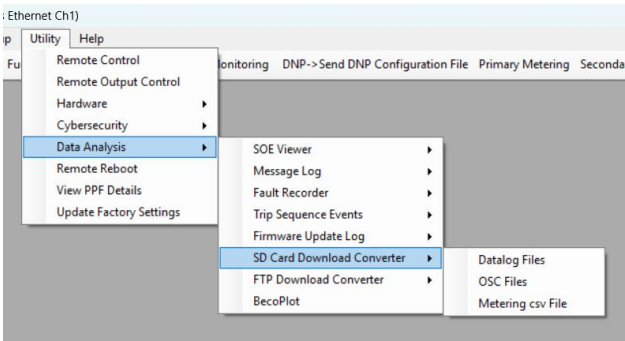
- 2 IPScom will display the IPScom **Main** dialog screen.



- 3 Go to **Utility / SD Card Download Converter / Metering csv File**



4	IPScorm will display the Open dialog screen. Choose the desired *.CSV file and select Open.	
5	After clicking open, IPScorm will display the Save As dialog screen. Choose the destination folder and type the name of the new cfg file. Then, select Save.	
6	IPScorm will display a confirmation screen. Select OK.	

7	Open the new csv file with any spreadsheet program. When comparing the original file with the new one, the user can see that the new file has expanded text which will be clearer for analysis.	
8	The SD Card Download Converter can also be accessed when connected to a unit. To open it, navigate to Utility / Data Analysis / SD Card Download Converter.	
End of Procedure.		



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