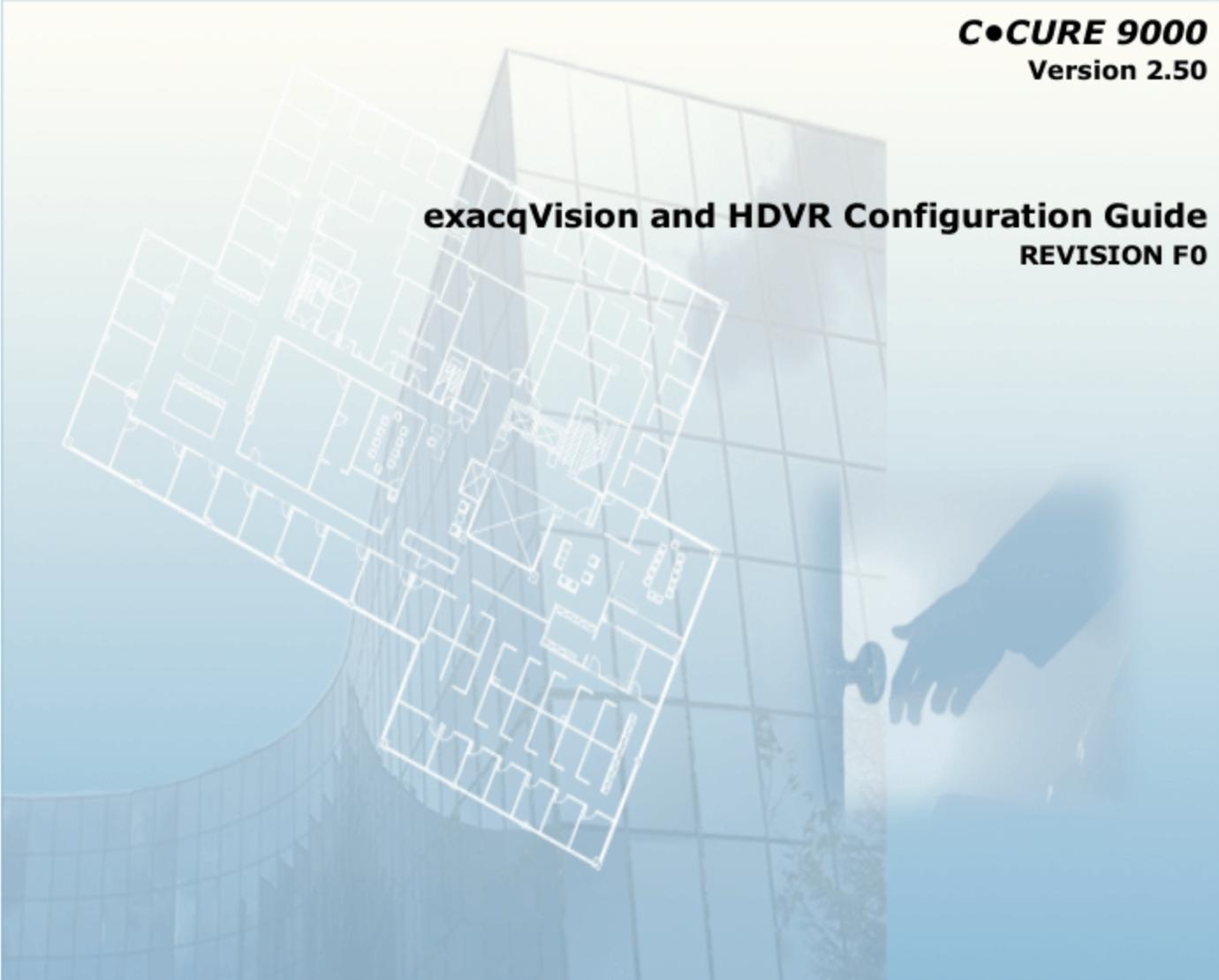


SOFTWARE HOUSE

From Tyco Security Products

C●CURE 9000
Version 2.50

exacqVision and HDVR Configuration Guide
REVISION F0

A hand is shown holding a white architectural blueprint in front of a modern glass building. The blueprint is tilted and features various lines and text, including the words 'C●CURE 9000' and 'exacqVision'. The background is a blue-tinted image of a glass building with a hand reaching out to touch the glass.

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Preface

The C•CURE 9000 exacqVision and HDVR Configuration Guide is for new and experienced security system users who want to use these products with the C•CURE 9000 Security Management System.

In this preface

Conventions	6
Finding More Information	7
Software House Customer Support Center	8

Conventions

This manual uses the following text formats and symbols.

Convention	Meaning
Bold	This font indicates screen elements, and also indicates when you should take a direct action in a procedure. Bold font describes one of the following items: <ul style="list-style-type: none"> • A command or character to type, or • A button or option on the screen to press, or • A key on the keyboard to press • A screen element or name
blue color text	Indicates a hyperlink to a URL, or a cross-reference to a figure, table, or section in this guide.
<i>Regular italic font</i>	Indicates a new term.
<text>	Indicates a variable.

The following items are used to indicate important information.

NOTE

Indicates a note. Notes call attention to any item of information that may be of special importance.

TIP

Indicates an alternate method of performing a task.



Indicates a caution. A caution contains information essential to avoid damage to the system. A caution can pertain to hardware or software.



Indicates a warning. A warning contains information that advises users that failure to avoid a specific action could result in physical harm to the user or to the hardware.



Indicates a danger. A danger contains information that users must know to avoid death or serious injury.

Finding More Information

You can access C•CURE 9000 manuals and online Help for more information about C•CURE 9000.

Manuals

C•CURE 9000 software manuals are available in Adobe PDF format on the C•CURE 9000 DVD.

You can access the manuals if you copy the appropriate PDF files from the C•CURE 9000 Installation DVD English\Manuals folder.

The available C•CURE 9000 and Software House manuals are listed in the *C•CURE 9000 Installation and Upgrade Guide*, and appear as hyperlinks in the online.pdf file on the C•CURE 9000 DVD English\Manuals folder.

These manuals are also available from the Software House Member Center website

([\[REDACTED\]](#)).

Online Help

You can access C•CURE 9000 Help by pressing F1 or clicking Help from the menu bar in the Administration/Monitoring Station applications.

Software House Customer Support Center

Telephone Technical Support

During the period of the Agreement, the following guidelines apply:

- Software House accepts service calls **only** from employees of the Systems Integrator of Record for the installation associated with the support inquiry.

Before Calling

Ensure that you:

- Are the Dealer of record for this account.
- Are certified by Software House for this product.
- Have a valid license and current Software Support Agreement (SSA) for the system.
- Have your system serial number available.
- Have your certification number available.

Hours	Normal Support Hours	Monday through Friday, 8:00 [REDACTED] to 8:00 [REDACTED], EST. Except holidays.
	Emergency Support Hours	24 hours/day, seven days a week, 365 days/year. Requires Enhanced SSA "7 x 24" Standby Telephone Support (emergency) provided to Certified Technicians. For all other customers, billable on time and materials basis. Minimum charges apply – See MSRP.
Phone	For telephone support contact numbers for all regions, see [REDACTED]	

Introduction

This chapter introduces exacqVision and HDVR.

In this chapter:

Overview 10

Overview

The C•CURE 9000 integration application is used to configure video servers and video cameras. The operator can display video views, video tours, perform PTZ controls and trigger alarm events or camera actions when the camera alarm is activated.

The following is a list of major features supported by this integration:

- Live video
- Simultaneous live and recorded video views from up to 16 cameras
- Export of video to avi and ps format
- Playback of pre-recorded video
- Video control such as PTZ (domes only)
- Video tours
- Video alarms
- PTZ presets based on event, alarm input or video tour

Video Server

This chapter describes how to configure the Video Server.

In this chapter

Creating a Video Folder	12
Accessing the Video Server Editor	13
Video Server Editor	14
Video Server Alarms Tab	18
Video Server State Images Tab	22

Creating a Video Folder

Folders are used to group object configurations.

This section describes how to create a new folder for the Video objects.

To Create a New Video Folder

1. Double-click on the Administration Workstation icon on the desktop to open it.
(Alternately, you can select **All Programs>Tyco>C•CURE 9000>Administration Station**.)
2. Click on the **Video** pane button.
3. Right-click on the **Video** tree and select **Video Folder>New**.
4. Enter a name and description (optional) for the Video folder.
5. Click **Save and Close**.

The new folder is listed under the Video tree.

Accessing the Video Server Editor

This section describes how to access the Video Server Editor, shown in [Figure 1](#) on [Page 14](#), from the Video Tree or from the Dynamic View.

Accessing the Video Server Editor in the Tree View

To Access the Video Server

1. In the **Navigation** pane of the C•CURE 9000 Administration Station, click **Video**. The **Video** pane opens.
2. Expand the Video tree.
3. Right-click on the video folder and select **exacqVision/HDVR Video Server>New** to configure a new Video Server.

Or, open the video folder by clicking on  located to the left of the folder. Right-click on the configured Video Server that you want to access, select **Edit** from the context menu to open the Video Server Editor with the **General** tab available. You can also open a Video Server by double-clicking on its name.

