



Intelligent Event Module™ for IBM® AS/400®

INTELLIGENT EVENT MODULE BASICS

The IBM AS/400 Intelligent Event Module (IEM) enables you to automate real-time monitoring of IBM® AS/400® servers and capture the critical information you need for effective enterprise management.

The IBM AS/400 IEM provides *ConsoleWorks*® with a watch-list of text messages, including error codes, system warnings, and status alerts, produced by AS/400 servers. *ConsoleWorks* watches for these messages, called Events, in the data streams of your managed servers.

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.

IBM AS/400 IEM AT A GLANCE

Events:	1944
Scans:	1 Master 3 Event Severity
Filename:	<code>cw_iem-ibm_as400-0001.bin</code>
License Required:	<code>CONWRKS-DB-AS400.lic</code>
Connector Required:	Syslog

USING THE IBM AS/400 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 servers you want to manage.

To Download the IEM

1. Install the license for the IBM AS/400 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 **IBM AS/400**.
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-ibm_as400-0001.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-ibm_as400-0001.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 IBM servers you want *ConsoleWorks* to monitor. When you associate Scans with a server, you are specifying that *ConsoleWorks* scan the data streams of that server for the Events contained in the Scans.

Example: To associate AS400_IMMEDIATE Scan

1. On the *ConsoleWorks* main menu, click **Manage > Scans > Show Scans**.
2. On the Show Scans page, in the Scans column, click **AS400_IMMEDIATE**.
3. On the Scan: AS400_IMMEDIATE page, in the Unassociated Consoles column, select the check boxes next to the names of the managed servers 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 IBM AS/400 IEM

The IBM AS/400 IEM contains a Master Scan and three Event Severity Scans.

Master Scan

The Master Scan, **AS400**, is the top-level Scan. It references all the other Scans in the IEM. When you associate the Master Scan with a server, you are specifying that ConsoleWorks scan the data stream of that server for any of the IEM's 1,944 Events.

Event Severity Scans

The IBM AS/400 IEM contains three Event Severity Scans. Use one or more of these Scans to monitor IBM servers for messages based on the Severity levels of Events.

The IEM provides the following Event Severity Scans:

- AS400_IMMED 403 Events
- AS400_DEFER 803 Events
- AS400_UNATTEND 738 Events

SAMPLE IBM AS/400 IEM EVENTS

The IBM AS/400 IEM provides you with names, message texts, Severity ratings, and explanations for Events produced by AS/400 servers.

The following section displays samples of the information you receive for each Event in the IBM AS/400 IEM.

Sample Event 1

Name: AS400_CPA57A1
Message: Controller <VAR controller> contact not successful.
Severity: IMMED
Explanation: Additional information may be available on the console by pressing F1 for the "Additional Message Information" screen.

Sample Event 2

Name: AS400_CPA57AA
Message: Call to controller on line <VAR line> not answered. Probable remote problem.
Severity: DEFER
Explanation: Additional information may be available on the console by pressing F1 for the "Additional Message Information" screen.

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