

CNL Software Scom Monitor

Device Driver Specification.

17/04/2014



A Whole World of Integration



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1 Document Versions

Version	Date	Name	Change
1.0	2014-04-17	DW	Document Created.

2 Referenced Documents

Document	Version	Description
Driver Project Requirements (DDK-PR)	1.0	The CNL Software Scdm Monitor driver must conform to all the requirements detailed in this document.
Driver Connection and Online States Requirements (DDK-DC)	1.0	The CNL Software Scdm Monitor driver must conform to all requirements in this document detailed in the section: Device Connection and Online States

3 Manufacturer

Name CNL Software



Website <http://www.cnlsoftware.com/>

Description CNL Software

4 IPSecurityCenter Versions

The driver must be compatible with the following IPSecurityCenter versions:

IPSecurityCenter Version	Supported
4.7	<input checked="" type="checkbox"/>

5 Operating Systems

5.1 Client Side Functionality

Operating Systems	Supported
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5.2 Server Side Functionality

Operating Systems	Supported
Windows Server 2008 R2	<input checked="" type="checkbox"/>
Windows Server 2012	<input checked="" type="checkbox"/>

6 Models / Firmware Versions

Model	Versions	SDK
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7 Hardware Configurations

N/a

8 Driver Package

The driver package is named: `cnl_ipsc_cnlsoftware_scommonitor_[BUILD-VERSION].ipsc`

9 Driver Features

9.1 Scsm Monitor

9.1.1 Device Connection and Online States

The full requirements for these features can be found in the [Device Connection and Online States Requirements](#)

Feature	
DC1.0 Device Online Status	None
DC2.0 Authentication	None

9.1.2 Video

This device does not support video.

9.1.3 Properties

General requirements for properties can be found in [Driver Project Requirements](#).

Name	Type	Description	Default Value & Ranges
Queue Name	string	The name of the MSMQ to be polled.	Default: Min: Max:

9.1.4 Methods

General requirements for methods can be found in [Driver Project Requirements](#).

9.1.5 Events

General requirements for events can be found in [Driver Project Requirements](#).

9.1.5.1 MSMQ Message Logged

Raised when a new MSMQ message is found on the queue.

Performance

The driver must be able to handle 4000 events per hour.

Event Properties

Name	Type	Description
Label	string	Label
Priority	string	Priority
Class	string	Class
MessageID	string	MessageID
Body	string	Body

10 Installation

10.1 Prerequisites

Install the SDK on all machines running the following services / software:

- Connection Manager

10.2 Driver Installation

- Start the IPSecurityCenter™ client and any supporting services
- Open the Device Driver Manager from the System Configuration
- Click the ***Install*** button
- Select the CNL Software Scm Monitor Driver Package in the Open file dialog
- Wait for the driver to be uploaded
- Enable the 'CNL Software Scm Monitor Communication Server'

The driver packages should be listed in the Device Driver Manager.

10.2.1 Device Configuration

- Right click in a folder (e.g. Devices) in the System Configuration: **New** → **Device On** → **Server**
- Click **Next** on the introduction
- Select **CNL Software** in the **Device Manufacturer** list
- Select **Scom Monitor** in the Available Devices list
- Click **Next** to enter the device details: Enter the CNL Software Scom Monitor hostname or IP address, the port (use 0 to use the default port), and user name and password if integrated security is not being used.
- Click **Next** and **Finish** to add the device.
- Enable the device to bring it online.

10.2.2 Driver Compatibility

The following devices are known to be incompatible with the CNL Software Scdm Monitor.

Model
