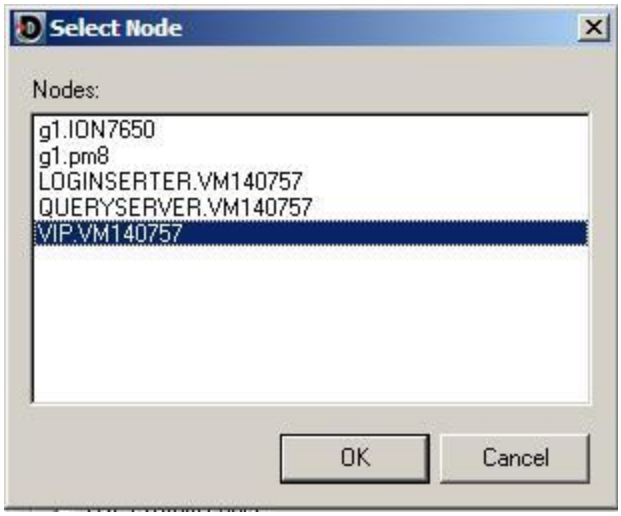
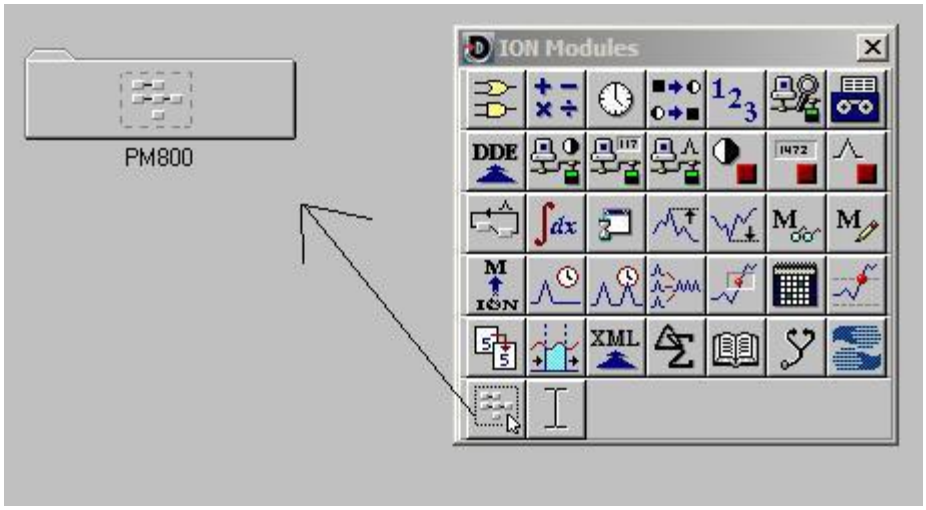
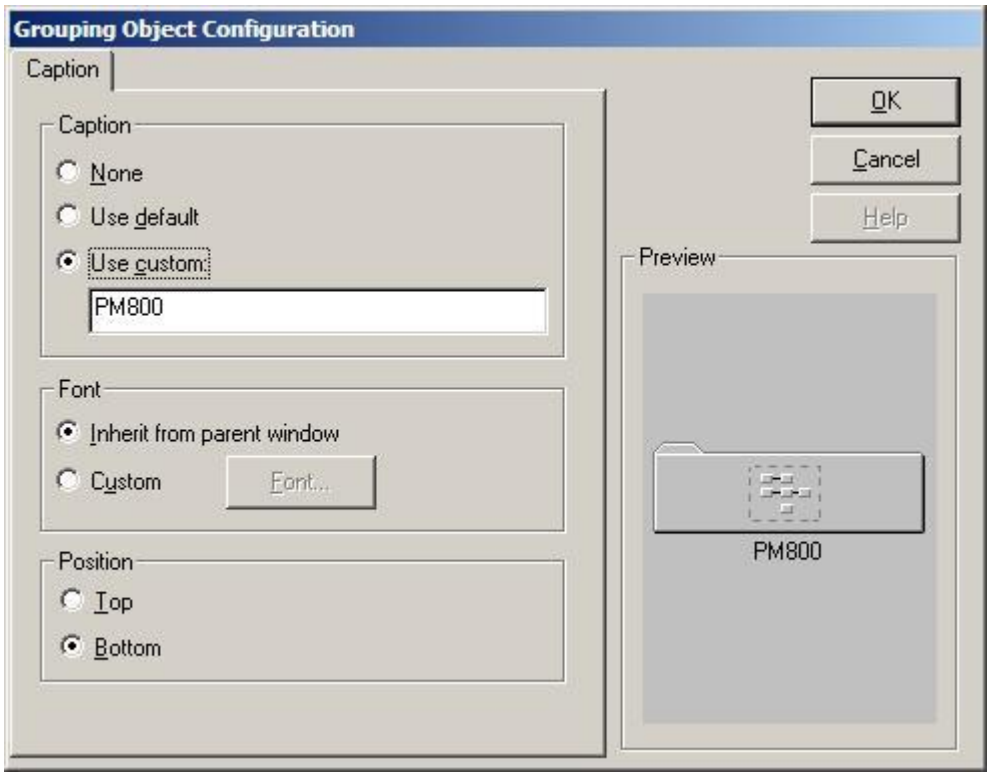
Since the PM800 is not an ION meter, this rescheduler will have to be created within the “VIP”. The VIP can be accessed by going to ‘File → Open…’:



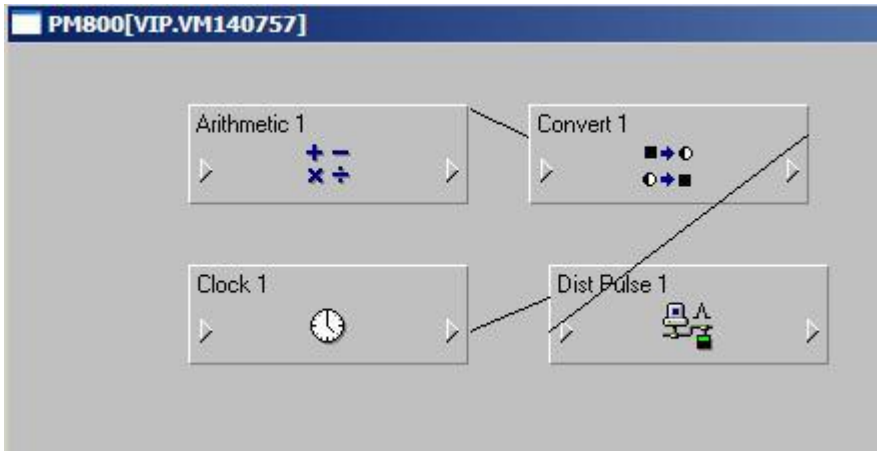
Hit ok, and the VIP window will appear. Note: For the duration of this exercise, the “Toolbox” that contains the ‘ION Modules’ window should be visible. It can be enabled by selecting ‘Options → Show Toolbox’. For cleanliness, this reset scheduler will be created in a new Group window. Accomplish this by dragging the ‘Group’ module onto the screen.



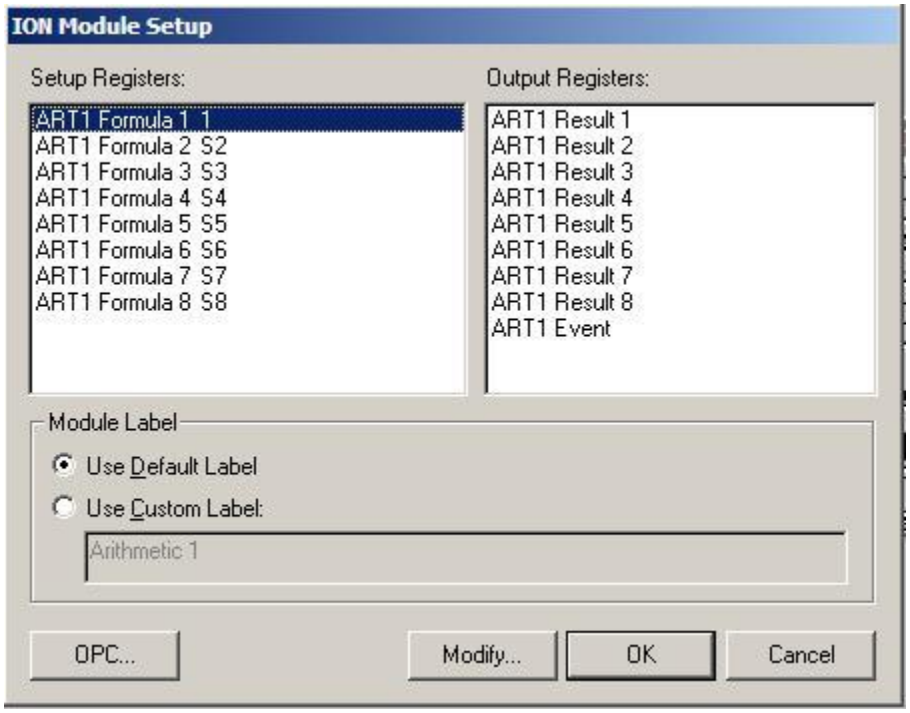
It can be renamed by right-clicking the newly-placed group and choosing the ‘Use Custom:’ box under the ‘Caption’ settings. This one was named “PM800” for simplicity.



