Video Sphere

Intelligent Video Management



User Manual



Software versions: VMS 2.1.1 - SiteManager 3.4.0

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Company Overview

March Networks® (TSX:MN) is a global provider of intelligent IP video solutions. For close to a decade, the company has helped some of the world's largest commercial and government organizations transition from traditional CCTV to networked video surveillance used for advanced security, loss prevention and risk mitigation. VideoSphere®, the company's enterprise-class video management portfolio, includes open-platform VMS software complemented by high-definition IP cameras, encoders, video analytics and recording platforms, as well as outstanding professional and managed services. March Networks systems are delivered through an extensive distribution and partner network and currently support over one million channels of video in more than 50 countries. *www.marchnetworks.com*

Our Commitment to a Green Tomorrow

March Networks takes pride in its commitment to social responsibility and environmental sustainability. Our employees, suppliers and valued partners are passionate about designing environmentally friendly solutions for our customers and minimizing the company's carbon footprint.

We embrace environmental sustainability as part of our overall strategy and business values with multiple initiatives to ensure that we do our part to create a cleaner, healthier environment for future generations. The steps we have taken affect all aspects of our organization and involve our senior management team, employees, suppliers, partners and customers. You can receive further details at:

Company General: http://www.marchnetworks.com/resources/default.aspx?id=81

Product Specific: http://www.marchnetworks.com/Files/RoHS-WEEE_Compliance_Statement_EN.pdf

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Welcome to SiteManager

SiteManager is an advanced client used to access an unlimited numbers of cameras, servers or devices in a digital, multi-site CCTV installation. The software delivers full remote control of all networked VideoSphere IP cameras, recorders, and encoders and supports a range of intelligent video analytics available in the VideoSphere portfolio. SiteManager is completely integrated with the VideoSphere VMS functions and acts as a powerful operator interface for the software.

Understanding SiteManager

Using SiteManager an operator can:

- Manage and control networked digital systems
- Retrieve video streams archived on VMS enhanced devices
- Monitor alarms coming from a VMS server
- Manage video walls using the VideoSphere Edge Decode Station
- Create interactive maps of the monitored locations

Device Installation, Configuration, and Maintenance

Adding a VMS to SiteManager is a quick and easy operation; as a VMS server is connected and assigned to the application, it is automatically enabled and can be controlled by SiteManager.

As part of your system installation, programming, and maintenance tasks, you can:

- Locally or remotely access each VMS server and verify that the server is working properly. For example, you can view video or test an alarm.
- Customize the peripheral settings to better meet your organization's needs.
- Ensure the VMS server is functioning properly.
- Configure a series of automatic actions in response to alarms.

Multi-Site Management of Devices

SiteManager lets you manage devices at different sites from one central location. This can be accomplished in two ways:

- By directly communicating with each VMS server on the network.
- By communicating through an Enterprise Service Manager (ESM), which is in constant communication with each of the devices.

From SiteManager you can:

- Access a system-wide status of devices, both connected to a VMS or stand-alone. Alarms can also be received in real-time and acknowledged by operators performing a series of custom operations configured by the system administrator.
- View video streams coming from the VMS digital channels, arrange them in custom layouts, and send them to monitors on the network.
- Configure interactive 2D and 3D maps to provide an outstanding overview of the monitored locations.
- Retrieve archived video streams from every VMS server to the software, and perform a multiple and synchronized playback of the recorded video streams.
- Fully control PTZ cameras using the mouse or an external device, such as a keyboard or a joystick.

Understanding the Product Suite

The following table highlights the relationship between the VMS, SiteManager and the components used in a typical VideoSphere installation.

Component	Description			
VMS servers, encoders, and IP cameras				
VMS	Software that runs on a server to support the recording, storage, retrieval, and management of evidence. Evidence is streamed to VMS servers by IP cameras and encoders over a network connection.			
Encoders	Devices that capture and stream audio and video from connected analog cameras and peripherals to the VMS server over a network connection.			
IP cameras	Cameras that stream video to the VMS server over a network connection.			
Device installation, con	figuration, and management tools			
Web Setup	A configuration and maintenance tool that allows you to configure and maintain VideoSphere IP cameras and enco The Web Setup is accessed using an Internet browser, such Microsoft [®] Internet Explorer [®] .			
RemoteControl	A configuration and management tool that allows you to connect to a VMS server and configure it.			
Administrator Console	A configuration and maintenance tool that lets you configur VMS server to communicate with an ESM, and lets you centra monitor software licenses stored on the ESM.			
ESM	Enterprise Service Manager. A server application that lets y monitor and maintain VMS servers on your network, at one more sites.			
Evidence retrieval and v	viewing			
SiteManager	An evidence retrieval and viewing tool that allows you to quickly access live and recorded video stored on the VMS se			

VideoSphere Product Suite

Compatible Devices

SiteManager can manage the following devices:

- Any server enhanced by the VideoSphere VMS software
- A group of servers managed by an ESM
- Any VideoSphere NVR
- Any VideoSphere camera
- Any VideoSphere encoder
- Any VideoSphere decode station
- Third-party cameras compatible with the VideoSphere encoders and VMS

What does this Guide Provide?

This guide outlines the configuration, maintenance, and administration activities that administrators can perform to set up devices.

This guide is intended for all VMS installers, administrators, and operators.

This guide refers to the VMS software - version 2.1.1, and to the SiteManager software - version 3.4.0

Other Available Publications

Additional VideoSphere software publications are available in PDF format on the software CD.



Installing, Uninstalling, and Starting SiteManager

This chapter describes how to install, uninstall, and start SiteManager. It also describes how to upgrade from version 3.3.0 (VMS 2.1) to version 3.4.0 (VMS 2.1.1).