Accessing the Video Server Editor in Dynamic View

To Access the Video Server Editor in Dynamic View

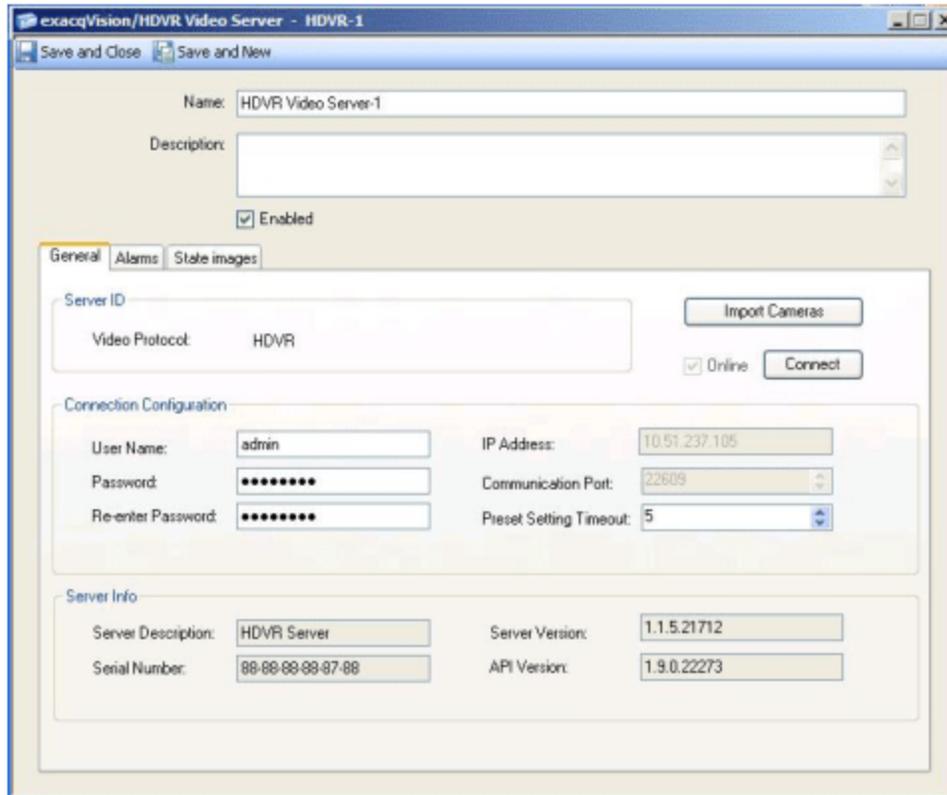
1. In the **Navigation** pane of the Administration Station, click **Video** to open the Video pane.
2. Select **exacqVision/HDVR Video Server** from the Video pane drop-down list.
3. Click  to configure a new Video Server. The Video Server editor opens with the **General** tab available.

Or, Click  to open a Dynamic View showing all configured Video Server objects. Double-click on the Video Server in the list that you want to access and select **Edit** from the context menu. The Video Server editor opens with the **General** tab available.C•CURE 9000

Video Server Editor

The Video Server Editor, shown in [Figure 1](#) on [Page 14](#), lets you create video server objects. You associate the video server objects with camera, alarm and server action objects.

Figure 1: Video Server General Tab



See the following:

- [Video Server General Tab Definitions](#) on [Page 14](#)
- [Video Server Tasks](#) on [Page 15](#)
- [Video Server Alarms Tab](#) on [Page 18](#)
- [Video Server State Images Tab](#) on [Page 22](#)

Video Server General Tab Definitions

[Table 1](#) on [Page 14](#) describes the fields on the Video Server **General** tab.

Table 1: Video Server General Tab Definitions

Fields/Buttons	Description
Name	Enter a unique name up to 100 characters.
Description	Enter a textual description up to 500 characters for the server.

Fields/Buttons	Description
Enabled	If enabled, C•CURE 9000 attempts to communicate with the server. If not enabled C•CURE 9000 does not attempt to communicate with the server.
Server ID	
Video Protocol	Automatically populated with the video protocol.
Import Cameras	Click to import all cameras set up with the current video server. See Importing/Creating a Camera on Page 29 .
Connect	Checks the server connection. If all user credentials are entered and validated, the server is Online.
Online	After the connection is successfully established, indicates the current video server is online.
Connection Configuration	
User Name	Enter the user name of the server. See the <i>Server Quick Start Guide</i> .
Password	Enter the password of the server. See the <i>Server Quick Start Guide</i> .
Re-enter Password	Re-enter the password.
IP Address	Enter a valid IP Address.
Communication Port	Select the communication port number previously configured for remote communication in the video server. Range is 0 to 32767. The default is 22609.
Preset Setting Timeout	Set the period in seconds that the server will try to set presets. Range: 1 to 60 seconds. Default: 5 seconds.
Server Info	
Server Description	Automatically populated with the server information after a successful configuration and connection.
Serial Number	Automatically populated with the Serial Number after a successful configuration and connection.
Server Version	Automatically populated with the server version after a successful configuration and connection.
API Version	Automatically populated with the API version after a successful configuration and connection.

Video Server Tasks

Creating a Video Server

To Create a Video Server

1. In the **Navigation** pane of the C•CURE 9000 Administration Station, click **Video** to open the Video pane.
2. Expand the Video tree. Right-click on the video folder and select **exacqVision/HDVR Video Server>New**.

The Video Server editor opens allowing you create a configuration. For more information about configuration, see [Configuring the Video Server on Page 16](#).

3. After you complete the configuration, click **Save and Close** to save and exit.

Alternatively, if you want to save the Video server and then create a new one, click **Save and New**. The current Video Server is saved and closed, but the Video Server Editor remains open to allow you create a new Video Server.

Deleting a Video Server

To Delete a Video Server

1. In the **Navigation** pane of the C•CURE 9000 Administration Station, click **Video** to open the Video pane.
2. Expand the Video tree. Open the video folder by clicking on  located to the left of the folder.
3. Right-click the Video Server that you want to delete, select **Delete** from the context menu.

A message box appears stating "Are you sure that you want to delete the selected Video Server object?"

4. Click **Yes** in the message box to delete the Video Server.

Deleting a Video Server in Dynamic View

To Delete a Video Server

1. In the **Navigation** pane of the Administration Station, click **Video** to open the Video pane.
2. Select the Video Server from the **Hardware** pane drop-down list.
3. Click  to open a Dynamic View showing all Video Server objects.
4. Right-click on the Video Server that you want to delete, and select **Delete** from the context menu.

A message box appears stating "Are you sure that you want to delete the selected Video Server object?"

5. Click **Yes** in the message box to delete the Video Server.

Configuring the Video Server

To Configure the Video Server

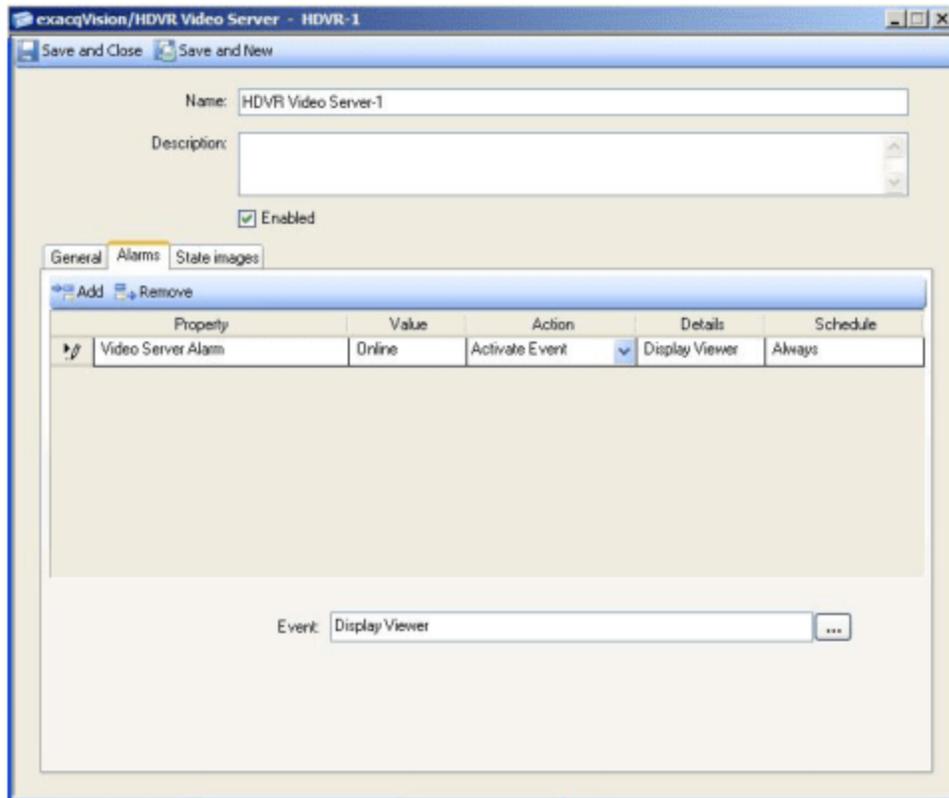
1. Create a new Video Server or open an existing one with the General tab available. See [Creating a Video Server on Page 15](#) and [Video Server Editor on Page 14](#).
2. Enter a unique name up to 100 characters long in the **Name** field.
3. Enter a textual description up to 500 characters for the Video Server in the **Description** field.
4. Click the **Enabled** option to establish communication between C•CURE 9000 and the Video Server.
5. Make the associated configurations in the General tab. See [Video Server General Tab Definitions on Page 14](#).
6. Click the **Alarms** tab to configure alarms for the Video Server. See [Video Server Alarms Tab on Page 18](#).

