SNMP Master Configuration Using *iReasoning* MIB Browser

These are details for configuring the SNMP Master in the ASCO 5140 Quad-Ethernet Module (QEM) by using the *iReasoning* Master.

The *iReasoning* MIB browser software is a free SNMP Master available from:

www.cnet.com   or

www.ireasoning.com

Refer to the 5140 QEM **Installation Manual 381333-417**.

GETting Data Procedure

1. Download and install *iReasoning* MIB browser software.

2. Open the *iReasoning* MIB browser software. See Figure 1.

3. Open communication settings.

4. Enter the IP Address of the 5140 QEM in the **Address** textbox (see the 5140 QEM *About* page).

5. Click the **Go** button. The software will connect to the 5140 QEM.

6. Bring the 5140 QEM MIB file into the *iReasoning* session by uploading it. This is done by right clicking on the **MIB Tree** icon in the **SNMP MIBs** window or by clicking on the file dropdown box. Select the 5140 QEM MIB file to be uploaded. The MIB file is available from ASCO Power Technologies. It must be copied to the computer that is running the *iReasoning* software. The 5140 QEM MIB file is:

   SNMP2ASCO72EEVER.mib

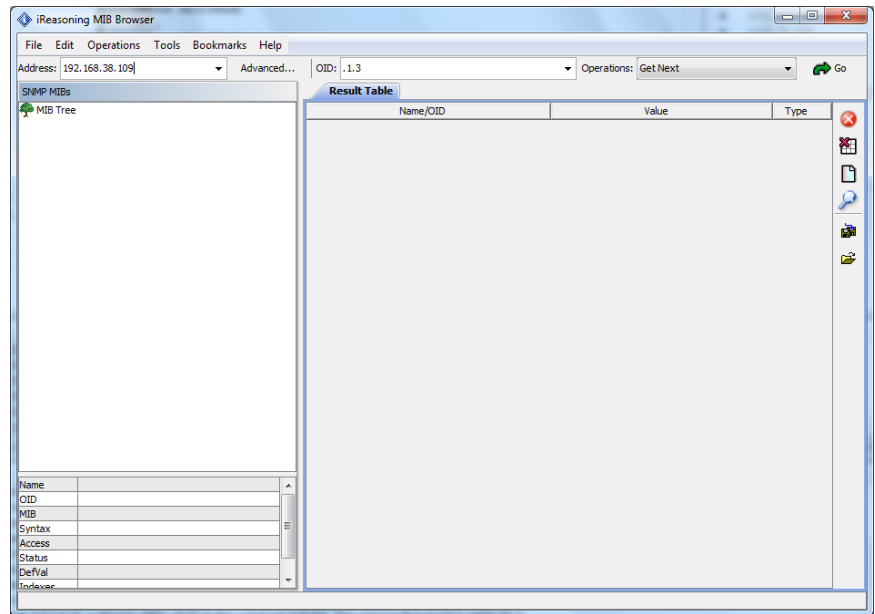7. After successfully uploading the file, the screen shown in Figure 2 appears.

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Figure 1. *iReasoning* MIB browser software.
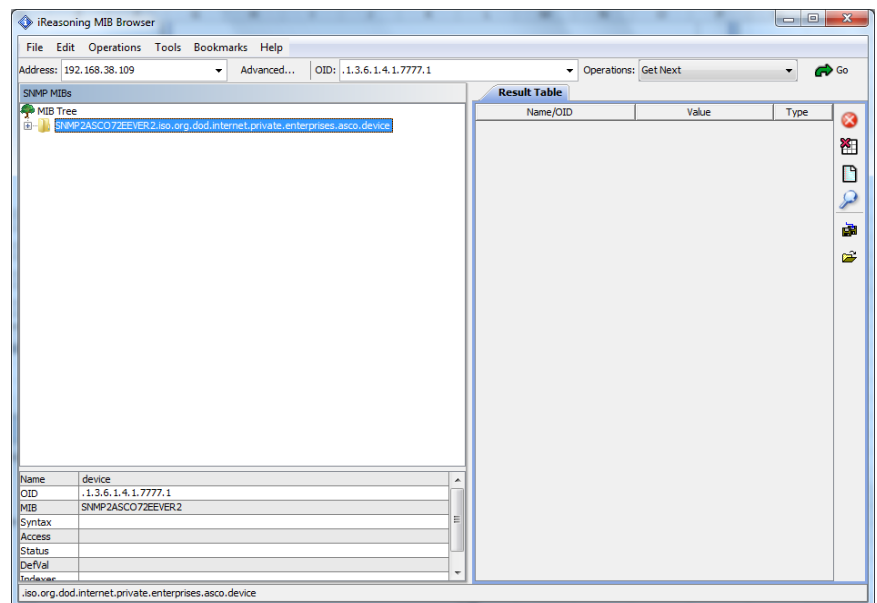
Figure 2. MIB file uploaded successfully.