Reviewing the System Requirements

Before you install SiteManager, ensure your computer meets the recommended requirements. The following table outlines the system requirements.

Note: We strongly recommend that you install both SiteManager and RemoteControl on your computer. For RemoteControl system requirements and installation instructions, see the *VideoSphere VMS 2.1.1 Configuration Guide*. We also recommend you not to install SiteManager directly on the VMS server.

Requirements	Description	
Operating system (OS)	Microsoft Windows XP® or Vista®	
Software	Microsoft Internet Explorer® 7 or greater, or an ActiveX® compliant browser	
Processor (CPU)	Intel Pentium [®] 4 running at 2.8 GHz or higher	
HDD space	From 50 MB to 112 MB, according to the VideoSphere client applications being installed	
Network interface	Any Windows XP/Vista-compatible network interface	

System Requirements - Client Applications

Requirements	Description
Video	Any Windows XP/Vista-compatible video card (64 MB minimum) capable of 24-bit color depth (true color) and compatible with Microsoft® DirectX® 8 or later
Audio	Any Windows XP/Vista-compatible sound card, speakers, and/or microphone
Input devices	Any Windows XP/Vista-compatible keyboard Any Windows XP/Vista-compatible mouse

System Requirements - Client Applications

Installing SiteManager

Use your March Networks CD to install SiteManager on your computer.

To install SiteManager

- 1 Insert your March Networks CD into the computer's CD-ROM drive.
- 2 Double-click the **SiteManager** icon.
- 3 Select the installation language and then follow the installation wizard prompts to install the application.

During the installation, choose one of the following options:

- Standard. Recommended for most users.
- **Custom**. For advanced users. When you select this option you can choose which features will be installed on your computer.
- **Full.** Choose this option to install all of the features on your computer. If you are planning to use an ESM to centrally monitor your VideoSphere devices, or add March Networks' 3000-4000 Series DVRs/NVRs, you must choose the **Full** option.
- 4 After the installation completes, you must reboot your computer. However, if you do not plan on using SiteManager immediately, you can choose to reboot your computer later.

Upgrading SiteManager

Use your March Networks CD to upgrade the SiteManager application on the clients .To upgrade from version 3.3.0 to version 3.4.0, it is not required to uninstall the previous software version and SiteManager is able to keep its previous configurations.

WARNING: We strongly recommend you backup your SiteManager configuration before upgrading from version 3.3.0 to version 3.4.0!

Note: You must apply this procedure on every client where a SiteManager - version 3.3.0 has been installed.

To Save the SiteManager Configuration File

1 Log out SiteManager by clicking **User** on the menu toolbar and selecting **Logout**.

<u>U</u> ser	Server	Group	<u>М</u> ар	⊻iew
L	ogout			
C	hange p	assword		
8 Accounts management				
9	iave conf	iguration	n now	-

After a few seconds the current user is disconnected from the application.

2 Click **Tools** on the menu toolbar and select **Export configuration**.



3 SiteManager asks for a confirmation before continuing the export process. Type the administrator's password and click **Export**.

Export configuration	X
Admin password:	
	Export

A saving window appears.

4 Select the destination folder and click **Save**. After a few seconds the configuration is saved in a cab file.

To upgrade SiteManager

- 1 Insert your March Networks CD into the computer's CD-ROM drive.
- 2 Double-click the icon that corresponds to the SiteManager application.
- 3 Follow the standard installation procedure as described in "Installing SiteManager" on page 6.

Uninstalling SiteManager

If you no longer need SiteManager, you can remove it using the **Add or Remove Programs** option in your computer's control panel. For information about removing programs, see the documentation accompanying Microsoft Windows.

Starting SiteManager

To start SiteManager, click the shortcut icon that has been inserted into the *Start* menu, under *March Networks*.

When you start SiteManager, you must specify user name and password. By default, the user name is **admin** and no password is required. We strongly recommend you change the user name and password after you start SiteManager. For more information, see "Changing the Administrator Password" on page 9.

WARNING: If you attempt to log on with incorrect credentials, you are automatically locked out of the SiteManager for ten minutes after three attempts.

lser login		
Video Sphere		SITEMANAGER
		MARCH
	Login: admir	и ОК
	Password:	Cancel



Protecting the SiteManager Security

This chapter provides information about two very important security configurations: password changes and creating new user accounts. We recommend you perform the procedures described in this chapter the first time you run SiteManager to protect the security of your network.

Changing the Administrator Password

It is very important that you protect the security of your network by changing the SiteManager administrator password as soon as possible.

To change the administrator password

1 Click User on the menu toolbar and select Change password.



A dialog box appears.

New password:	
Confirm password:	

- 2 Type the **New password**, and retype it in the **Confirm password** field.
- 3 Click **OK**.

Specifying the Number of Logon Attempts

For security purposes, you can configure SiteManager to lock a user out of the application after a specified number of unsuccessful logon attempts.

To specify the number of logon attempts

1 Click **Tools** on the menu toolbar and select **Options**.

Tools	Window	Help
G3 A	tiveX mana	ger
5 ° 56	earch	
Ø Br	owser	
ъ ⁸ IC	s table	
🗏 Lo	og explorer.	N
0	ptions	
St	art desktop:	recording

2 On the **General** tab select the values for the **Login retry limit** and the **Lockout duration**. By default, users are locked out for 10 minutes after three unsuccessful logon attempts.

Screen recorde	er Window recorder	Config	guration	Visualization	Proxy settings
General	Input devices	Log	Alarm	notification	SMTP settings
Language Choose a lar user interface	iguage for the application a:	English		~	
Video display p	priority				
Lev	rel 🔉				
	Normal High Enable automatic turn off ol		critical eo streams		
Login rel	try limit: 3	Lockout	t duration (r	ninutes): 10	•
		OK		Cancel /	Apply

3 Click OK.

Creating New User Accounts

To further increase network security, you can create user accounts and specify the associated permissions.