7. Click the **State Images** tab to view the state images for Video Server. See [Video Server State Images Icons](#) on [Page 22](#).
8. When you finish editing, click **Save and Close** to save the configuration and exit.

Video Server Alarms Tab

The Video Server **Alarms** tab, shown in [Figure 2](#) on [Page 18](#), provides a list of alarms configured for the video server. You must set up server alarms using the vender utility on the video server side before the alarms can be configured in C•CURE 9000.

Figure 2: Video Server Alarms Tab



Video Server Alarms Tab Definitions

[Table 2](#) on [Page 18](#) provides definitions for the fields on Video Server Alarms tab.

Table 2: Video Server Alarms Tab Definitions

Field/Button	Description
Add	Click Add in the Alarms tab to create a new alarm.
Remove	Click Remove in the Alarms tab to delete a selected alarm.
Property	Click in the Property column, and then click  . The Property browser opens displaying properties available for the server. Click a Property to select it and add it to the column. For the Video Server, there is only one property: Video Server Alarm.

Field/Button	Description
Value	Click in the Value column to display a drop-down list of Values associated with the Property that you selected. Click a Value you want to include as a parameter for the trigger to assign it to the column. Two values are available: Online and Offline . NOTE: You must select the Property before you can select the Value .
Action	Click in the Action column to display a drop-down list of valid actions. Click on Action that you want to include as a parameter for the trigger to add it to the column. Two types of actions are available now: Activate Event and Video Camera Action. If you select Activate Event , the lower pane in the Alarm tab displays an Event field for you to define the Action details. See To Configure an Event to Activate on Page 20. If you select Video Camera Action , the lower pane displays two sub-tabs: Camera tab and Action Type tab. See To Create a Video Camera Action on Page 20.
Details	Displays details about how the Action was configured.
Schedule	Only the Always Schedule is available for the Video Server.
Event	Allows you to select an event for the alarm. NOTE: This selection is only available if Activate an Event was selected in the Action column drop-down list. See the <i>C•CURE 9000 Software Configuration Guide</i> for information about events.
Camera tab (available if Video Camera Action was selected in the Action field)	
Server	Specifies the server for the action. Click <input type="button" value="..."/> to open a list of predefined video servers. NOTE: You must select the server before you can select the camera.
Camera	Specify the camera for the action. Click <input type="button" value="..."/> to open a list of predefined video cameras.
Action Type tab (available if Video Camera Action was selected)	
Action Type	Selects the action type, such as Record Camera, Camera Preset Command and Camera Pattern Command. NOTE: Only Record Camera and Camera Preset Command are available. Enter the parameters for the action type. The parameters vary according to the action type selected. See Parameters on Page 19.
Parameters	
Pre Alarm Time	Sets pre-alarm recording time for the camera when you select Record Camera as the action type.
Post Alarm Time	Sets post-alarm recording time for the camera when you select Record Camera as the action type.
Preset	Selects the preset number to set this preset as the object when you select Camera Preset Command as the action type.
Schedule	Only the Always Schedule is available for Video Server.

Table 3 on Page 19 contains an example of an alarm configuration.

Table 3: Alarm Configuration Example

The following Alarms tab settings:				
Property	Value	Action	Details	Schedule

The following Alarms tab settings:				
Video Server Alarm	Online	Activate Event	Display_1	Always
Would create the following Event:				
Anytime (Always Schedule) the Video Server Alarm (Property) equals Online (Value), activate the Event (Action) named Display_1 (Details).				
Display_1 is an Event you select in the Event field.				
For information about how to create and configure an Event, see the <i>C•CURE 9000 Software Configuration Guide</i> .				

Examples of Defining Alarm for a Video Server

To Configure an Event to Activate

1. From the Video Server Editor dialog box, navigate to the **Alarms** tab.
2. Click **Add** in the Alarms tab to create a new alarm.
3. In the **Property** column, select **Video Server Alarm**.
4. In the **Value** column, select **Online**.
5. In the **Action** column, select **Activate an Event**.
6. The lower pane in the **Alarm** tab displays an **Event** field for you to define the **Action** details.

Click  to open the Event dialog box. Select an event (example: Display Viewer) that you want to associate with the alarm. Display Viewer is an event configured in C•CURE 9000 Administration Station. See the *C•CURE 9000 Software Configuration Guide* for information about events.

Once you define the Action details, the **Details** column displays information about how the Action has been configured.

7. Click **Save and Close** to save the configuration and exit.

When the status of Video Server Alarm changes from Offline to Online, the alarm is triggered.

You can find the associated logs, as shown below, in C•CURE 9000 Monitoring Station.

	7/7/2010 1:23:57 PM	NetVideo Activity: server offline on server '106'.
	7/7/2010 1:23:59 PM	NetVideo Activity: server online on server 'HDVR'.
	7/7/2010 1:24:00 PM	Event 'Display Viewer' is active.

To Create a Video Camera Action

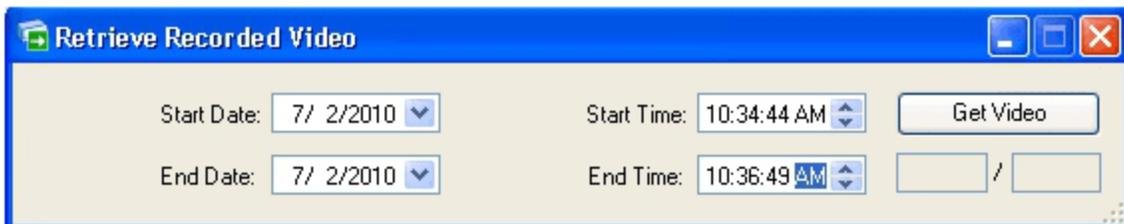
1. From the Video Server Editor dialog box, navigate to the **Alarms** tab.
2. Click **Add** in the **Alarms** tab to create a new alarm.
3. Click  in the **Property** column to open the Video Server dialog box showing Properties available for the server. Select **Video Server Alarm**.
4. Click in the **Value** column to display a drop-down list. Select **Online**.

- Click in the **Action** column to display a drop-down list of valid actions and select Video Camera Action. The lower pane in the **Alarms** tab displays two sub-tabs: **Camera** tab and **Action Type** tab.
- In the **Camera** sub-tab, select a server (for example, with the IP address is 10.51.237.105) and a camera (for example, 01-Camera).
- In the **Action Type** sub-tab, select **Record Camera** as the **Action Type**. Set **Pre Alarm Time** as 5 seconds and **Post Alarm Time** as 2 minutes.
- Click **Save and Close** to save the configuration and exit.
- Take the server offline. After a while, put the server online. When the state changes from offline to online, the configured alarm is triggered.

You can find associated logs in C•CURE 9000 Monitoring Station. According to the journal, the server is online at 10:34:49 AM. The recording starts as 10:34:44 AM. The journal displays the server's IP address instead of its name, as shown below.

	7/2/2010 10:34:46 AM	NetVideo Activity: server offline on server '106'.
	7/2/2010 10:34:49 AM	NetVideo Activity: server online on server 'HDVR'.
	7/2/2010 10:34:50 AM	NetVideo Activity: server record on server '10.51.237.105' camera '01_Camera' start at 7/2/2010 10:34:44 AM last for 125 seconds.

- If you want to check this record, open the popup view window of the 01_Camera. Click  to open the **Recorded** pane. Click **Time Range** and enter the time, as shown below. See [To Retrieve a Recorded Video](#) on Page 37.



- Click **Get Video** to see the recorded video.

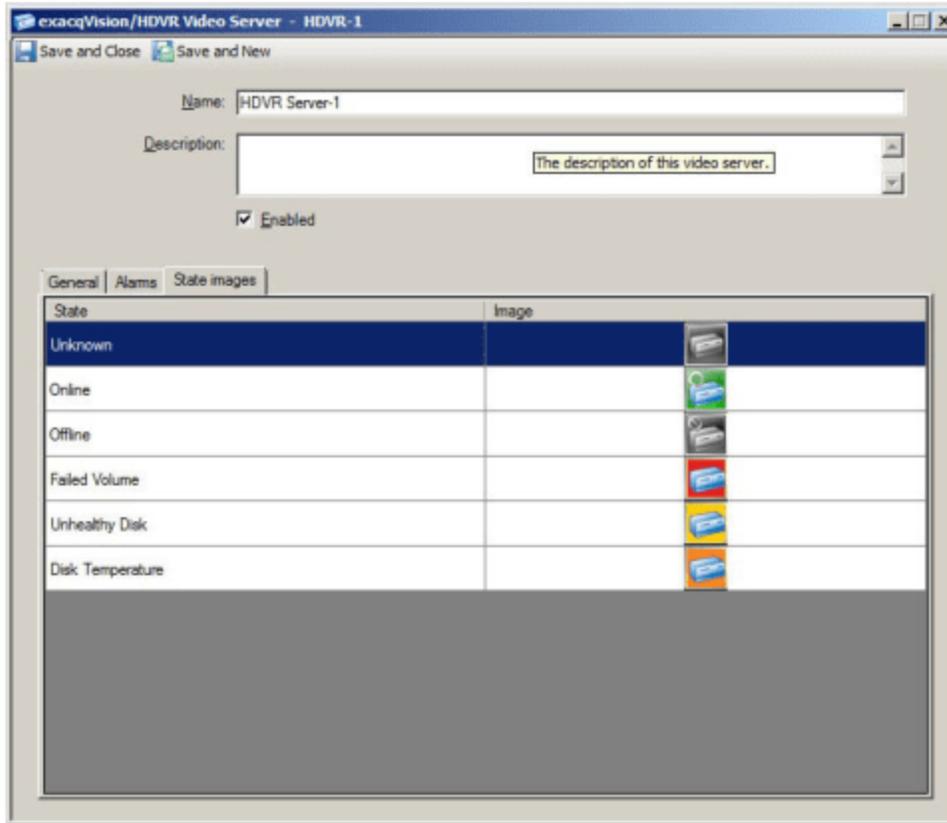
To Remove an Alarm

- From the Video Server editor dialog box, navigate to the **Alarms** tab.
- Use  to select the row in the Alarms table for the alarm you want to remove.
- Click **Remove**.
- Click **Save and Close** to save the configuration and exit.