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8. Click the **MIB Tree** icon (Figure 2) to present the ASCO Power Technologies devices. Click a device to list the accessible objects or registers that are available for reading. Figure 3 shows the Group G ATS Name. Right click the object and select **Get** to read the value of the register from the 5140 QEM.

9. Select **Get Next** (repeatedly) to read the next available registers from a device, as shown in Figure 4.
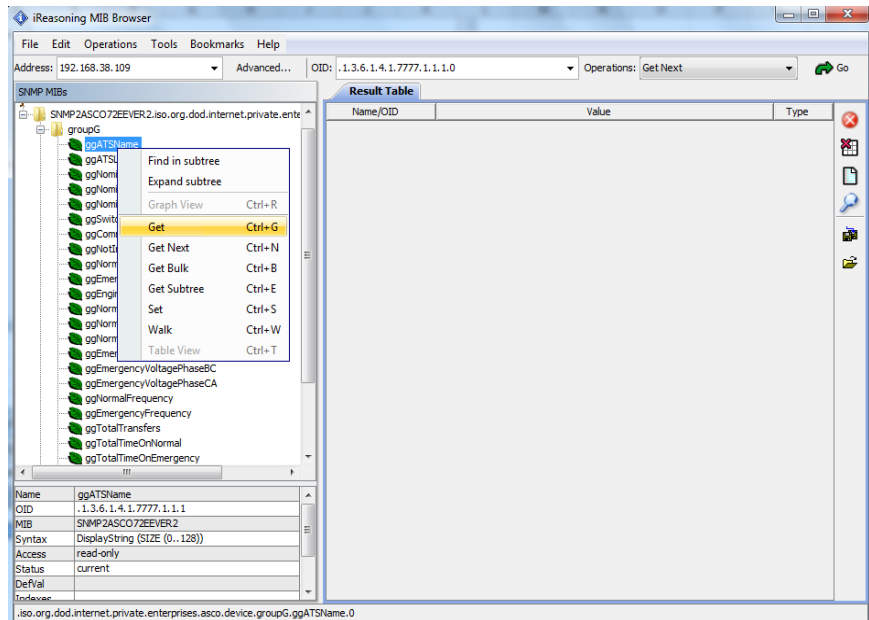

Figure 3. Use GET to read the value of the register.

TRAPping Data Procedure

The 5140 QEM *traps* data by recognizing when Alarm states or Status Registers have changed. The list of Alarms that the 5140 QEM monitors is shown on the Configuration Webpage in the ALARMS Configuration page.

1. On the Configuration webpage of the 5140 QEM enter the IP address of the computer that is running the *iReasoning* software. Both devices should be on the same subnet or the Gateway Address in the *Ethernet Module* window on the 5140 QEM's Configuration Webpage will need to be entered accordingly.

2. In *iReasoning* MIB browser software select the Trap Receiver Tab to be able to review traps sent from the 5140 QEM to the *iReasoning* computer.
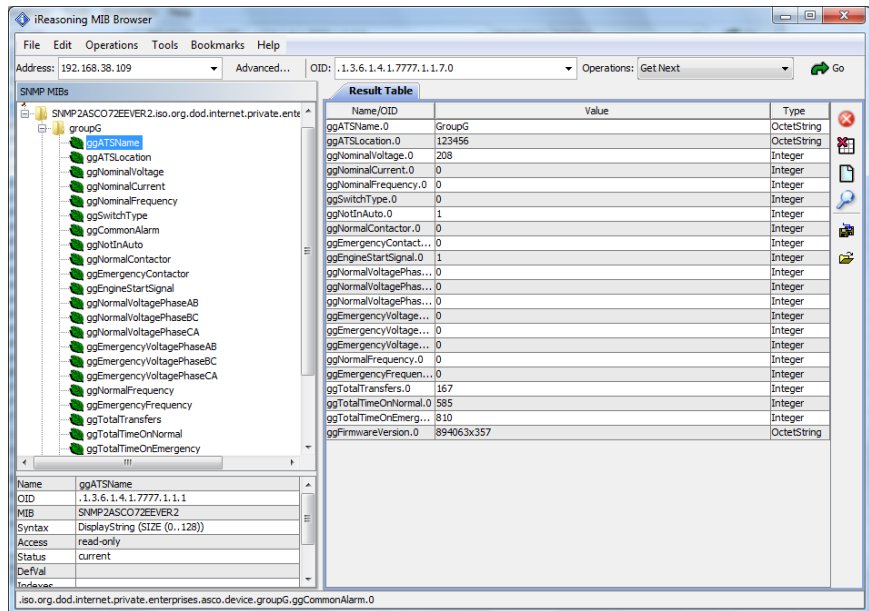

Figure 4. List of available registers from a device.

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