To create a new user account

1 Click **User** on the menu toolbar, select **Accounts management**.



The account editor appears.

24 &x	Account F	rivileges		
admin		Login: admin		Rename
	Fu	II name: SiteManag	er administrator	
		Reset pa	ssword	
		User ca	nnot change pas:	sword
		🗹 Enabled		
		🔲 Interacti	ve timeout	2 🗇 minutes

2 Click the ^A button to create a new user account. The **New User** dialog box appears.

New account	X
Enter user name	
OK Cancel	

3 Type the account user name and click **Ok**. You can change the user name any time clicking **Rename**.

Note: The Full name field is not mandatory.

Account	Privileges	
	Login:	John Rename
	Full name:	
		Reset password
		User cannot change password
		💌 Enabled
		Interactive timeout 2 3 minutes

4 Click **Reset password** to specify or change the password for the account.

Note: After creating the account, no password is specified by default.

A dialog box appears. Type the **New password**, retype it in the **Confirm password** field, and click **Ok**.

Change user pass	word
New password:	
Confirm password:	
	OK Cancel

- 5 Select the **User cannot change password** check box to prevent users from changing the password for their accounts.
- 6 You can also configure an automatic disconnection of the account after a specified time period, by selecting the **Interactive timeout** check box and specifying the time period (in minutes).

Tip: You can also deactivate an account without deleting it by clearing the **Enabled** check box.

7 Click the **Privileges** tab to configure the account's permissions by selecting the permission check boxes.



Note: Click the **Permission** presets button to select one of the pre-configured permission levels. The following table provides descriptions of the permission levels.

Account Type	Permission Level
User	The operator can access VMS servers and resources, but cannot add or edit them.
Power user	The operator can use every feature of the program, but cannot create or configure user accounts.
All	The operator has no restrictions in using, adding, or editing resources. The operator has no restrictions in creating new user accounts.
None	The operator's permissions are manually set by selecting the permissions check boxes.

Permission Levels

8 You can also copy a permission set from another user account. Click the **Permission** presets button, point to **Same as**, and select the user account.

Account Privile	ges
Permissions pres	ets 🝷
None	1
User	nterface Ip
Power user	P
All	
Same as	Josh

9 Click **OK** to confirm the account creation.

Chapter 3: Protecting the SiteManager Security



Saving the SiteManager Settings

SiteManager automatically saves its configuration settings when you close the application. The saved configuration settings include servers you have added or edited, maps, views, and resource sequences you have created, and additional SiteManager actions you have performed.

If you plan to keep SiteManager running for a long time and do not want to lose your configuration settings, you can save them.

You can also save your configuration settings in a shared folder to automatically synchronize all the SiteManager applications installed over the network.

Saving the SiteManager Configuration Settings

You can instantly save the SiteManager configuration settings with a simple procedure. This operation is useful if you plan to run SiteManager for a long time.

To save the SiteManager configuration settings

• On the **User** menu, click **Save configuration now**.

The SiteManager configuration settings are saved. When you close and reopen the application, the application uses your saved settings.



Sharing the SiteManager Configuration Settings

You can also share the SiteManager configuration settings with the other SiteManager applications installed on clients over the network. This operation is useful when you want to automatically synchronize the configuration changes on the applications without applying them on the single clients.

To share the SiteManager configuration settings

1 Click **Tools** on the menu toolbar and select **Options**.

Tool	s Window Help
ß	ActiveX manager
s	Search
Ø	Browser
ng se	IDs table
	Log explorer
	Options
	Start desktop recording

2 Click the **Configuration** tab.

General Ir	nput devices	.og Alarm	notification	SMTP settings
Screen recorder	Window recorder	Configuration	Visualization	Proxy settings
User accounts data				
O Local				
 Shared folder 	\\networkdisc\use	4		
Site configuration da	ata			
O Local				
Shared folder				
Hide configurat	ion out of sync messag	les		
		ок 🗌	Cancel A	Apply

- 3 Click **Shared folder** under *User account data*, and type the folder's path (for example \\ sharedfolder\userconfig\) or browse to the folder's location by clicking the _____ button. The user accounts' settings are now shared over the network.
- 4 Click **Shared folder** under *Site configuration data*, and type the folder's path (for example \\ sharedfolder\SiteManagerconfig\) or browse to the folder's location by clicking the ____ button. The user accounts settings are now shared over the network.
- 5 Click **Ok** to save and apply changes.
- 6 Repeat steps 1-5 for every SiteManager installation you want to synchronize.



Exploring the SiteManager

This chapter describes the key components used to navigate through SiteManager, and highlights tools you can use to customize your system's performance and appearance.



Alarms, Video Export, and Server Alert Tabs

SiteManager Interface

Component	Function
Shortcut toolbar	Manage windows by arranging them in the virtual desktop, bringing a particular resource to the front of the virtual desktop, or adding resources to the SiteManager.
	For more information about the shortcut toolbar, see "Adjusting the Virtual Desktop While Viewing Video Windows" on page 116.
Configuration tabs	Select the resource/server to display in the graphical interface.
	The tabs are drag-and-drop compliant. In addition, a quick search box on each tab allows you to quickly locate items.
Resource window	View video and control resources connected to the device, such as PTZ cameras and alarms.
Virtual desktop	Arrange resource windows and view custom layouts. You can drag items from the configuration tabs into the virtual desktop, allowing you to quickly view video and adjust resources.