Video Server State Images Tab

The **State Images** tab, shown in [Figure 3](#) on [Page 22](#), provides a means to change the default images used to indicate the Video Server states on the Monitoring Station.

Figure 3: Video Server State Images Tab



Video Server State Images Icons

[Table 4](#) on [Page 22](#) lists the name and description of each Video Server State Images icon.

Table 4: Video Server State Images Icons

Icon	Name
	Unknown
	Online
	Offline

Icon	Name
	Failed Volume
	Unhealthy Disk
	Disk Temperature

Changing the VideoEdge Server State Image

From the State Images tab, you can change the images that appear in the Monitoring Station that represent the Video Server.

To Change a Video Server State Image

1. From the Video Server State Images tab, double-click on the existing image. A **Windows Open** dialog box appears allowing you to browse for a folder in which you have placed the replacement images.
2. When you locate the replacement image, select it and click **Open** to replace the default image with the new image.
3. Click **Save and Close** to save the configuration.

Restoring the Video Server State Image to the Default Image

To Restore the Video Server State Image to the Default Image

1. In the Video Server State Images tab, right-click on the image and select **Restore Default**.
2. Click **Save and Close** to save the configuration.

Video Camera

This chapter describes how to configure the Video Camera.

In this chapter:

- Accessing the Video Camera Editor26
- Video Camera General Tab27
- Video Camera Editor29
- Video Camera Alarms Tab32
- Video Camera State Images Tab35
- Video Camera Viewer37

Accessing the Video Camera Editor

Accessing the Video Camera Editor in the Tree View

To Access the Video Camera in the Tree View

1. In the **Navigation** pane of the C•CURE 9000 Administration Station, click **Video**. The **Video** pane opens.
2. Expand the **Video** tree.
3. Open the Video folder by clicking on  located to the left of the folder.
4. Right-click on the Video Server and select **exacqVision/HDVR Camera>New** to configure a new camera. The Video Camera editor opens with the **General** tab available.

Or, right-click on the configured camera that you want to access, select **Edit** from the context menu to open the Video Camera Editor with the **General** tab available. You can also open the camera by double-clicking on the camera name.

Accessing the Video Camera Editor in Dynamic View

To Access the Video Camera Editor in Dynamic View

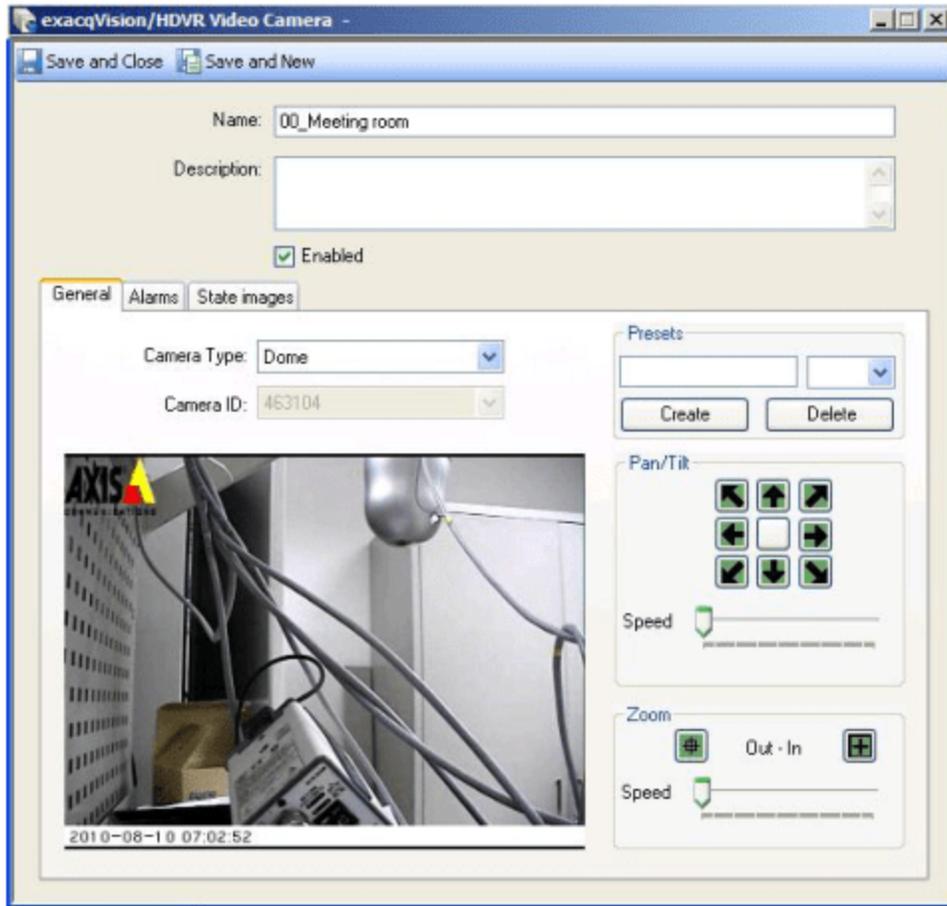
1. In the **Navigation** pane of the Administration Station, click **Video** to open the **Video** pane.
2. Select **exacqVision/HDVR Camera** from the **Video** pane drop-down list.
3. Click  to configure a new camera. The Video Camera editor opens with the **General** tab available.

Or, click  to open a Dynamic View showing all configured camera objects. Double-click on the camera in the list that you want to access and select **Edit** from the context menu. The Video Camera editor opens with the **General** tab available.

Video Camera General Tab

The Video Camera **General** tab, shown in [Figure 4](#) on [Page 27](#) allows you to configure basic settings for cameras.

Figure 4: Video Camera General Tab

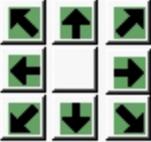
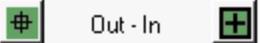


Video Camera General Tab Definitions

[Table 5](#) on [Page 27](#) describes the fields and buttons on the Video Camera **General** tab.

Table 5: Video Camera General Tab

Field/Button	Description
Name	Enter a unique name up to 100 characters long for the Video Camera.
Description	Enter a description up to 500 characters long for the camera.
Enabled	Select the Enabled check box to establish the communication between the video camera and the video server.
Camera Type	Select the camera type from the drop-down list. Two types are available: Fixed and Dome.
Camera ID	The camera ID is automatically populated.

Field/Button	Description
Presets	
Create	Select a preset view. Enter a name for the preset in the left box and click Create to create a new preset.
Delete	Select a preset view in the left drop-down list and click Delete to delete the preset selected.
Pan/Tilt	
	<p>Activates pan and tilt operations for a dome camera. (You can check the image changing in the left image display area.)</p> <ul style="list-style-type: none"> • Use horizontal arrows to move the camera from side to side. • Use vertical arrows to move the camera up and down. • Use diagonal arrows to perform a combination of side to side and up and down motions. <p>NOTE: You can also perform these operations directly in the left image display area by putting the cursor in the image display area and clicking when the cursor becomes the moving arrow.</p>
Speed	Control the tracking speed of the pan/tilt operations. Drag the slider from left to right to change the speed from slow to fast.
Zoom	
	Zoom the image in or out.
Speed	Control the zoom speed.

Creating/Deleting Preset

1. Select a preset position by using the Pan/Tilt arrow.
2. In the box to the left of **Create** , enter a name for the preset and click **Create**
3. The number of the newly created cameras will be automatically added in the Preset drop-down list. You can click the arrow button to open the **Preset** drop-down list to check the number.
4. If you want to delete an existing preset, select the preset from the **Preset** drop-down list.
5. Click **Delete** to delete.

Video Camera Editor

You use the Video Camera Editor to configure basic setting information about cameras.

See the following:

- [Video Camera Tasks](#) on Page 29
- [Video Camera General Tab](#) on Page 27
- [Video Server Alarms Tab](#) on Page 18
- [Video Camera State Images Tab](#) on Page 35

Video Camera Tasks

Accessing the Video Camera Editor

To Access the Video Camera

1. In the **Navigation** pane of the C•CURE 9000 Administration Station, click **Video**. The **Video** pane opens.
2. Expand the **Video** pane. Open the Video folder by clicking on  located to the left of the folder.
3. Expand the tree by clicking on  located to the left of the folder.
4. In the folder, right-click the camera that you want to access, select **Edit** from the context menu to open the Video Camera Editor with the **General** tab available. You can also open the camera by double-clicking on the camera name.

