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Introduction

It is assumed that the Software House C-CURE 9000 and OnSSI Ocularis are installed, licensed and configured. This document provides detailed instructions for installing and configuring the component to send Ocularis video and events into C-CURE 9000.

This product is validated using C-CURE 9000 v2.60 and Ocularis v5.4.

Getting Started

Review C-CURE 9000 Manuals

Please note Hardware and Software requirements.

Check the C-CURE 9000 Security + Event Management web page for all documentation.

- Review the C-CURE 9000 Version 2.60 Installation and Upgrade Guide documentation.
- Review the C-CURE 9000 Version 2.60 Video Guide documentation.
- Review the C-CURE 9000 Version 2.60 Server Configuration Application Guide documentation.
- Review the C-CURE 9000 Version 2.60 Software Configuration Guide documentation.
- Review the C-CURE 9000 Version 2.60 Monitoring Station Guide documentation.
- Review the C-CURE 9000 Version 2.60 Video Admin Guide documentation.

Review Ocularis Manuals

Please note Hardware and Software requirements.

Check the OnSSI Product Documentation web page for all documentation.

- Review the Ocularis Installation and Licensing Guide documentation.
- Review the Ocularis Administration User Manual documentation.
- Review the Ocularis Client User Manual documentation.
- Review the Ocularis Event Proxy Configuration Guide documentation.
Features

The Ocularis interface supports all of the standard Software House features except patterns. The following features are supported:

- Live Video
- Pre-recorded Video Play Back
- Record Start (On Demand)
- Record Stop (On Demand)
- PTZ (Domes only)
- Video Alarms
- Video Tour
- Video View Up to 16 Cameras
- Presets
- PTZ Presets Based on Event, Alarm Input or Video Tour
- Toggle Video Window Size
- Display Up to four Live Video Windows Based on Event
- Original Recorded Video Cannot Be Altered
- A single Window may be used to display Live and Recorded video

Performance and Scalability

The OnSSI recorders are easily scalable. There is no set software limit to maximum number of cameras. To expand the system, keep adding new recorders to Ocularis Base.
Limitations

Limitations with C•Cure Systems
The OnSSI C•CURE integration is designed, tested and supported on a standalone version C•CURE server. Other configurations such as C•CURE Enterprise (MAS/SAS) and Redundancy are not supported.

Limitations with Remote Desktop
Access to video features through remote desktop is not supported (video may not appear).

Limitations on Alarm Contacts
When configuring alarm contacts in the OnSSI recorder, there are separate alarms for a contact closing and a contact opening. In order for the alarm integration to trigger and clear alarms in C•CURE 9000, a special naming convention is used to tie the closing and opening conditions. Use the following naming convention, consisting of contact name followed by _ON or _OFF. For example:

- DoorContact_ON
- DoorContact_OFF

Limitations on Preset Names
Camera presets on OnSSI are based purely on names, while presets in C•CURE 9000 are based on numbers. When integrating C•CURE 9000 and OnSSI it is important that presets on the OnSSI system be named in the following convention: Preset # followed by optional text. For example:

- 1 - Home
- 2 - Switch Panel
- 3 - Door
- 4 - Clock
C•CURE - Ocularis

Message Queuing (MSMQ)

Ensure Microsoft Message Queuing is installed.

Install the C•Cure-Ocularis Video Driver

This video driver must be installed on any system that will utilize Ocularis features. This can consist of both Server and Client components.

Install the C•Cure-Ocularis Video Driver by executing the installer package (i.e. OnSSI C-CURE 9000 Video Driver Installer 5.4.26.1.exe).

Welcome dialog for the OnSSI C-Cure 9000 Video Driver Setup Wizard to have Ocularis video and events delivered to C•Cure 9000. Click Next to continue or Cancel to exit.
Setup Type dialog to select what suits your needs.

If this computer will be accessing the **Ocularis Base** then the configuration information needs to be updated. Typically checked.
Review the settings. If modification is needed click **Back** and make the necessary changes. If the settings are satisfactory the click **Next** to proceed.

If needed the C-Cure 9000 services that are running will be shutdown so the installation can occur.
The plug-in will install.

The C-Cure-Ocularis setup has completed. Click Finish to exit the Setup Wizard.