SiteManager Interface

Component	Function
Menu	Access commands to manage resources.
Monitors/Playback panel	Move resources to a monitor by dragging them into the panel.
	You can hide the panel by clicking Windows on the menu toolbar and unflagging the Show Monitors Panel check box.
Graphical interface	View a list of servers, groups, views, events, monitors, events, maps, and sequences. Expand the tree menus within the graphical interface to see a list of resources, such as cameras, alarms, and audio channels.
Log actions tab	Review a history of actions performed with the SiteManager since you started the program. For more information, see "Viewing the System Log" on page 154.
	You can hide the interface by clicking Windows on the menu toolbar and unflagging Show log Window .
Alarms tab	Acknowledge alarms.
Video Export tab	Determine which video has been exported from a VMS server to the computer and the progress of the export process. For more information, see "Saving Video Clips" on page 136.
Server alert tab	Check the status of a VMS server by viewing the Status check results. For more information, see "Editing the VMS Server" on page 32.

Chapter 5: Exploring the SiteManager



Viewing the Status of Resources

You can view the status of resources connected to the device, such as cameras and alarms. Each resource type has a different icon that changes color according to the resource status.

lcon	Resource/Status
	Camera connected and online.
$\overline{\mathbf{A}}$	Dome camera connected and online.
メ 🐱	No camera connected on the specified channel.
\bigcirc \bigcirc	Camera online, but SiteManager is not connected to the VMS server.
\bigcirc	Alarm configured, but not enabled or triggered.
(A)	Alarm triggered.
॑ (∞) 🖉	Aux, Audio, or Talk channel connected and online.
<u>+</u> ∞ <i>P</i>	Aux, Audio, or Talk channel disconnected or offline.

Icons and Resources Status

Chapter 6: Viewing the Status of Resources



Adding VMS Servers to SiteManager

This chapter provides information about adding and managing a VMS server using SiteManager. After installing SiteManager and performing security tasks, you can add your VMS to the server list. You must add your VMS to the server list before you can manage it using SiteManager.

Adding a VMS Server

Before you can configure a VMS server and access video, you must first add the VMS server to SiteManager.

Tip: You can add every VideoSphere device as a server, not only the VMS server. Adding a device as a server allows you to access the device's VisionWeb interface or to create panoramic views. For more information, see "Adding a Panoramic View" on page 57 and "SiteManager as a Portal" on page 141.

To add a VMS server

- 1 Click the **Servers** tab.
- 2 Right-click to open the **New server** menu. (The same menu can be accessed by clicking **Server** on the menu toolbar).



3 Select New server.

The Edit server menu appears.

4 Configure the **General** options.

Tip: It is not required to configure the server options found on the other tabs of the **Edit server** menu to start viewing live and recorded video. For more information about the advanced server options, see "Editing the VMS Server" on page 32.

Note: If you installed the VMS and SiteManager on the same machine, the system automatically recognizes the VMS and a dialog box appears. Click **Ok** to open the Edit server menu. Review the options (the VMS IP address is localhost), and click **Ok** to add the VMS server to SiteManager. Please note that, with this configuration, SiteManager is <u>not</u> able to send video to a network monitor, such as a VideoSphere Edge Decode Station. To enable the functionality, you must change the VMS IP address from *localhost* to the actual IP address of the server.

	ection settings	Proxy options
General	Alarms	Status check
Name: VMS		
Network	◯ Remote .	Access
Address:		
Username: Password:	admin	
Quality:	Highest - LAN	*
Туре:	VideoSphere VMS 2.1	*
pand tree when c Reset names	onnected	

5 Type a custom **Name** for the VMS server.

- 6 Click **Network** if the VMS server is connected to the same Local Area Network (LAN) as the computer running SiteManager, or click **Remote Access** if the computer running SiteManager is connected remotely to the VMS server.
- 7 Depending on the access type you selected, perform one of the following tasks:
 - Network. Type the VMS server's IP Address.
 - **Remote Access.** Select an available **Connection** from the list or configure a new connection by clicking **New**.
- 8 Type the **Username** and **Password** that are used to log on to the VMS server. If the SiteManager user name and password are the same as the VMS server's user name and password, select the **Login to server with current user credentials** check box.
- 9 Select VideoSphere VMS 2.1 in the Type list.

WARNING: Do <u>NOT</u> select **VideoSphere VMS/NVR:** this option is for earlier VMS releases.

10 Click **OK** to add the VMS server to SiteManager.

Adding a Camera/Encoder as a Server

You can add every VideoSphere device as a server, not only the VMS server. Adding a device as a server allows you to access the device using the device's VisionWeb interface (for more information see "SiteManager as a Portal" on page 141). This operation is also necessary to create panoramic views (for more information see "Adding a Panoramic View" on page 57).

To add an edge device as a server

- 1 Click the **Servers** tab.
- 2 Right-click to open the **New server** menu. (The same menu can be accessed by clicking **Server** on the menu toolbar).



3 Select New server.

The Edit server menu appears.

4 Configure the **General** options.

Tip: It is not required to configure the server options found on the other tabs of the **Edit server** menu to start viewing live and recorded video. For more information about the advanced server options, see "Editing the VMS Server" on page 32.

	nection settings	Proxy option	
General	Alarms	Status check	
Name: 1080_	_SD		
 Network 	O Remote .	Access	
Address			
Username:			
Password:			
	Highest - LAN	~	
Password: Quality: Type:	Highest - LAN VideoSphere Edge Devic	~	
Password: Quality:	Highest - LAN VideoSphere Edge Devic	~	

- 5 Type a custom **Name** for the device.
- 6 Click **Network** if the device is connected to the same Local Area Network (LAN) as the computer running SiteManager, or click **Remote Access** if the computer running SiteManager is connected remotely to the device.
- 7 Depending on the access type you selected, perform one of the following tasks:
 - Network. Type the device's IP Address.
 - **Remote Access.** Select an available **Connection** from the list or configure a new connection by clicking **New**.
- 8 Type the **Username** and **Password** that are used to log on to the device's Web Setup. If the SiteManager user name and password are the same as the devices's user name and password, select the **Login to server with current user credentials** check box.
- 9 Select VideoSphere Edge Devices in the Type list.
- 10 Click **OK** to add the device to SiteManager as a server.