Accessing the Video Camera Editor in Dynamic View

To Access the Video Camera Editor in Dynamic View

1. In the **Navigation** pane of the Administration Station, click **Video** to open the **Video** pane.
2. Select Video Camera from the **Video** pane drop-down list.
3. Click  to open a Dynamic View showing all camera objects.
4. Double-click on the camera in the list that you want to access and select **Edit** from the context menu. The Video Camera editor opens with the **General** tab available.

Importing/Creating a Camera

To Import a Camera

1. Open the Video Server Editor with the **General** tab available.
2. In the **General** tab, click **Import Cameras** to import cameras set up with the current video server.
After a while, a message box appears stating "The camera import is complete. Click Save and Close to take effect."
3. Click **OK**.

4. Click **Save and Close** and re-open the video camera editor to see the imported cameras listed in the tree in the left **Video** pane.

To Create a Camera

1. In the **Navigation** pane of the C•CURE 9000 Administration Station, click **Video** to open the **Video** pane.
2. Open the Video folder by clicking on  located to the left of the folder.
3. Right-click on the folder, select **Video Camera->New**.

The Video Camera editor opens allowing you to configure a camera.

4. After you have configured the camera, click **Save and Close** to save and exit.

Alternatively, if you want to save the video camera and then create a new one, click **Save and New**. The current video camera is saved and closed, but the Video Camera Editor remains open to allow you create a new video camera.

Deleting an Video Camera

To Delete an Video Camera

1. In the **Navigation** pane of the C•CURE 9000 Administration Station, click **Video** to open the **Video** Pane.
2. Open the Video folder by clicking on  located to the left of the folder.
3. Expand the tree by clicking on  located to the left of the folder.
4. In the Tree, right-click the camera that you want to delete, select **Delete** from the context menu.
A message box appears stating "Are you sure that you want to delete the selected camera?"
5. Click **Yes** in the message box to delete the Video Camera.

Deleting a Video Camera in Dynamic View

To Delete an Video Camera

1. In the **Navigation** pane of the Administration Station, click **Video** to open the Video pane.
2. Select Video Camera from the **Video** pane drop-down list.
3. Click  to open a Dynamic View showing all camera objects.
4. In the list, right-click the camera that you want to delete and select **Delete** from the context menu.
A message box appears stating "Are you sure that you want to delete the selected camera?"
5. Click **Yes** in the message box to delete the Video Camera.

Configuring an Video Camera

To Configure an Video Camera

1. In the **Navigation** pane of the Administration Workstation, click **Video** to open the **Video** pane.
2. Select from the **Video** pane drop-down list.

3. Click  to open a Dynamic View showing all Video Camera objects.
4. Double-click on the Video Camera in the list that you want to configure. The Video Camera editor opens.
5. Type a unique name up to 100 characters in the **Name** field.
6. Type a textual description up to 500 characters in the **Description** field.
7. Click the **Enabled** option to establish communication between C•CURE 9000 and the Video Camera.
8. Create a basic Configuration in **General** tab. See [Video Camera General Tab on Page 27](#).
9. Click the **Alarms** tab to configure Alarms for the Video Camera editor panel. See [Video Camera Alarms Tab on Page 32](#).
10. Click the **StateImages** tab to view the state images for Video Camera editor panel. See [Video Camera State Images Tab on Page 35](#).
11. After you finish editing, click **Save and Close** to save the configuration.

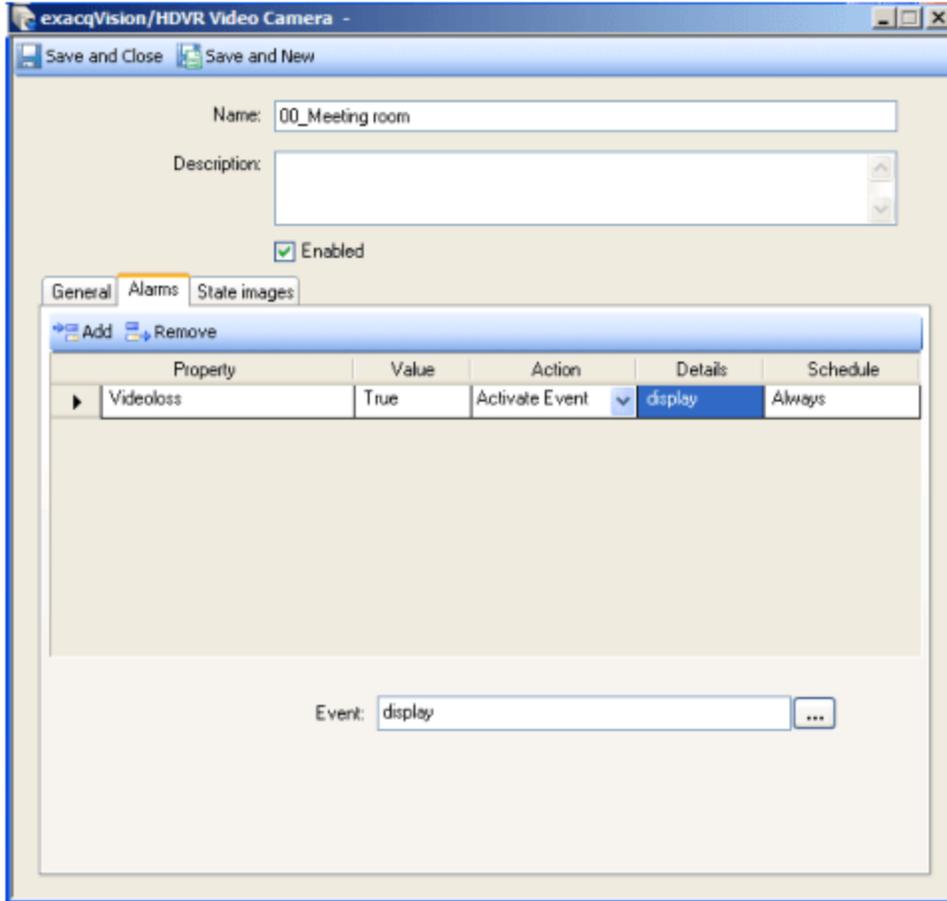
Creating/Deleting Presets

To Create or Delete a Preset

1. Select a preset position by using the Pan/Tilt arrow.
2. In the box to the left of **Create** , enter a name for the preset and click **Create**. The number of the newly created cameras will be automatically added in the Preset drop-down list.
3. Click the arrow button to open the **Preset** drop-down list to check the number.
4. To delete an existing preset, select the preset from the **Preset** drop-down list.
5. Click **Delete** to delete the preset.

Video Camera Alarms Tab

The Video Camera **Alarms** tab, shown in on [Page 34](#), provides a list of alarms configured for this video camera. You must set up camera alarms using the vender utility on the video server side before the alarms can be configured in C•CURE 9000.



Video Camera Alarms Tab Definitions

on [Page 32](#) provides definitions for the fields on Video Camera Alarms tab of the Video Camera.

Table 6: Video Camera Tab

Fields/Buttons	Description
Add	Click Add in the Alarms tab to create a new alarm.
Remove	Click Remove in the Alarms tab to delete a selected alarm.
Property	Click in the Property column, and then click  . The Property browser opens presenting properties available for the panel. Click a Property to select it and add it to the column. There are two properties available:Video Camera Alarm and Videoloss

Fields/Buttons	Description
Value	<p>Click in the Value column to display a drop-down list of Values associated with the Property that you have selected. Click a Value you want to include as a parameter for the trigger to assign it to the column.</p> <p>If you select the property of Video Camera Alarm, click within the Value column to display a drop-down list with four values available for you to select: Normal, Motion, Analytics and Alarm.</p> <p>If you select the property of Videoloss, two values are available: True and False. To enable the value of True, select the check box that appears when you click in the field. To change the value of False, clear the check box.</p> <p>NOTE: You must select the Property before you can select the Value.</p>
Action	<p>Click in the Action column to display a drop-down list of valid actions. Click on Action that you want to include as a parameter for the trigger to add it to the column. Two types of actions are available now: Activate Event & Video Camera Action.</p> <ul style="list-style-type: none"> For more information about Activate Event, see To Configure an Event to Activate on Page 20. For more information about Video Camera Action, see To Create a Video Camera Action on Page 20.
Details	Display details about how the Action was configured.
Schedule	
Event (available if Activate an Event was selected in the Action field)	<p>Allows you select an event for the alarm.</p> <p>NOTE: This field is only available only if Activated an Event was selected in the Action column drop-down list. See the <i>C•CURE 9000 Software Configuration Guide</i> for information about events.</p>
Camera tab (available if Video Camera Action was selected in the Action field)	
Server	<p>Specify the server for the action. Click <input type="button" value="..."/> to open a list of predefined video servers.</p> <p>NOTE: You must select the server before you can select the cameras.</p>
Camera	Specify the camera for the action. Click <input type="button" value="..."/> to open a list of predefined video camera.
Action Type tab (available if Video Camera Action was selected)	
Action Type	<p>Select the action type, such as Record Camera, Camera Preset Command and Camera Pattern Command.</p> <p>NOTE: Only Record Camera and Camera Preset Command are available.</p> <p>Enter the parameters for the action type. The parameters vary according to the action type selected. See Parameters on Page 33.</p>
Parameters	
Pre Alarm Time	Set pre-alarm recording time for the camera when you select Record Camera as the action type.
Post Alarm Time	Set post-alarm recording time for the camera when you select Record Camera as the action type
Preset	Select the preset number to set this preset as the object when you select Camera Preset Command as the action type.