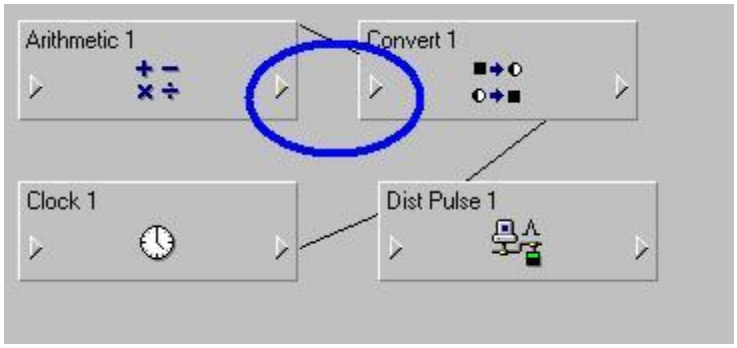
Double-click the new group and a blank page will come up. These are the modules needed (Arithmetic, Convert, Clock, and Distributed Pulse). Drag them onto the screen now:



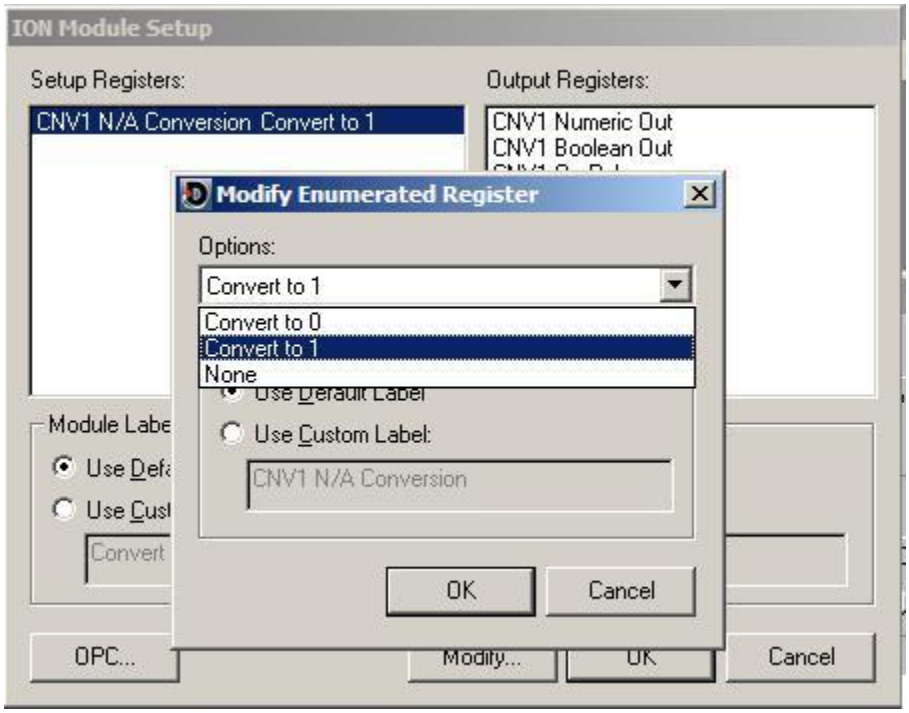
The one here shows links, but the new one will be unlinked at the start. Right-click the ‘Arithmetic 1’ module (or whatever name was chosen/given), and then double-click ‘ART1 Formula 1 S1’ and erase “S1”. Replace it with “1”:



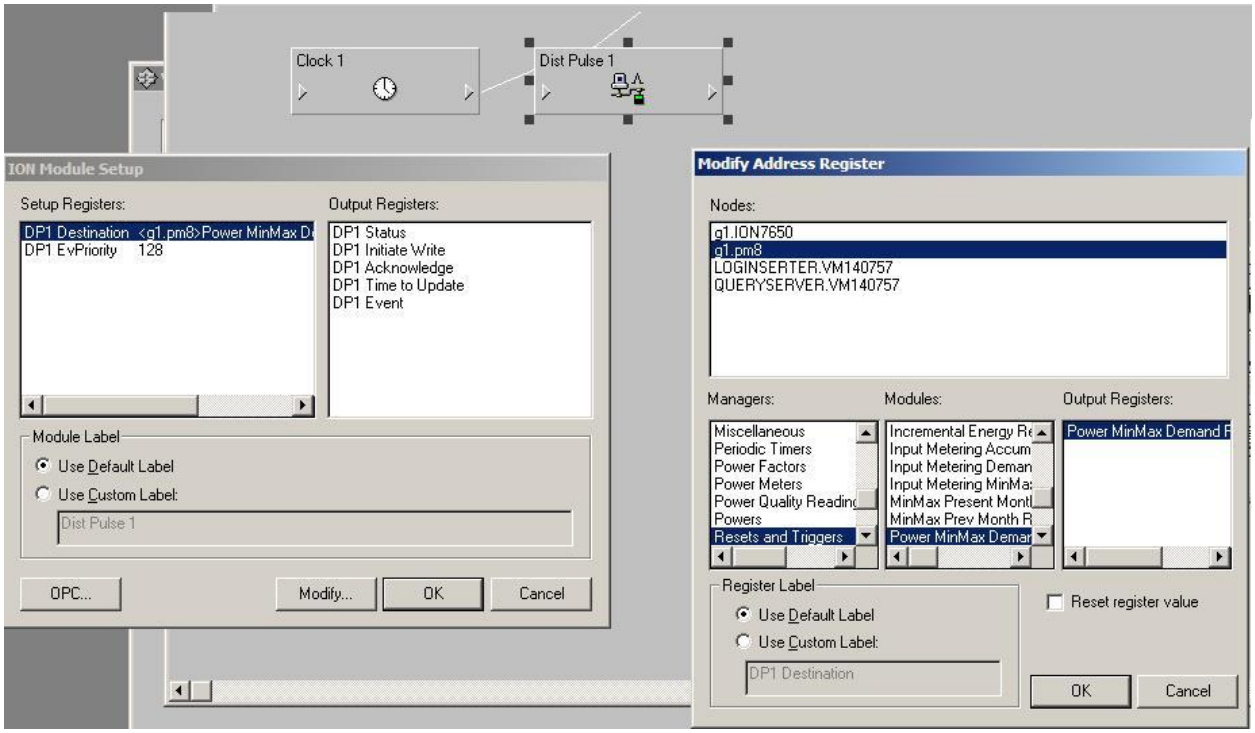
Next, set up the 'Convert 1' module. Link the 'Source:' input of the 'Convert 1' module to the 'ART1 Result 1' output register of the 'Arithmetic 1' module by left-clicking the 'Convert 1' input triangle shown below, then selecting the 'Arithmetic 1' output triangle (also shown below). Select the appropriate register:



Right-click the Convert module and double-click the option in the setup register section. Select 'Convert to 1':



Now, right-click the 'Dist Pulse 1' module. Double-click the 'DP1 Destination…' setup register and find the 'Power MinxMax Demand Reset' output register:



Now link the 'Activate:' input of the 'Dist Pulse 1' module to the 'CNV1 Boolean Out' output register of the 'Convert 1' module. Now link the 'Source:' input of the 'Dist Pulse 1' module to the 'CL1 New Month' output register of the 'Clock 1' module. The DST (Daylight Savings Time) offset of the Clock module can

be configured by right-clicking it and changing the setup register associated with it. Save the diagram, and it should now automatically perform this reset at the start of every month.