To complete the installation a restart may be necessary. It is recommended to restart the computer at this time if prompted.
How does Ocularis and C•Cure 9000 Interact?

Review the C•CURE 9000 Version 2.60 Video Guide documentation.

- Configure the OnSSI Video Server
- Create a Video View
- Create a Video Action
- Configure a Camera
Configure the OnSSI Video Server


Once the video driver is installed and running it is time to configure OnSSI Video Server in C•Cure 9000 so video can be used. Refer to the C•CURE 9000 2.60 Video Admin Guide documentation for additional detail.

Launch the C•Cure 9000 – Administration Workstation.

Click Video

Rename the video folder as desired.
Click **Save and Close**.

Right click on the folder to expose the video options available. Select **OnSSI Video Server**.

Click **New** to create a new server. The **OnSSI Video Server** – dialog opens.
Under the **OnSSI Video Server** dialog the **General** tab is selected by default.

Enter the necessary information to add the OnSSI Ocularis Base to the C•Cure 9000 system. For this example the *italicized* text is for sample purpose, your actual information must be used.

- **Name** - *OnSSI Ocularis Base (12.168)*
- **Time Zone** – *Eastern Time*
- **Domain** – if applicable
- **User Name** - *admin*
- **Password** - *12345*
- **Re-enter Password** - *12345*
- **IP Address** – *192.168.12.168*
- **Authentication** – *Basic (by default)*

Check **Enabled**
Click **Import Cameras**

Imports all camera information set up with the current video server from the video server. You should use this button to set up your cameras, rather than creating the cameras manually. Cameras are referenced by name only, so the names must match exactly.

**Connecting...**

The camera import is complete. Click OK to continue.

Click **OK**.

Click **Save and Close** the **OnSSI Video Server** setup.
The Video Tree tab in the Administration Station will show the OnSSI Video devices that were added.
Create a Video View

Review Chapter 6 – Video View in the C•CURE 9000 Version 2.60 Video Guide documentation.

In the Administration Station expose the Video Tree tab under Video. Right click on the folder to expose the video options available.

Select Video View then New. Video View dialog opens.
Enter a Name and Description. Select a View type, in this case a 2 x 2. Drag the desired cameras into the View.

Click **Save and Close** the **Video View** setup.

The **Video Tree** tab now shows the **Views** with the newly created View.

Create any supported View as needed.

Create a (1 x 1) view to be used later to demonstrate the built in C•Cure 9000 Video Viewer.
Cure-Ocularis Installation & Configuration
Create a Video Action

Review Chapter 5 – Video Action in the C•CURE 9000 Version 2.60 Video Guide documentation.

Click Configuration

Select Event from the dropdown menu. Click New to launch the Event dialog.

The General tab is selected by default.
Create a Video Viewer Action

Enter the necessary information to add the Event to the C•Cure 9000 system. For this example the *italicized* text is for sample purpose, your actual information must be used.

- **Name** - OnSSI Event
- **Description** – OnSSI Event

Check **Enabled**

In the **General** tab **Default state** check **Armed**.

Select the **Acknowledgement** tab.

Check **Send state changes to Monitoring Station**.
Select the **Messages** tab.

Enter the necessary information to provide a message so this Event can be found in the **Monitoring Station Activity Viewer**. For this example the *italized* text is for sample purpose, your actual information must be used.

- **Message – Display this line when activated:** - *OnSSI Event – ACTIVATED*
- **Message – Display this line when deactivated:** - *OnSSI Event – DEACTIVATED*
- **Instructions to display on Event Details screen** - *OnSSI Event happened!*

Select the **Action** tab.

Click **Add**.
Click the **Action** dropdown and select **Display Viewer** and set **Type** to **OnSSI Video Camera** with the **Object** set to your camera of interest – 157 – Axis Q1614 (12.101) – Veterans Highway

![Image of Event configuration dialog]

Click **Save and Close**. The Event dialog closes.
Create a Move to Preset with Video Viewer Action

Enter the necessary information to add the Event to the C•Cure 9000 system. For this example the *italized* text is for sample purpose, your actual information must be used.

- **Name** - OnSSI Event Move to Preset
- **Description** – OnSSI Event Move to Preset

Check **Enabled**

In the **General** tab **Default state** check **Armed**.

Select the **Acknowledgement** tab.