Defining Alarm for a Camera

To Define an Alarm

NOTE

See [Alarm Configuration Example](#) on [Page 34](#).

To Remove an Alarm

1. From the Video Camera dialog box, navigate to the **Alarms** tab.
2. Use  to select the row in the Alarms table for the Alarm you want to remove.
3. Click **Remove**.
4. Click **Save and Close** to save and exit.

[Table 7](#) on [Page 34](#) contains an example of an Alarm configuration.

Alarm Configuration Example

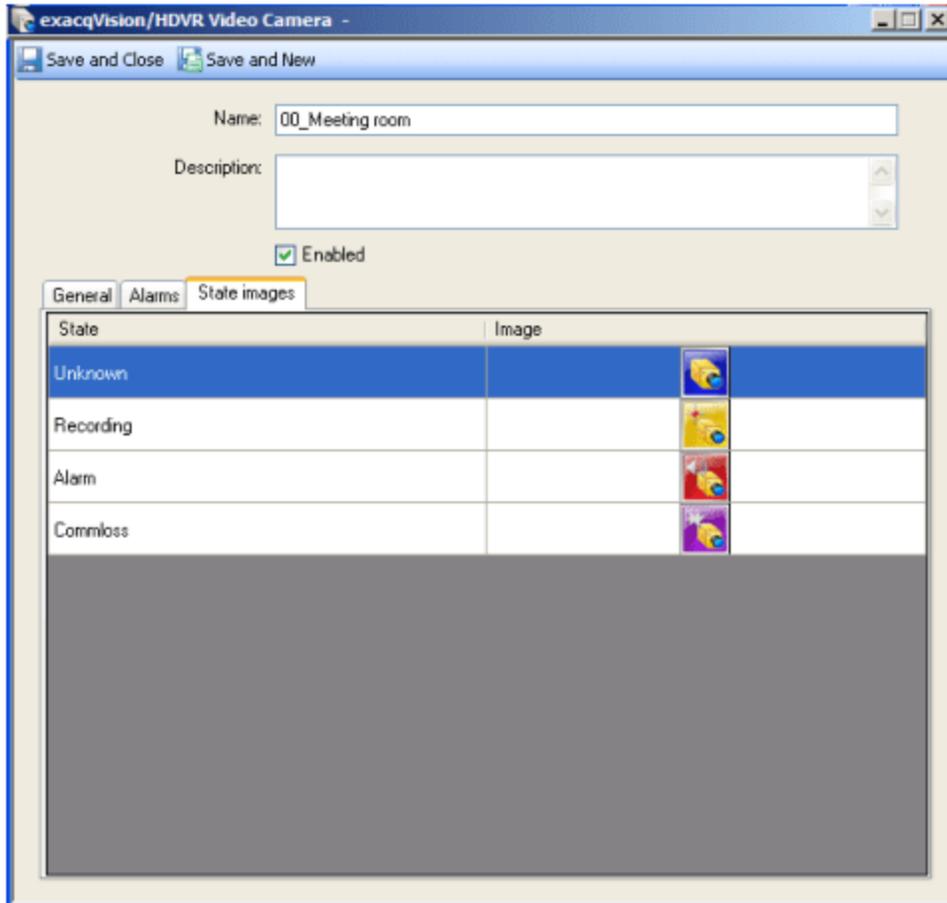
Table 7: Alarm Configuration Example

The following Alarms tab settings:				
Property	Value	Action	Details	Schedule
Video Server Alarm	Online	Activate Event	Display_1	Always
Would create the following Event:				
Anytime (Always Schedule) the Video Server Alarm (Property) equals Online (Value), activate the Event (Action) named Display_1 (Details).				
Display_1 is an Event you select in the Event field.				
For information about how to create and configure an Event, see the <i>C•CURE 9000 Software Configuration Guide</i>				

Video Camera State Images Tab

The **State Images** tab, shown in [Figure 5](#) on [Page 35](#), allows you to change the default images used to indicate the Video Camera states on the Monitoring Station.

Figure 5: Video Camera State Images Tab



Video Camera State Images Icons

[Table 8](#) on [Page 35](#) lists the name and description of each Video Camera State Images icon.

Table 8: Video Camera State Images Icons

Icon	Name	Description
	Unknown	The camera is in unknown state.
	Recording	The camera is recording.

Icon	Name	Description
	Alarm	The camera is in alarm state.
	Commloss	The communication between camera and video server is lost.

Changing the Video Camera State Image

From the Video Camera State Images tab, you can change the images that appear in the Monitoring Station to represent Video Camera.

To Change a Video Camera State Image

1. From the Video Camera State Images tab, double-click on the existing image. A **Windows Open** dialog box appears allowing you to browse for a folder in which you have placed the replacement images.
2. When you locate the replacement image, select it and click **Open** to replace the default image with the new image.
3. Click **Save and Close** to save the configuration.

Restoring the Video Camera State Image to the Default Image

To Restore the Video Camera State Image to the Default Image

1. In the Video Camera State Images tab, right-click on the image and select **Restore Default**.
2. Click **Save and Close** to save the configuration.

Video Camera Viewer

The video camera viewer enables you to view video from all cameras connected to the Video Server in the Administration Workstation.

There are three views that can be accessed from the context menu of a Video Camera:

- **View** displays the video in a Dynamic View.
- **Popup View** displays the video in a Pop-up Window.
- **View in Current Tab** displays the video in the current tab in the content area.

The Video Camera Viewer has the buttons shown in [Table 9](#) on [Page 37](#).

Table 9: Video Viewer Buttons

Click...	To...
	Display camera information on top of the video stream. This function is not available now.
	Take a snap. This function is not available now.
	Retrieve a recorded video. Opens Recorded Video Configuration so that you can select a certain period to retrieve a video. See To Retrieve a Recorded Video on Page 37 .
	Begin to record a video. The camera starts to record a video with pre alarm time 15 seconds and post alarm time 15 seconds.
	Reconnect the camera.
	Export video. See To Export Video on Page 38 .
	Camera PTZ Controls. Use horizontal arrows to move the camera from side to side. Use the vertical arrows to move the camera up and down.
	Zoom the image in or out.
	To access the Camera Presets, click on the arrow located at the end of the top right of the display.

To Retrieve a Recorded Video

To Retrieve a Recorded Video

1. Click  to open a **Recorded** dialog box at the bottom of the window.

2. Click **Time Range**. The **Retrieve Recorded Video** dialog box opens to enter the dates and times to retrieve the recorded video.
3. Click **Get Video** to retrieve the recorded video for the dates and times specified. You are returned to the Video Camera view, and the video starts playing immediately.
 - The **Retrieve recorded video** button  turns red  when the recorded video is playing.
 - Click on  to launch live video.

To Export Video

To Export Video

1. Click  **Export Video**. The **Retrieve Recorded Video** dialog box opens for you to enter the dates and times to retrieve the recorded video that you want to export.
2. Click **Get Video** to open the **Save as** dialog box. Select a folder to save the exported file in drop-down list and enter the file name.
3. Click **Save** to finish.

Video View

This chapter describes how to create and configure a Video View with the Video Camera.

In this chapter

Video View40

Video View

A Video View is a view from a camera or group of cameras. It serves as a building block to construct a video tour.

The Video View Editor is shown in [Figure 6](#) on [Page 40](#), and the fields and buttons are described in [Table 10](#) on [Page 40](#).