Tip: You can also add an edge device as a server using SiteManager's integrated browser (see "Adding a VMS Server Using SiteManager's Integrated Browser" on page 27).

Adding a 3000-4000 Series DVR/NVR as a Server

You can also add March Networks' 3000-4000 series DVRs/NVRs using SiteManager.

Note: This feature is available only if the **Full** option has been selected during the SiteManager installation. For more information, see "Installing SiteManager" on page 6.

To add a 3000-4000 Series DVR/NVR as a server

1 Click the **Servers** tab.

2 Right-click to open the **New server** menu. (The same menu can be accessed by clicking **Server** on the menu toolbar).



3 Select **New Release 5 recorder**.

The **R5 Server** menu appears.

🗐 R5 se	erver	
General	Alarms	
	Name:	NVR Office
	Address:	
	User:	
F	^D assword:	
Rese	et names	OK Cancel

- 4 Type a custom **Name** for the recorder.
- 5 Type the recorder's IP Address.
- 6 Type the **Username** and **Password** that are used to log on to the recorder's Web Setup.
- 7 Click **OK** to add the recorder to SiteManager as a server.

Adding a VMS Server Using SiteManager's Integrated Browser

The browser is an integrated tool that allows you to search the network for VideoSphere products (cameras, encoders, Spectiva and Linearis DVRs/NVRs and VMS servers), and add them to the SiteManager. This integrated browser is a light version of the VideoSphere Browser (*Find my device*) search engine that is included in the VideoSphere software suite.

To add a VMS server using SiteManager's integrated browser

1 Click **Tools** on the menu toolbar and select **Browser**.



The integrated browser appears.

2 You can filter the search by typing text in the search box and selecting the device model (rightclick to select or clear all of the models). Optionally, you can select **Invert** to search for all of the devices that do NOT match the keywords or the filter.

ext based filter: 🚺 Invert	✓ Name	Model	Version	
odel filter:				
Linearis Linearis Nettuno CamPX Senses Nettuno HTR Nettuno Senses Proma Mini VideoSphere CamPX N264 VideoSphere Dome micro VideoSphere Dome micro VideoSphere Dome micro VideoSphere Edge 1 VideoSphere Edge 1 VideoSphere Edge 1 VideoSphere MegaPX 1080; 5 VideoSphere MegaPX 1080; 5 VideoSphere MegaPX 1080; 5 VideoSphere NPS AVX VideoSphere NPS AVX VideoSphere NPS AVX VideoSphere NVR MVX VideoSphere VMS 2.1				

- 3 Click the ^P button to start the search. The search results appear.
- 4 Click the column headings to sort the results by **Name**, **Model**, **MAC**, or **IP address**. If required, you can click the *integrable* button to refresh the search results.
| Text based filter: | - Name | Model | Version | |
|---|--------------------------------|--|---|--|
| i ext based filter: | | VideoSphere VMS 2.1 | 21 | |
| | GamPTZ | VideoSphere Dome micro | CamPTZ REL 1.0.1 (17:43:42 Nov 10 2008) | |
| fodel filter: | CRI-PC-WINDOWS7 | VideoSphere VMS 2.1 | 2.1 | |
| 🛛 Linearis | DVMS | VideoSphere VMS 2.1 | 2.1
2.1BETA10 | |
| V Nettuno CamPX Senses | INSIGNIS-NVB20-BT | VideoSphere NVR/VMS | 2.18ETATO
2.0.18FTA4 | |
| V Nettuno Mini | INSIGNIS-NVR20-SVE | | 2.0.1BETA4 | |
| Nettuno Senses | INSIGNIS-VMS20 | VideoSphere NVR/VMS
VideoSphere NVR/VMS | 2.0.1BETA4 | |
| 🗹 Proxima Mini | | VideoSphere VMS 2.1 | 2.0.1861A4 | |
| ✓ VideoSphere CamPX ✓ VideoSphere CamPX D | | | 21 | |
| ✓ VideoSphere CamPX H264 | InsignisSun1 | VideoSphere VMS 2.1 | 2.1
v1.07.01b6 | |
| VideoSphere Dome | L001111CF4B5D | Linearis | | |
| ✓ VideoSphere Dome micro ✓ VideoSphere Dome mini | L001CC029DA09 | Linearis | v1.07.01b6 | |
| VideoSphere Edge 1 | Nettuno Senses PIPPD-0D34B3801 | Nettuno Senses | 1.0.4 beta 8 (15:32:50 Apr 4 2008) | |
| VideoSphere Edge 4 | | VideoSphere NVR/VMS | 2.0 | |
| ✓ VideoSphere Edge Decode Static | C Quattro | VideoSphere Edge 4 | Quattro REL DP 1.0.6 (15:11:27 Jan 20 2009) | |
| ✓ VideoSphere MegaDome ✓ VideoSphere MegaPX 1080p | C Quattro | VideoSphere Edge 4 | Quattro REL DP 1.0.1 (17:31:59 Nov 10 2008) | |
| VideoSphere Megar X 1000p | SMDS_86B1A27A | VideoSphere Edge Decode Station | 1.3.0.256 SVENTRAX NO HID | |
| ✓ VideoSphere MegaFX 2 | SVS1080P2E7312 | VideoSphere MegaPX 1080p | 1.3.5-20090303143325 | |
| ✓ VideoSphere MegaPX 720p ✓ VideoSphere NVR Mini | SVS1080P2E9292 | VideoSphere MegaPX 1080p | 1.3.8-20090309181042 | |
| VideoSphere NVR/VMS | S VS1080P2EA5A3 | VideoSphere MegaPX 1080p | 1.3.8-20090310093003 | |
| VideoSphere VMS 2.1 | S1080P610747 | VideoSphere MegaPX 1080p | 1.3.8-20090310093003 | |
| | S1080P61074B | VideoSphere MegaPX 1080p | 1.3.8-20090310093003 | |
| | vs_cam_550E21 | VideoSphere CamPX | 2.2.0 beta 1 (18:08:45 Feb 20 2009) | |
| | scampx_550E1F | VideoSphere CamPX | 2.1.0 (15:07:08 Nov 4 2008) | |
| | vs_dome_0201E1 | VideoSphere Dome | 2.1.1 RC1 (19:26:35 Dec 18 2008) | |
| | | VideoSphere Dome | 2.2.0 beta 3 (16:52:12 Mar 9 2009) | |
| | vs_edge1_20001F | VideoSphere Edge 1 | 2.1.1 beta 9 (10:42:33 Nov 26 2008) | |
| | vs_edge1_200C30 | VideoSphere Edge 1 | 2.1.1 beta 9 (10:42:33 Nov 26 2008) | |
| | vs_M2_600377 | VideoSphere MegaPX 2 | 2.1.1 RC1 (19:26:35 Dec 18 2008) | |
| | 😔 vs_Mdome_61039F | VideoSphere MegaDome | 2.1.1 RC2 (14:50:36 Jan 20 2009) | |
| | vs_megapx2_610013 | VideoSphere MegaPX 2 | 2.1.0 (15:07:08 Nov 4 2008) | |

