



Intelligent Event Module™ for TAPESYS 6.2®

INTELLIGENT EVENT MODULE BASICS

The TAPESYS 6.2 Intelligent Event Module (IEM) enables you to automate real-time monitoring of the TAPESYS® tape and media management software and capture the critical information you need for effective enterprise management.

The TAPESYS 6.2 IEM provides ConsoleWorks® with a watch-list of text messages, including error codes, system warnings, and status alerts, produced by TAPESYS 6.2. ConsoleWorks watches for these messages, called Events, in the TAPESYS data streams.

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.

TAPESYS 6.2 IEM AT A GLANCE

Events:	1043
Scans:	1 Master 5 Event Severity
Filename:	<code>cw_iem-sp_tapesys-0001.bin</code>
License Required:	<code>CONWRKS-DB-TAPESYS.lic</code>
Connector Required:	Syslog, Telnet or Telnet on Demand, Pseudo or Pseudo on Demand

USING THE TAPESYS 6.2 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 systems you want to manage.

Download the IEM

1. Obtain a license for the TAPESYS 6.2 IEM. To obtain this license, contact TDI (sales@tditx.com).
2. Connect to the TDI web site: (www.tditx.com/support_iemdownloads.asp).
3. On the Product Downloads page, locate and click **TAPESYS 6.2**.
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-sp_tapesys-0001.bin`) to a directory accessible from your client workstation.

Import the IEM

1. On the main menu:
 - (*ConsoleWorks 3.x*) Click **Admin > Database > Import IEM**.
 - (*ConsoleWorks 4.0*) Click **Events > IEMs**.
2. On the Import IEM page, click **Browse**.
3. On the Choose file dialog box, locate and double-click `cw_iem-sp_tapesys-0001.bin`.
4. On the Import IEM page, click **Import IEM**, and wait for the **IEM Import Completed** or the **Import successful** message to appear before attempting to associate Scans.

Associate the Scan


Associate the Scans from the TAPESYS 6.2 IEM with the systems you want monitored. When you associate Scans with a system, you are specifying that ConsoleWorks scan the data streams of that system for the Events contained in the Scans.

Example: To associate Scan TAPESYS_FATAL (ConsoleWorks 3.x)

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



Example: To associate Scan TAPESYS_FATAL (ConsoleWorks 4.0)

1. On the main menu, click **Events > Scans > Edit**.
The Edit Scan page appears.
2. On the Name drop-down list, click **TAPESYS_FATAL**.
3. Click , then click **Add**.
The Add Consoles selector appears.
4. Select the Consoles you want associated with the Scan, review your choices in the Selected Consoles window, and click **OK**.
5. Click **Save**.

SCANS AVAILABLE IN THE TAPESYS 6.2 IEM

The TAPESYS 6.2 IEM contains a Master Scan and five Event Severity Scans.

Master Scan

The Master Scan, **TAPESYS**, is the top-level Scan. It references all the other Scans in the IEM. When you associate the Master Scan with a system, you are specifying that ConsoleWorks scan the data streams of that system for any of the IEM's 1043 Events.

Event Severity Scans

The TAPESYS 6.2 IEM contains five Event Severity Scans. Use one or more of these Scans to monitor systems for Events based on their Severity level.

The IEM provides the following Event Severity Scans:

- TAPESYS_FATAL 292 Events
- TAPESYS_ERROR 417 Events
- TAPESYS_WARNING 97 Events
- TAPESYS_INFORMATIONAL 222 Events
- TAPESYS_SUCCESS 15 Events

SAMPLE TAPESYS 6.2 IEM EVENTS

The TAPESYS 6.2 IEM provides you with names, message texts, Severity ratings, affected facilities, explanations, and recommended responses for Events produced by TAPESYS-managed systems.

The following section displays samples of the information you receive for each Event in the TAPESYS 6.2 IEM.

Sample Event 1

Name: TAPESYS_SYSBK-NOINPUT

Message: NOINPUT, the input parameter is undefined or null; unable to continue

Severity: FATAL

Explanation: There was no input parameter (disk or files to backup) specified for the backup. This is typically due to some sort of error in the **.SBK** file, usually the **FILES_n** parameter, which is where the input parameter comes from.

SYSBK.BIS tries to catch such problems, but some slip through.

Response: Check **.SBK** file.

Sample Event 2

Name: TAPESYS_TAPMGR-BADMTYPE

Message: BADMTYPE, bad media type specified

Severity: ERROR

Explanation: A media type was specified that is not defined in the media type database.

Response: Do a **TAPE REPORT/MEDIA** for valid values.

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