Figure 6: Video View

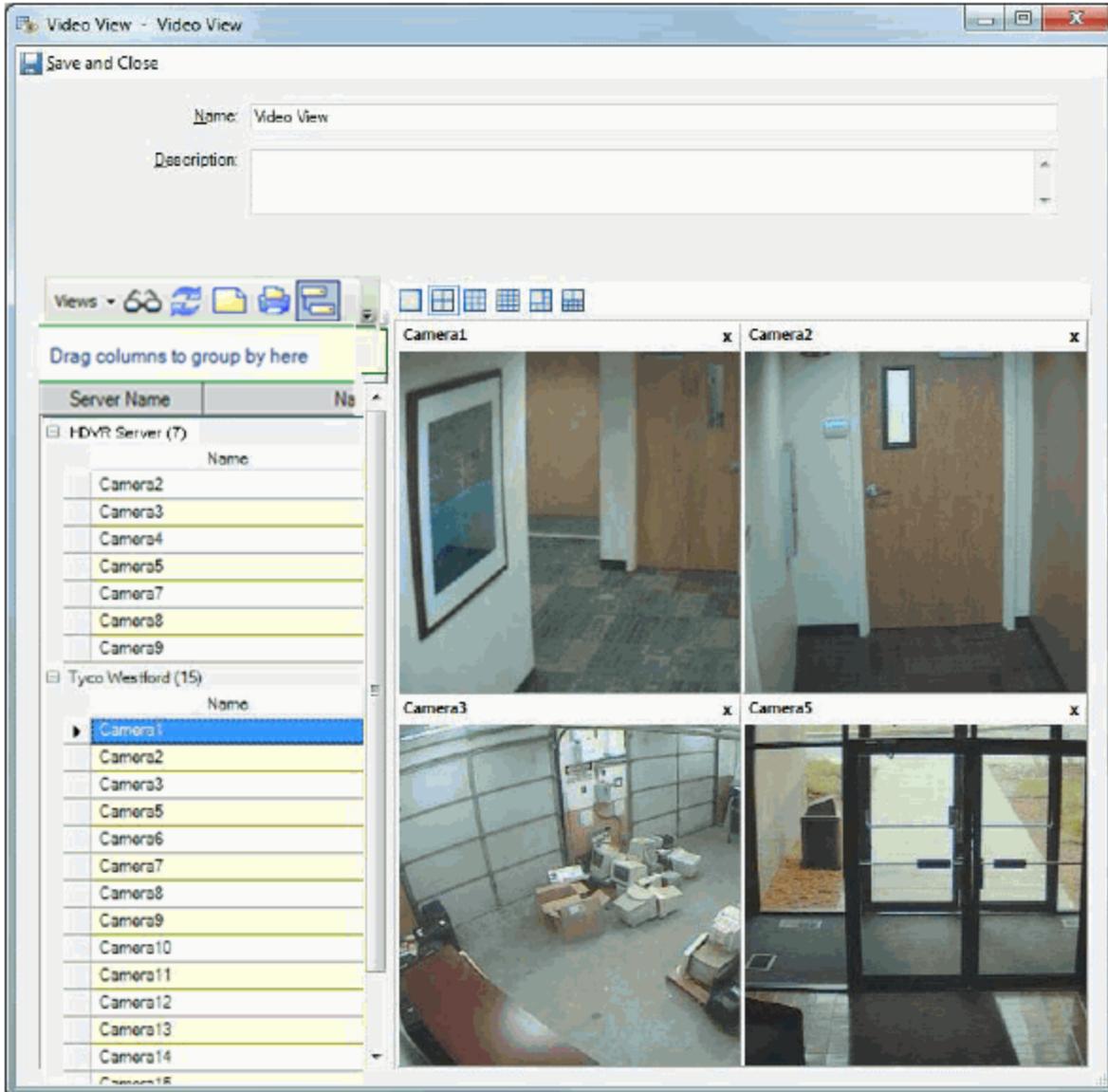


Table 10: Video View Editor Definitions

Fields/Buttons	Description
Name	Enter a unique name, up to 100 characters long, to identify the Video View.
Description	Enter a description, up to 500 characters, to identify the Video View.

Table 10: Video View Editor Definitions (continued)

Fields/Buttons	Description
Server Name Name	<p>Lists all the video hardware in the tree starting with the video server and the cameras connected to it in rows. This is the default view.</p> <ul style="list-style-type: none"> To add a camera to the view grid in the tree view (the default view, you must click on the row to highlight it, and then click on it again to drag and drop the camera into the view grid. To view the name of the server and the cameras assigned to it in a dynamic view, as shown in Figure 6 on Page 40, drag Server Name to the Drag columns to group by here area. To view all the cameras by name in a dynamic view, drag Name to the Drag columns to group by here area. The cameras are listed in row format. You can click on the  next to a camera to view the server name that the camera is connected to. Multiple camera can be selected in the dynamic view by holding down the Shift key and Ctrl click on each one and then drag and drop the selection to the grid. Dragging and dropping a server in the dynamic view to the grid populates the grid with all the cameras configured on that server.
	<p>Enables you to select the number of cameras displayed inside the view. After you select a view grid type, the appropriate view grid appears in the view area. Each grid is linked to a camera and shows the video for that camera. Without a link to the camera, the grid remains blank. You can choose 1x1, 2x2, 3x3, 4x4, 1x5 and 2x8 grid types.</p>
<p>See the C•CURE 9000 Data Views Guide for descriptions of the Dynamic View buttons. Hovering the mouse cursor over the button gives you a brief description.</p>	

Accessing the Video View Editor

To Access the Video View Editor

1. In the **Navigation** pane of the C•CURE 9000 Administration Station, click **Video** to open the **Video** pane.
2. Expand the Video tree. Open the Video folder by clicking  located to the left of the folder.
3. Open the Views folder by clicking  located to the left of the folder.
4. In the Views folder, right-click on the Video View that you want to access, select **Edit** from the context menu to open the Video View Editor.

Accessing the Video View Editor in Dynamic View

To Access the Video View Editor in Dynamic View

1. In the **Navigation** pane of the Administration Station, click **Video** to open the **Video** pane.
2. Select **Video View** from the **Video** pane drop-down list.
3. Click  to open a Dynamic View showing all Video View objects.
4. Double-click on the **Video View** in the list that you want to access, and select **Edit** from the context menu. The Video View Editor opens.

Creating a Video View

To Create a Video View

1. In the **Navigation** pane of the C•CURE 9000 Administration Station, click **Video** to open the **Video** pane.
2. Open the video folder by clicking on  located to the left of the folder. In the Video folder, right-click the **Views** and select **New**.
3. The Video View editor opens, allowing you create a new view. For more information, see [Configuring a Video View on Page 42](#).
4. After you complete the configuration, click **Save and Close** to save the configuration and exit.

Alternatively, if you want to save the video view and then create a new one, click **Save and New**. The current video view is saved and closed, but the Video View Editor remains open to allow you create a new Video view.

Deleting a Video View

1. In the **Navigation** pane of the C•CURE 9000 Administration Station, click **Video** to open the **Video** Pane.
2. Open the video folder by clicking on  located to the left of the folder.
3. Open the Views folder by clicking on  located to the left of the folder.
4. In the Video Tree, right-click on the Video View that you want to delete, select **Delete** from the context menu.
A message box appears stating "Are you sure that you want to delete the selected Video View object?".
5. Click **Yes** in the message box to delete the view.

Deleting a Video View in Dynamic View

To Delete a Video View

1. In the **Navigation** pane of the Administration Station, click **Video** to open the Video pane.
2. Select **Video View** from the **Video** pane drop-down list.
3. Click  to open a Dynamic View showing all View objects.
4. In the list, right-click on the View that you want to delete and select **Delete** from the context menu.
A message box appears stating "Are you sure that you want to delete the selected Video View object?".
5. Click **Yes** in the message box to delete the view.

Configuring a Video View

To Configure a Video View

1. Create a new View or open an existed View. See [Creating a Video View on Page 42](#) , [Accessing the Video View Editor on Page 41](#) or [Accessing the Video View Editor in Dynamic View on Page 41](#).

2. Enter a unique name, up to 100 characters, in the **Name** field.
3. Enter a textual description, up to 500 characters, in the **Description** field.
4. Click to select a view grid type, which will display in the area below the View Grid Type toolbar.
5. Click **Save and Close** to save the configuration and exit.

To Delete a Camera from the View

1. After you successfully add a camera, the camera name and a  (x) appears on the top of the image.
2. To delete the camera from the view, click  (x).
3. Click **Save and Close** to save the configuration and exit.

Video Tour

This chapter describes how to create and configure a Video Tour with the Video Camera.