5 Right-click the column headings to display additional information about the resources. Flag the information you want to display in the browser.

¥	Name
	Model
	MAC
~	IP
	Version
	Subnet mask
	Gateway
	DNS

- 6 Select a VMS server and right-click it to open the option menu.
- 7 Select **Add** to add the VMS server to SiteManager as a server, or select the other options to manage the resource. The following table provides descriptions of the available options.



Resource Management Options

Option	Description
Identify	Select Identify to physically identify a device. On VideoSphere cameras and Edge encoders, the Light Emitting Diodes (LEDs) flash. On Edge Decode Stations, red and green icons appear on the screen.

Resource Management Options

Option	Description
Details	Select Details to view further information about the resource. Some of the network parameters, such as name, IP address, subnet mask, gateway, and DNS can be edited from this menu. Apply the changes by clicking Send Configuration .
	Note: The changes are only applied when the login keys are correct.
Add	Select Add to add the VMS/device to SiteManager using the configuration menu. For more information, see "Adding a VMS Server" on page 23.
	Note : If you are working with a VideoSphere Edge 1 (in decoding mode) or VideoSphere Decode Station and you select Add , you are asked if you want to add the resource as a server or as a monitor.
Setup	Select Setup to open RemoteControl (VMS) or the Web Setup interface (edge devices).
Send configuration	Select Send configuration to apply a saved configuration to the VMS/device.
Get configuration	Select Get configuration to connect to a device to download its configuration file. You must log on to the device before you can download the configuration file.
	Note : This option is unavailable when you are working with a VMS server.
Upgrade	Select Upgrade to start a software update (if available) for a device.
	Note : This option is unavailable when you are working with a VMS server.

Adding a Group of VMS Servers that are Managed by an ESM

You can add a group of VMS servers that are managed by an ESM to the SiteManager. This feature allows you to add a number of servers to SiteManager without configuring each of them. The servers are also grouped together in the SiteManager interface.

To add a group of VMS servers that are managed by an ESM

- 1 Click the **Servers** tab.
- 2 Right-click to open the **New server** menu. (The same menu can be accessed by clicking **Server** on the menu toolbar).



3 Select New Release 5 ESM.

The **R5 ESM** menu appears.

4 Configure the options and click **OK** to add a new Release 5 ESM group of servers. The following table provides descriptions of the available options.

Name:	Server group	1	
Address:			
User:			
Password:			

Adding a Group	of VMS	Servers	that are	Managed b	y An ESM
----------------	--------	---------	----------	-----------	----------

Option	Description
Name	Type a custom Name for the ESM. This name will appear in SiteManager to identify the ESM.
Address	Type the IP Address of the ESM.
User	Type the user name that is used to log on the ESM.
Password	Type the password that is used to log on the ESM.

5 Click OK.

Importing a VMS Server

If another user has already configured a VMS server (or a device added as a server) using SiteManager, you can import the VMS server into SiteManager on your computer.

To import a VMS server

1 Click the **Servers** tab.

2 Right-click to open the **New server** menu. (The same menu can be accessed by clicking **Server** on the menu toolbar).



3 Select Import server.

A Load window appears.

4 Locate the configuration file (.dat format) on the computer and click **Open** to import the VMS server into SiteManager.

pen								?
Look ir	n: 📋 My Docum	ents	*	G	1	Þ	•	
	🚞 Inst							
	My Music							
My Recent Documents	My Pictures							
1	My Videos							
	PERS							
Desktop	Presentazion	ii Corel						
/5	VMS 2_1							
My Documents								
My Computer								
My Computer								
My Computer	File name:	VMS 2_1				~		Open

Editing the VMS Server

After you add a VMS server to SiteManager, it appears on the graphical interface.

To edit a VMS server

- 1 Double-click the VMS server on the graphical interface to connect SiteManager to the VMS server. If the connection is successful the word **connected** appears next to the server name.
- 2 Double-click the resource type to expand the tree menu, where the available resources are listed. The following table provides descriptions of the resources.

