



## INTELLIGENT EVENT MODULE BASICS

The Solstice DiskSuite 4.2.1 Intelligent Event Module (IEM) enables you to automate real-time monitoring of the Solstice™ DiskSuite™ software and capture the critical information you need for effective enterprise management.

The Solstice DiskSuite 4.2.1 IEM provides *ConsoleWorks*® with a watch-list of text messages, including error codes, system warnings, and status alerts, produced by SPARC® systems running Solstice DiskSuite. *ConsoleWorks* watches for these messages, called Events, in the data streams of your managed systems.

### 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.

## SOLSTICE DISKSUITE 4.2.1 IEM AT A GLANCE

Events:	277
Scans:	1 Master 5 Event Severity
Filename:	<code>cw_iem-sun_disksuite-0001.bin</code>
License Required:	<code>CONWRKS-DB-SOLARIS.lic</code>
Connector Required:	Serial or Telnet

## USING THE SOLSTICE DISKSUITE 4.2.1 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.

### To Download the IEM

1. Install the license for the Solstice DiskSuite 4.2.1 IEM. To obtain this license, contact your TDi Solutions Team Manager ([sales@tditx.com](mailto:sales@tditx.com)).
2. Move to the TDi web site ([www.tditx.com/support\\_iemdownloads.asp](http://www.tditx.com/support_iemdownloads.asp)).
3. On the Product Downloads page, locate and click **Solstice DiskSuite 4.2.1**.
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](mailto:support@tditx.com)).
5. Save the file (`cw_iem-sun_disksuite-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-sun_disksuite-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 SPARC systems you want *ConsoleWorks* to monitor. 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 SOL\_DS\_CRITICAL Scan

1. On the *ConsoleWorks* main menu, click **Manage > Scans > Show Scans**.
2. On the Show Scans page, in the Scans column, click **SOL\_DS\_CRITICAL**.
3. On the Scan: SOL\_DS\_CRITICAL 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**.

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



## SCANS AVAILABLE IN THE SOLSTICE DISKSUITE 4.2.1 IEM

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The Solstice DiskSuite 4.2.1 IEM contains a Master Scan and five Event Severity Scans.

### Master Scan

The Master Scan, `SOL_DS`, 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 277 Events.

### Event Severity Scans

The Solstice DiskSuite 4.2.1 IEM contains five Event Severity Scans. Use one or more of these Scans to monitor SPARC systems for Events based on their Severity level.

The IEM provides the following Event Severity Scans:

- `SOL_DS_CRITICAL` 3 Events
- `SOL_DS_MAJOR` 61 Events
- `SOL_DS_MINOR` 148 Events
- `SOL_DS_WARNING` 31 Events
- `SOL_DS_INFORMATIONAL` 34 Events

## SAMPLE SOLSTICE DISKSUITE 4.2.1 IEM EVENTS

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The Solstice DiskSuite 4.2.1 IEM provides you with names, message texts, Severity ratings, and explanations for Events produced by DiskSuite 4.2.1.

The following section displays samples of the information you receive for each Event in the Solstice DiskSuite 4.2.1 IEM.

### Sample Event 1

**Name:** SOL\_DS\_STATEDBPROBLEM  
**Message:** state database problem  
**Severity:** CRITICAL  
**Explanation:** A failed metadvice state database commit or deletion has been retried the default 100 times.

### Sample Event 2

**Name:** SOL\_DS\_MASTERNOTMETADEV  
**Message:** You cannot delete a mounted trans device whose master is not a metadvice.  
**Severity:** MAJOR  
**Explanation:** You are attempting to delete a mounted trans device whose master device is a slice. Unmount the trans metadvice to be able to delete it.

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