In this chapter

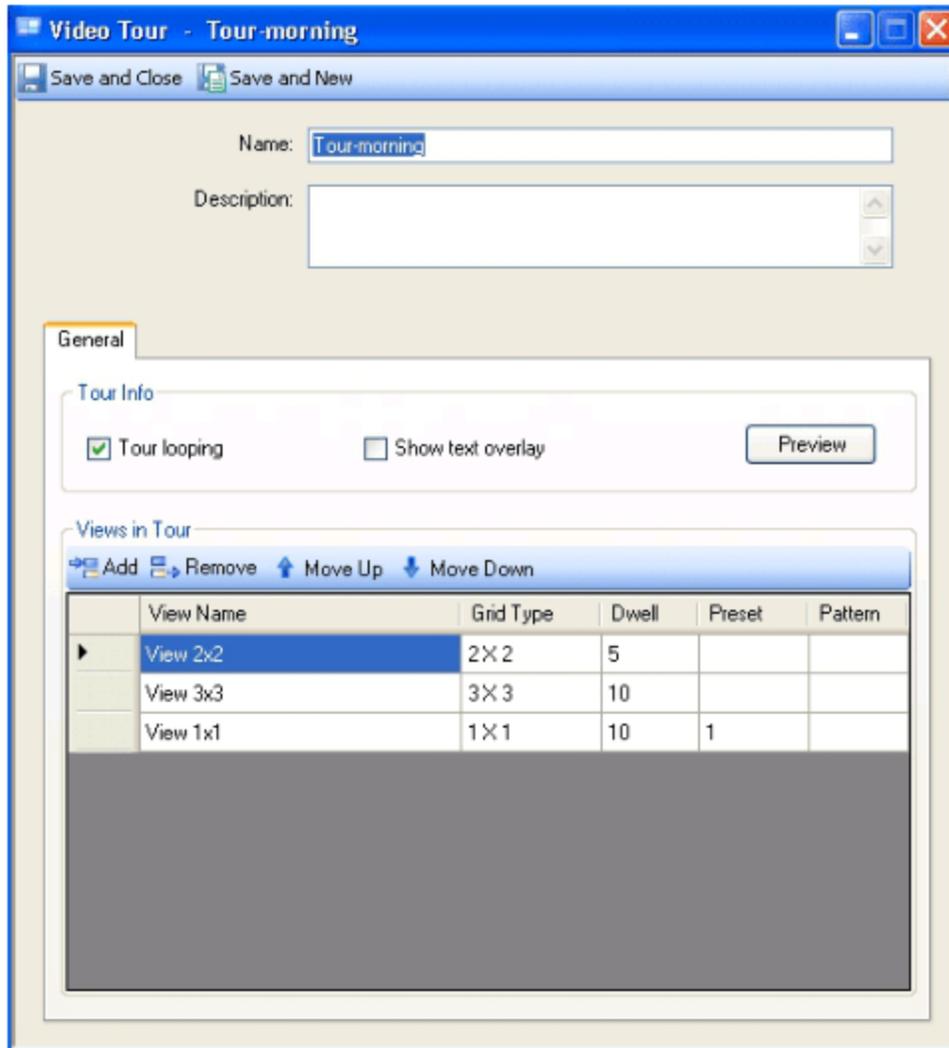
Video Tour	46
Video Tour General Tab	49

Video Tour

A video tour is a list of views in sequence for a user- defined dwell time in a Live Video Window. This feature enables you to view live video from a configured collection of views that are configured to display different cameras and camera groups in a time sequence.

Beginning with the first camera, video is displayed for a fixed amount of time before automatically advancing to the next camera. This process continues until the last camera in the tour is reached, or indefinitely if looping is enabled. Looping is the ability for a user to continuously replay the video tour.

Figure 7: Video Tour



Accessing the Video Tour Editor

To Access the Video Tour Editor

1. In the **Navigation** pane of the C•CURE 9000 Administration Station, click **Video** to open the **Video** Pane.

2. Expand the Video tree. Open the Video folder by clicking on  located to the left of the folder.
3. Open the Tours folder by clicking on  located to the left of the folder.
4. In the Tour Tree, right-click on the Tour that you want to access, select **Edit** from the context menu to open the Video Tour Editor.

Accessing the Video Tour Editor in Dynamic View

To Access the Video Tour Editor in Dynamic View

1. In the **Navigation** pane of the Administration Station, click **Video** to open the **Video** pane.
2. Select **Video Tour** from the Video pane drop-down list.
3. Click  to open a Dynamic View showing all Video Tour objects.
4. Double-click on the Video Tour in the list that you want to access, and select **Edit** from the context menu. The Video Tour Editor opens.

Creating a Video Tour

To Create a Video Tour

1. In the **Navigation** pane of the C•CURE 9000 Administration Station, click **Video** to open the **Video** pane.
2. Open the Video folder by clicking on  located to the left of the folder. In the Video folder, right-click on **Tours** and select **New**.
3. The Video Tour editor opens, allowing you create the configuration. For more information about configuration, see [Configuring a Video Tour](#) on [Page 48](#).
4. After you finish the configuration, click **Save and Close** to save the configuration and exit.

Alternatively, if you want to save the video tour and then create a new one, click **Save and New**. The current video tour is saved and closed, but the Video Tour Editor remains open to allow you create a new video tour.

Deleting a Video Tour

1. In the **Navigation** pane of the C•CURE 9000 Administration Station, click **Video** to open the **Video** pane.
2. Open the Video folder by clicking on  located to the left of the folder.
3. Open the Tours folder by clicking on  located to the left of the folder.
4. In the Tour Tree, right-click on the Tour that you want to delete, select **Delete** from the context menu.
A message box appears stating "Are you sure that you want to delete the selected Video Tour object?".
5. Click **Yes** in the message box to delete the tour.

Deleting a Video Tour in Dynamic View

To Delete a Video Tour

1. In the **Navigation** pane of the Administration Station, click **Video** to open the **Video** pane.
2. Select **Video Tour** from the Video pane drop-down list.
3. Click  to open a Dynamic View showing all Tour objects.
4. In the list, right-click on the Tour that you want to delete, and select **Delete** from the context menu.
A message box appears stating “Are you sure that you want to delete the selected Video Tour object?”.
5. Click **Yes** in the message box to delete the tour.

Configuring a Video Tour

To Configure a Video Tour

1. Create a new tour or open an existed tour. See [Creating a Video Tour on Page 47](#), [Accessing the Video Tour Editor on Page 46](#) or [Accessing the Video Tour Editor in Dynamic View on Page 47](#).
2. Enter a unique name, up to 100 characters, in the **Name** field.
3. Enter a textual description, up to 500 characters, in the **Description** field.
4. Create a configuration in the **General** tab. See [Video Tour General Tab on Page 49](#).
5. Click **Save and Close** to save the configuration and exit.

Video Tour General Tab

The Video Tour **General** tab lets you configure the Video Tour properties.

Video Tour General Tab Definitions

Table 11 on Page 49 provides definitions for the fields on the Video Tour **General** tab.

Table 11: Video Tour General Tab Definitions

Field	Description
Name	Enter a unique name up to 100 characters long to identify the Video Tour.
Description	Enter a description up to 500 characters to identify the Video Tour.
Tour looping	If you select Tour Looping, the Video Tour continuously starts over again after the final camera is displayed. If not checked, the tour runs only once.
Show text overlay	If you select Show Text Overlay, predefined text appears over video. This function is not available.
Preview	Allows you to preview the tour. A separate window is created and displays all the views of the tour one-by-one in sequence. See Preview Window on Page 49
Add	Click to open the Video Tours Editor to add Video View to tour.
Remove	Removes Video View from the tour.
Move Up	In the view list, click the cell to the left of a View to select the View. Then click Move Up to move the selected video view up in the view sequence.
Move Down	In the view list, click the cell to the left of a View to select the View. Then click Move down to move the selected video view down in the view sequence.

Preview Window

All the views of the tour are displayed one-by-one in the preview window, as shown in [Figure 8 on Page 50](#).

Figure 8: Preview Window

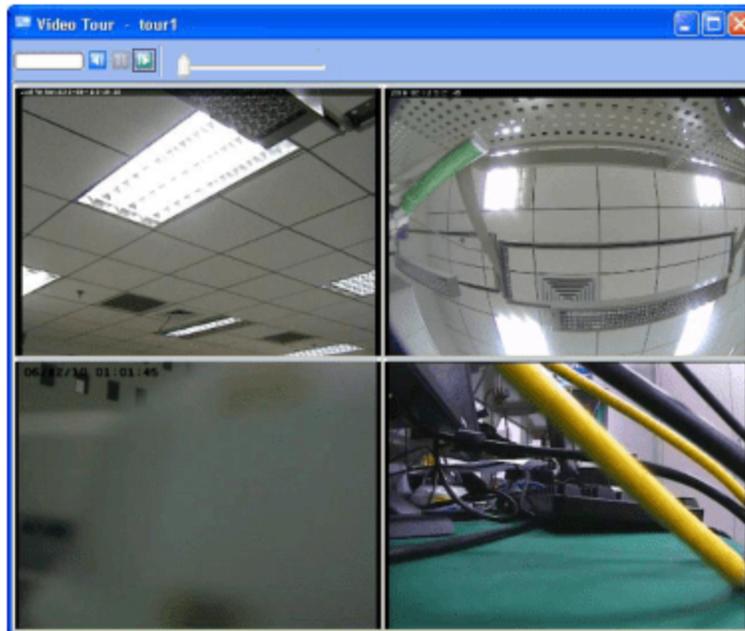


Table 12 on Page 50 describes the buttons and bars on the Preview window.

Table 12: Review Window Definitions

Buttons/Bars	Description
	Progress bar. Show the display progress of a video view.
	Reverses the video.
	Pauses the video.
	Forwards the video.
	As videos of the tour display one by one, the slide automatically moves.

Journal Messages

This Appendix lists and describes the journal messages reported to the C•CURE 9000 database.

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Journal Messages Definitions

Table 13 on Page 52 lists the Journal Messages that can be reported by the Integration products to the C•CURE 9000 database.

In Table 13 on Page 52, objects, such as, panel name, point name, or computer name are represented by the "#" symbol. The actual value for the object property will replace the "#" in the Journal.

Table 13: Integration Journal Messages Definitions

Message Type	Object	State Change	Message
System Activity			SoftwareHouse CrossFire Video Driver Service started on computer {#}.
			SoftwareHouse CrossFire Video Driver Service stopped on computer {#}.
System Error			SoftwareHouse CrossFire Video Driver Service started failed on computer {#}.
			SoftwareHouse CrossFire Video Driver Service stopped failed on computer {#}.
NetVideo Activity	Video Server	Online	Server online on Server {#}.
		Offline	Server offline on Server {#}.
	Video Camera	Recording	Server record on server {#} camera {#} start at mm/dd/yy hh:mm:ss AM(PM) last for XX seconds.
		Unknown	Server record end on video camera{#}.
		Commloss	Camera videoloss alarm started on VideoCamera {#}.
		Unknown	Camera videoloss alarm ended on VideoCamera {#}.
		Alarm	Camera motion alarm started on VideoCamera {#}.
		Unknown	Camera motion alarm ended on VideoCamera {#}.
		Unknown	Preset cmd on VideoCamera {#}.