VMS (connected)
🗞 Cameras
🛛 📎 Camera 2
📎 1080p
🛛 🕺 Camera 5
🔍 🔕 Camera 6
🗄 Auxes
△ Alarms
(iiii) Audio channels
🖉 Talk channels

3 Expand each tree menu to view the resources connected to the VMS server.

VMS Serv	er Res	ources
----------	--------	--------

Resource	Actions
Cameras	Expand the Cameras tree menu to view the cameras connected to the VMS server, in addition to the camera type. Double-click a camera icon to open the camera in the virtual desktop.
	Right-click a camera, or click Resource on the menu toolbar, to Show , Disconnect , or Edit the camera. Or, Send video from the camera to a monitor. You can also open the camera's Web setup page (Edge device setup), or open the camera's menu on RemoteControl (VMS setup).
Auxes	Expand the Auxes tree menu to specify how many auxiliary devices are connected to the VMS server, and the type of auxiliary devices that are connected.
	Right-click an auxiliary device, or click Resource on the menu toolbar, to Turn on/off , Disconnect , or Edit the device. When you edit the device you can modify the unique ID and name of the device.

VMS Server Resources

Resource	Actions
Alarms	Expand the Alarms tree menu to view the alarms connected to the VMS server. In addition, you can view which alarms are enabled (represented by a gray icon) and which alarms are currently triggered (represented by a red icon).
	Right-click an alarm, or click Resource on the menu toolbar, to Turn on/off, Monitor, Disconnect , or Edit the alarm. When you edit the alarm you can modify the unique ID and name of the alarm.
	The Monitored option should be flagged when there is no alarm central server in the system or when the alarm central is not able to process the alarm. The alarm central is a computer on the network configured to process, manage, and send alarms to the other clients using the VideoSphere AlarmManager background application.
	Note : Some devices, like the VideoSphere Edge 4 encoder, the VideoSphere MegaPX 720p/1080p integrated motion detector, and the 3000-4000 Series DVRs/NVRs, are not currently compatible with the AlarmManager application. With alarms generated by these devices you <u>must</u> flag the Monitored option if you want to configure events or acknowledge procedures.
Audio channels	Expand the Audio channels tree menu to specify how many input audio channels are currently open on the VMS server.
	Right-click an audio channel, or click Resource on the menu toolbar, to Mute/Unmute the channel and to set the Volume .
Talk channels	Expand the Talk channels tree menu to specify how many output talk channels are currently open on the VMS server.
	Right-click a talk channel, or click Resource on the menu toolbar, to set the Volume . If enabled, the talk channel is active, even when the server or camera is not currently open in the virtual desktop.

4 Right-click the VMS server to manage and edit the server using the option menu. The following table provides descriptions of the available options.



Editing a Server

Option	Description
New server	Select New server to add and configure a new VMS server. For more information see "Adding a VMS Server" on page 23.
New Release 5 recorder	Select New Release 5 recorder to add and configure a server managed by an ESM.
New Release 5 ESM	Select New Release 5 ESM to add and configure a group of servers managed an ESM. For more information, see "Adding a Group of VMS Servers that are Managed by an ESM" on page 30.
Delete server	Select Delete server to delete the VMS server from SiteManager. The program asks for a confirmation before deleting the server.
Edit server	Select Edit server to modify the VMS server network options and access the advanced options.
Connect	Select Connect (or double-click the VMS server) to connect SiteManager to the VMS server.
Disconnect	Select Disconnect to disconnect SiteManager from the VMS server.
Disconnect all	Select Disconnect all to disconnect SiteManager from every server.
Setup server	Select Setup server to open the RemoteControl setup menu. Note : If the server is a VideoSphere camera or encoder, this option opens the device's Web setup page in SiteManager instead of RemoteControl.
Full interface	Select Full interface to open the RemoteControl main page. Note : If the server is a VideoSphere camera or encoder, this option opens the device's VisionWeb client in SiteManager instead of RemoteControl.

Editing a Server

Option	Description
Quality	Select Quality to edit the video resolution of all cameras added to a server. Higher video quality requires more bandwidth. Note : Option unavailable for VMS servers.
Autoconnect	Select Autoconnect to allow SiteManager to automatically connect to a server at startup.
	Note : This option is unavailable when you are working with a VMS server.
Keep connected	Select Keep connected to allow SiteManager to automatically attempt a new connection to the VMS server after a disconnection.
Autodisplay	Select Autodisplay to allow SiteManager to automatically open all of a server's cameras in the virtual desktop after a successful connection.
	Note: Option unavailable for VMS servers.
Export Server	Select Export server to save the VMS server configuration in a dat file which other SiteManager users can import. After selecting this option, a Save window appears.
Import server	Select Import server to import a VMS server configuration from a dat file. After selecting this option, a Load window appears. For more information, see "Importing a VMS Server" on page 31.

5 Select Edit server.

A menu appears.

Auvanceu conne	ection settings	Proxy options
General	Alarms	Status check
Name: VMS		
 Network 	O Remote Access	
Address:	10.31.7.84	
Password:		
Password:		
Quality:	Tigroot and	r
Type:	VideoSphere VMS 2.1	*

6 Click the **Alarms** tab to allow SiteManager to receive alarms from an alarm central server using the VideoSphere AlarmManager software. You can configure the network interfaces that automatically connect to the server in case of an alarm, and set their priority. The following table provides descriptions of the available options.

