



M-7679 R-PAC QUICK REFERENCE GUIDE

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

Downloading Events and Oscillography waveforms



Required Tools:

- PC running Windows 7® or higher
- S-7600 IPScom Communications Software

Latest version of IPScom software can be downloaded from:

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

Required Documentation:

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

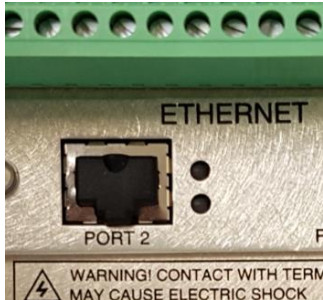
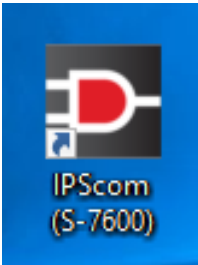
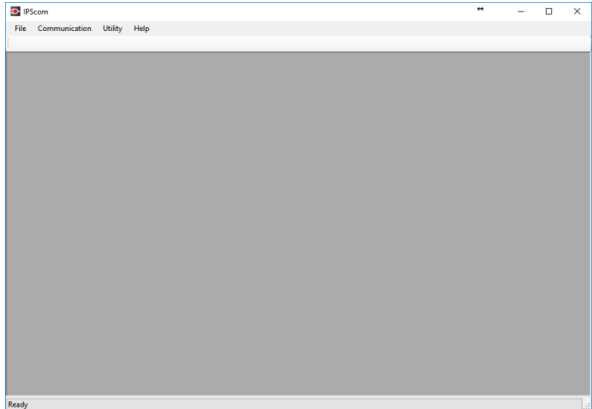
Latest version of M-7679 Instruction Book can be downloaded from:

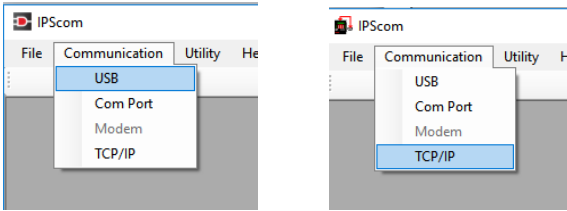
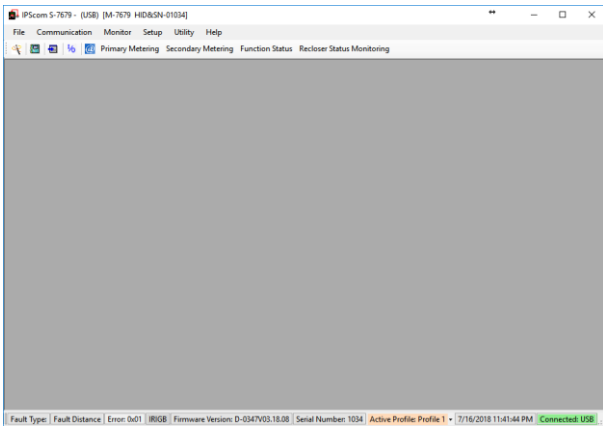
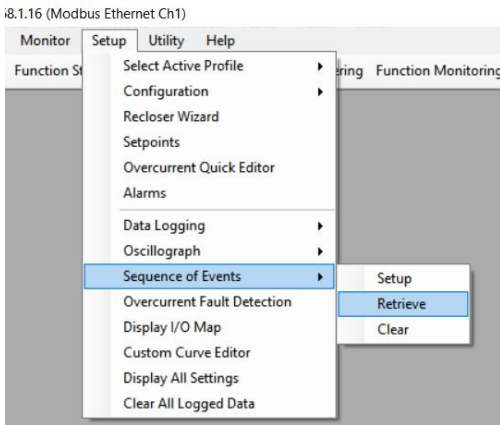
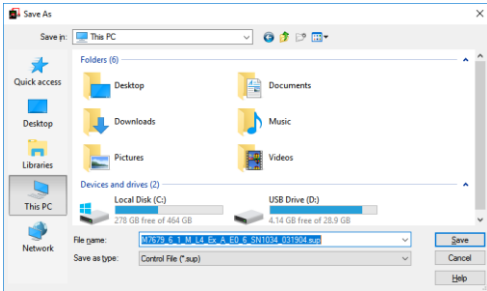
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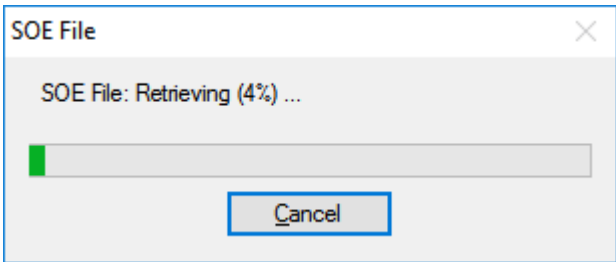
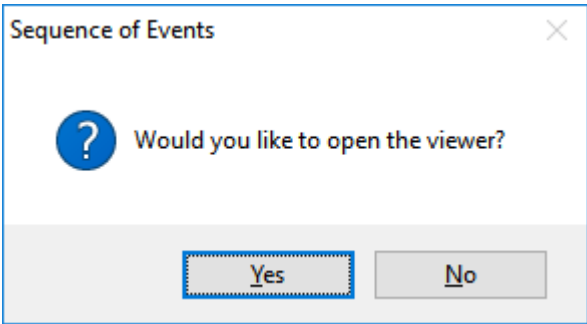
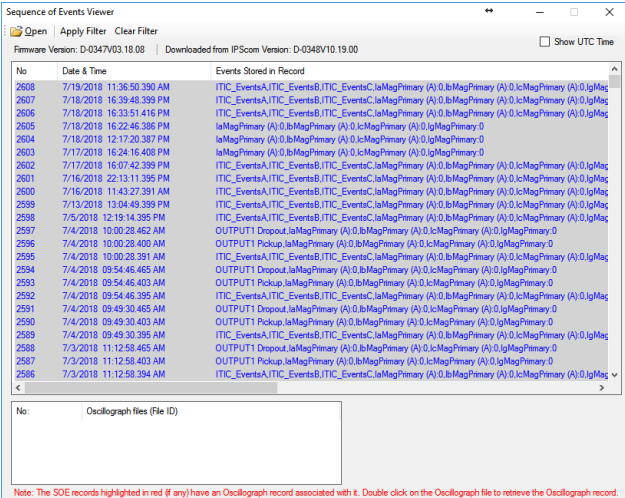


