



# Intelligent Event Module™ for Sun™ Net Connect

## INTELLIGENT EVENT MODULE BASICS

The Sun Net Connect Intelligent Event Module (IEM) enables you to automate real-time monitoring of Sun™ Net Connect (version 3.2.1) services and capture the critical information you need for effective enterprise management.

The Sun Net Connect IEM provides *ConsoleWorks*® with a watch-list of text messages, including error codes and system alerts, produced by UltraSPARC® hardware systems. *ConsoleWorks* watches for these messages, called Events, in the data streams of your managed assets.

### 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.

## SUN NET CONNECT IEM AT A GLANCE

Events:	564
Scans:	1 Master 3 Event Severity
Filename:	<code>cw_iem-sun_netconnect-0002.bin</code>
License Required:	<code>CONWRKS-DB-SUNNC.lic</code>
Connector Required:	Syslog

## USING THE SUN NET CONNECT 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 Sun Net Connect 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 **Sun Net Connect**.
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_netconnect-0002.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_netconnect-0002.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 UltraSPARC 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 SUNNC\_CRITICAL Scan

1. On the *ConsoleWorks* main menu, click **Manage > Scans > Show Scans**.
2. On the Show Scans page, in the Scans column, click **SUNNC\_CRITICAL**.
3. On the Scan: SUNNC\_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 SUN NET CONNECT IEM

The Sun Net Connect IEM contains a Master Scan and three Event Severity Scans.

### Master Scan

The Master Scan, **SUNNC**, 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 564 Events.

### Event Severity Scans

The Sun Net Connect IEM contains three Event Severity Scans. Use one or more of these Scans to monitor UltraSPARC systems for Events based on their Severity level.

The IEM provides the following Event Severity Scans:

- SUNNC\_CRITICAL 368 Events
- SUNNC\_MAJOR 11 Events
- SUNNC\_WARNING 185 Events

## SAMPLE SUN NET CONNECT IEM EVENTS

The Sun Net Connect IEM provides you with names, message texts, Severity ratings, subsystems, key IDs, and explanations for Events produced by UltraSPARC systems.

The following section displays samples of the information you receive for each Event in the Sun Net Connect IEM.

### Sample Event 1

**Name:** SUNNC\_1\_1\_21  
**Message:** shutdown due to temperature exceeding limits  
**Severity:** CRITICAL  
**Subsystem:** CHASSIS  
**Key ID:** shutdown  
**Explanation:** Temperature Alarm

### Sample Event 2

**Name:** SUNNC\_1\_1\_214  
**Message:** IO Primary Fan Failure  
**Severity:** CRITICAL  
**Subsystem:** CHASSIS  
**Key ID:** IO  
**Explanation:** Fan Alarm

© 2007 TECSys Development, Inc. The information in this document is provided by TECSys Development, Inc. as-is without warranty of any kind and is subject to change without notice. The warranties for TECSys Development, Inc. solutions are set forth in the limited warranty statements accompanying such solutions. Nothing herein shall be construed as constituting an additional warranty. All products or company names mentioned in this document are trademarks or registered trademarks of their respective owners. Portions of the technology within the ConsoleWorks server are protected under US Patent number 6,505,245. ConsoleWorks is a registered trademark of TECSys Development, Inc.