Check **Send state changes to Monitoring Station**.

![Configuration Screen](image)
Select the **Messages** tab.

Enter the necessary information to provide a message so this Event can be found in the **Monitoring Station Activity Viewer**. For this example the *italized* text is for sample purpose, your actual information must be used.

- **Message** – **Display this line when activated**: - *OnSSI Event Move to Preset – ACTIVATED*

- **Message** – **Display this line when deactivated**: - *OnSSI Event Move to Preset – DEACTIVATED*

- **Instructions to display on Event Details screen** - *OnSSI Event Move to Preset happened!*

Select the **Action** tab.
Click **Add**.

Click the **Action** dropdown and select **Video Camera Action**. In the **Camera** tab select the desire server - **OnSSI Ocularis Base (12.168)** - and PTZ camera of interest – **157-PTZ – Sony SNC-RZ50 (11.242)**.

Click the **Action Type** tab select the Action Type **Camera Preset Command** and the valid **Preset** number.
Click **Add**. Add a **Display Viewer** so the camera where the preset will occur is displayed.

Click **Save and Close**. The Event dialog closes.
Configure a Camera

Review Chapter 4 – Video Camera in the C•CURE 9000 Version 2.60 Video Guide documentation.

Right click on a camera and click Edit. The OnSSI Video Camera dialog will open for that camera. The General tab will be active.

Click on the Alarms tab.
Click Add.

Expand the Property to select the Video Camera Alarm.

Expand the Action dropdown and select Activate Event.

Select the Event recently added - OnSSI Event.

Expand the Value dropdown and select Motion.

Click Save and Close.

To review ... When a Motion event is detected by Ocularis on this camera the action will cause the Event OnSSI Event to be activated. The Monitoring Station will display the OnSSI Video Camera pop up showing the desired camera.

Create a Video Tour

Review Chapter 7 – Video Tour in the C•CURE 9000 Version 2.60 Video Guide documentation.

A video tour is a list of views in sequence for a user defined dwell time in a Live Video Window. Dwell Time is a user specified time from 1 second to 5 minutes for viewing the views. You can pause the tour and restart the tour in either direction.

This features enables you to view live video from a collection of views that are configured to display different cameras and camera groups in a timed sequence.
Ocularis

Ocularis System

Review the *Ocularis Administration User Manual* documentation.

Ocularis consists of a Recorder, Recorder Proxy, Base and Administrator.

The events are detected from the cameras by the Recorder. The Motion detection and other events are configured on the Recorder. These events are passed to the Recorder Proxy. The Events arrive at Ocularis Base from the Recorder Proxy.

These events must be mapped so they will be passed to the C•Cure-Ocularis Video Driver using the Microsoft Message Queue.

Ensure that the desired camera – 157 – Axis Q1614 (12.101) – Veterans Highway - has the **Server Side Motion Detection (Full Frame)** mapped so the **Motion** event is passed to the C•Cure 9000.

Ocularis Administrator Configuration

Under the **Servers / Events** tab map the camera to the event.
Under the **Distribution Groups** tab ensure that under the Events tree the event is enabled under the **Enabled Events in this Distribution Group** section. In this example the 157 – Axis Q1614 (12.101) – Veterans Highway camera has the **Server Side Motion Detection (Full Frame)** enabled.

Ensure that the User is enabled under the **Users in Distribution Group**.

**Ocularis Client**

Configure a view with a Blank Screen to see the event in Ocularis. No other action is needed in the Client.
Ocularis Video and Events in C•Cure 9000

Launch the C•Cure 9000 - Monitoring Station. With all the previous steps followed the Motion event will appear.

**Motion Event**

Upon receiving a Motion event from Ocularis the camera will be displayed.

![Video Viewer Task](image)

Video viewer tasks are available in the Video Viedo Popup View.

- Take a Snapshot
- Retrieve Recorded Video
- Record Video
- Reconnect Camera
Move a Camera to a Preset

Upon receiving the event to Activate the Move to Preset action the camera will move to the desired Preset and be displayed.

Please note the preset number naming scheme as mentioned underLimitations.
Each event can be manually tested by using the events **Activate...** and **Deactivate...** selections when right clicking on the event. Notice the messages that are part of the Action.
Miscellany

- None
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