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Downloading Sequence of Events

1	Plug the communications cable into the host computer port (Ethernet or USB).	 
2	Ensure the control is energized and plug the corresponding cable into the port on the control.	 
3	Start IPScom Software by double-clicking the corresponding shortcut.	
4	IPScom will display the IPScom Main dialog screen.	

5	Connect to the M-7679 R-PAC using USB or TCP/IP modes.	
6	Once the connection has been established, IPScm will display the connected version of the IPScm Main Screen.	
7	Select Setup / Sequence of Events / Retrieve .	
8	IPScm will display a Save As dialog screen. Choose the destination folder and select Save .	

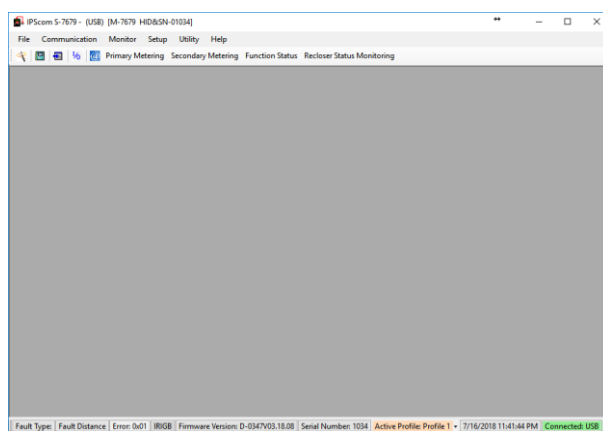
9	IPSCom will start the downloading process.	
10	When the Sequence of Events file has been downloaded IPSCom will offer the option to open the Events viewer.	
11	If choosing Yes , IPSCom will automatically open the Sequence of Events Viewer to show the complete Events list. If a record is highlighted in RED, this indicates that an Oscillograph record is associated with this file and will be listed in the bottom section of the window. When connected to a unit, double-click on the Oscillograph record to retrieve the file.	 Note: The SOE records highlighted in red (if any) have an Oscillograph record associated with it. Double click on the Oscillograph file to retrieve the Oscillograph record.
End of Procedure.		

Downloading Oscillography waveforms

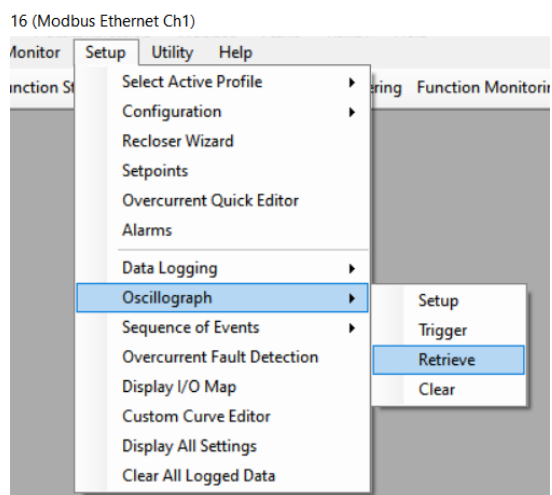
- 1 Connect to the M-7679 R-PAC using USB or TCP/IP modes.

