



INTELLIGENT EVENT MODULE BASICS

The APC PowerNet 3.8.4 Intelligent Event Module (IEM) enables you to automate real-time monitoring of APC® PowerNet™ devices that exploit the PowerNet MIB v3.8.4 and capture the critical information you need for effective enterprise management.

The APC PowerNet 3.8.4 IEM provides ConsoleWorks® with a watch-list of text messages drawn from the object identifiers (OIDs) of the PowerNet MIB. ConsoleWorks watches for these messages in the SNMP notifications (*traps*) received from agents running on your managed devices. These messages are called Events.

Events

When ConsoleWorks detects an Event, it alerts you to the Event as it is happening, records the circumstances surrounding the Event, and automatically performs the default or customer-configured responses associated with that Event.

Scans

IEMs come with Events pre-arranged in logical groupings, called Scans™. Working with a Scan—or a combination of Scans—instead of hundreds of individual Events simplifies managing Events across your enterprise.

APC POWERNET 3.8.4 IEM AT A GLANCE

Events:	609
Scans:	1 Master 3 Event Severity
Filename:	<code>cw_iem-apc_powernet-0001.bin</code>
License Required:	<code>CONWRKS-DB-APC.lic</code>
Connector Required:	SNMP Trap Receiver

USING THE APC POWERNET 3.8.4 IEM

To use this IEM, complete the following tasks:

1. Download the IEM from the TDi web site.
2. Import the IEM into ConsoleWorks.
3. Associate the Scans from the IEM with the devices you want to manage.

To Download the IEM

1. Install the license for the APC PowerNet 3.8.4 IEM. To obtain this license, contact your TDi Solutions Team Manager (sales@tditx.com).
2. Move to the TDi web site (www.tditx.com/support_iemdownloads.asp).
3. On the Product Downloads page, locate and click **APC PowerNet 3.8.4**.
4. In the Connect to support2.tditx.com dialog box, enter your User name and Password, and click **OK**. To obtain a User name and Password, contact TDi Support (support@tditx.com).
5. Save the file (`cw_iem-apc_powernet-0001.bin`) to a directory accessible from your client workstation.

To Import the IEM

1. On the ConsoleWorks main menu, click **Admin > Database > Import IEM**.
2. On the Import IEM page, click **Browse**.
3. On the Choose file dialog box, locate and double-click `cw_iem-apc_powernet-0001.bin`.
4. On the Import IEM page, click **Import IEM**, and wait for the **IEM import completed** message to appear on the page before associating the IEM's Scans.

To Associate the Scans

Associate the Scans with the devices you want ConsoleWorks to monitor. When you associate Scans with a device, you are specifying that ConsoleWorks scan the data streams of that device for the Events contained in the Scans.

Example: To associate APC_SEVERE Scan

1. On the ConsoleWorks main menu, click **Manage > Scans > Show Scans**.
2. On the Show Scans page, in the Scans column, click **APC_SEVERE**.
3. On the Scan: APC_SEVERE page, in the Unassociated Consoles column, select the check boxes next to the names of the managed devices you want to associate with the Scan.
4. Click **Update Scan**.

For detailed instructions on associating Scans, please refer to the ConsoleWorks user's guide.



SCANS AVAILABLE IN THE APC POWERNET 3.8.4 IEM

The APC PowerNet 3.8.4 IEM contains a Master Scan and three Event Severity Scans.

Master Scan

The Master Scan, **APC**, is the top-level Scan. It references all the other Scans in the IEM. When you associate the Master Scan with a device, you are specifying that ConsoleWorks scan SNMP traps from the device for all 609 Events.

Event Severity Scans

The APC PowerNet 3.8.4 IEM contains three Event Severity Scans. Use one or more of these Scans to monitor SNMP traps from an APC device for Events based on their Severity levels.

The IEM provides the following Event Severity Scans:

- APC_SEVERE 165 Events
- APC_WARNING 107 Events
- APC_INFORMATIONAL 337 Events

SAMPLE APC POWERNET 3.8.4 IEM EVENTS

The APC PowerNet 3.8.4 IEM provides you with names, message texts, Severity ratings, OIDs, device states, and explanations for Events communicated through the PowerNet MIB.

The following section displays samples of the information you receive for each Event in the APC PowerNet 3.8.4 IEM.

Sample Event 1

Name: APC_046_ACCESSVIOLATIONCONSOLE
Message: Enterprise:1.3.6.1.4.1.45.5.318
Tag Value: *
Specific Value: 46
Severity: WARNING
OID: 1.3.6.1.4.1.45.5.318.46
State: OPERATIONAL
Explanation: Someone has attempted to login via the console with the incorrect password.

Sample Event 2

Name: APC_559_APCANALOGINPUTMAXTHRESH
Message: 1.3.6.1.4.1.45.5.318
Tag Value: *
Specific Value: 559
Severity: SEVERE
OID: 1.3.6.1.4.1.45.5.318.559
State: DEGRADED
Explanation: Maximum threshold violated on an analog input. The first argument is the host device serial number. The second argument is the host device name. The third argument is a secondary device id number. The fourth argument is the input number. The fifth argument is the input name.

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