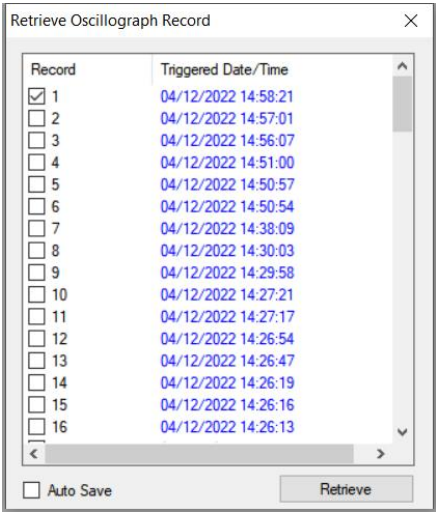
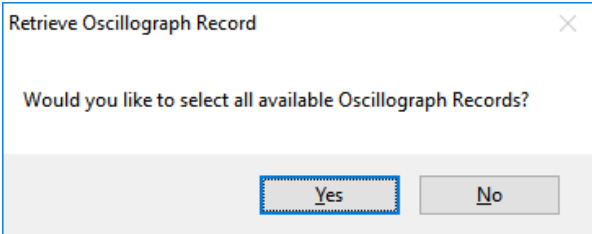
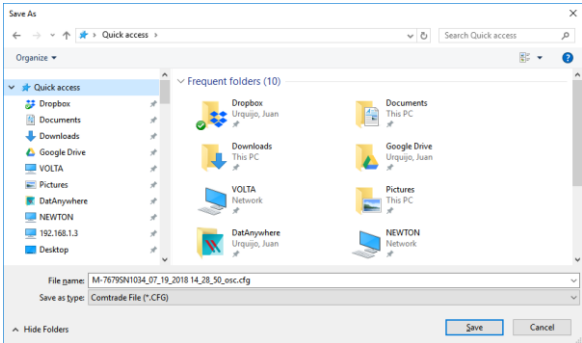
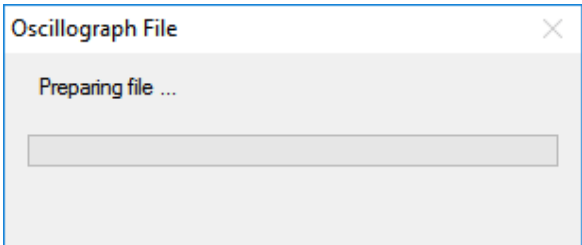


- 2 Once the connection has been established, IPScom will display the connected version of the IPScom Main Screen.



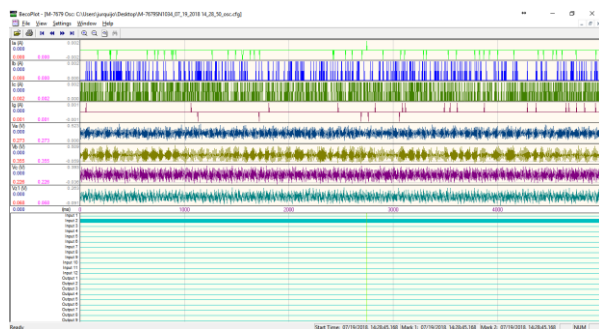
- 3 Select **Setup / Oscillograph / Retrieve**.



4	IPScom will display the Retrieve Oscillograph Record screen. Select the desired oscillographic record, then select Retrieve.	
5	Auto Save option, if checked, will automatically save all retrieved Oscillography records to the same Windows folder rather than displaying the Save As screen for each record. Selecting Auto Save also displays a popup window allowing all available records to be automatically selected and downloaded.	
6	IPScom will display a Retrieve Oscillograph Record Save As dialog screen. Choose the destination folder and select Save. The Oscillograph file will be saved in Comtrade format (*.cfg) in order to be viewed.	
7	IPScom will start the downloading process.	

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When the oscillograph record has been downloaded, IPScom will automatically open the **BecoPlot** tool, which allows the user to plot and print relay data contained in Comtrade formatted files.



End of Procedure.



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[6190 118th Avenue North](#)
[Largo, FL 33773-3724 U.S.A.](#)



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