Note: The AlarmManager configurations affect the **Events** feature and the alarm acknowledgement process. VideoSphere AlarmManager is part of the VideoSphere software suite and is automatically installed alongside SiteManager.

	dvanced connec	tion sett	tings		Proxy options
Ge	eneral	1	Alarms		Status check
	eive alarms from <i>i</i> onnect on alarm	AlarmMa	anager		
Highe	st Default			~	
				*	
1				~	
1				~	
T.				*	
Lowe	st			Y	
Silend	ce alarms in this ti	me inter	val:		
om:	03/02/2009	Y	15.59.17	*	
	03/02/2009	~	15.59.17	*	

Alarm Management Options

Option	Description
Receive alarms from AlarmManager	Select the Receive alarms from AlarmManager check box to allow SiteManager to receive alarms from an alarm central server through the AlarmManager software.
Connect on alarm	Select the Connect on alarm check box to enable the VMS server to connect to a network interface card when an alarm is triggered. You can set six different network interfaces; the connection priority is listed from highest priority to lowest.
Silence alarms in this time interval	Select the Silence alarms in this time interval check box to configure a time interval where SiteManager will not be notified of alarms. Select the start (From) and ending (To) time and dates. Note : This option is also available for 3000-4000 Series DVRs/NVRs.

7 Click the **Status check** tab to configure a periodic VMS status check. The results appear on the **Server alert** tab in the **Log** window. The following table provides a description of the available options.



Table 7-1 Status Check Options

Option	Description
Check server status periodically	Select the Check server status periodically check box to enable the server status check.
Check every	Select the frequency of status checks, in minutes or hours.
Check for connection	Select the Check for connection check box to enable the VMS server connection check.
Check for disconnected cameras	Select the Check for disconnected cameras check box to enable the camera (or channel) status check.
Check for active alarms	Select the Check for active alarms check box to enable the VMS server alarm status check.

8 Click the **Advanced connection settings** tab to configure the quality and the resolution of the resources added to the VMS server without opening the RemoteControl interface. The following table provides descriptions of the available options.

General	Alarms	Status check	
Advanced connection	i settings	Proxy options	
Use custom image quality	y for dome		
Resolution:	D1	~	
Quality:	High · T1/T3	~	
Encoder constraint			
Max resolution:	High	~	
Custom connection			
Connection quality:	<u>V</u> .	1 I I	
Low		High	

Table 7-2 Quality and Resolution Optio
--

Option	Description
Use custom image quality for dome	Check Use custom image quality for dome (if applicable) to edit the Resolution and Quality of PTZ camera images.
Encoder Constraint	Select the maximum resolution allowed.
Custom connection	Check Custom connection to edit the camera connection quality. Lower video quality requires less bandwidth.

- 9 Click the **Proxy options** tab to configure a proxy server. The following table provides a description of the available options.
- **WARNING:** Consult your network administrator before configuring a proxy server. An incorrect proxy server setting can result in connection problems for SiteManager and the VMS server.

General	Alarms	Status check
Advanced connecti	on settings	Proxy options
Proxy server		
Proxy type:	SOCKS 4	~
Host:		
Port:	1080	
User:		
Password:		

Proxy Server Options

Option	Action
Proxy type	Select the Proxy Type .
Host	Type the proxy server IP Address.
Port	Type the proxy server Port .
User	Type the login username.
Password	Type the login Password .

Editing a Group of VMS Servers that are Managed by an ESM

After you add a group of VMS servers managed by an ESM to SiteManager, the group appears within the graphical interface.

To edit a group of VMS servers that are managed by an ESM

- 1 Double-click the group to establish a connection between SiteManager and the group. If the connection is successful, **connected** appears next to the group name.
- 2 Double-click again to expand the tree menu where the available VMS servers are listed.



3 Right-click a VMS server to manage and edit the server using the option menu.

Note: When you access a group of VMS servers, the list of available options is shorter than the list that appears when accessing a VMS server that was added to the SiteManager.





Adding and Editing Monitors

This chapter provides information about adding and managing a network monitor using SiteManager. With SiteManager you can easily manage a control room equipped with VideoSphere Edge Decode Stations and send video streams across the network to configured monitors. Network monitors can include VGA monitors, VideoSphere Edge Decode Stations, or VideoSphere Edge 1 encoders configured to use decoding mode for analog displays.

Adding a Monitor

You must add a monitor to SiteManager before you can configure it to stream video.

Note: By default, the client monitor appears as Monitor 1 in SiteManager. SiteManager refers to it as VGA Monitor.

To add a monitor

- 1 Click the **Monitors** tab.
- 2 Right-click to open the **New monitor** menu. (The same menu can be accessed by clicking **Monitor** on the menu toolbar).



3 Select New monitor.

A configuration window appears.

🖵 Monitor	
Unique ID:	0
Name:	Monitor 2
Address:	
Туре:	Decode Station
	 Primary monitor
	O Secondary monitor
	OK Cancel

4 Select a **Unique ID** and type a custom **Name** for the monitor.

Tip: The unique ID allows you to recall the monitor with an external keyboard.

- 5 Type the **IP Address** of the monitor and select the **Type** of VideoSphere decoding unit.
- 6 For a Decode Station, you must also specify whether this monitor will be a primary or secondary monitor.

Note: VideoSphere Edge Decode Station supports two monitors at the same time, and is able to display different resources on them. Fmore more information, see the *VideoSphere Edge Decode Station User Manual*.

7 Click OK.

Editing a Monitor

After you add a monitor to SiteManager, its name appears on the left graphical interface.

To edit a monitor

1 Double-click the monitor to expand the tree menu where the resources currently being displayed on the monitor are listed.



2 Right- click the monitor to manage and edit it using the option menu. The following table provides descriptions of the options.

Note: The number of available options is monitor dependent.



Editing a Monitor

Option	Description	
New monitor	Select New monitor to add and configure a new monitor. For more information, see "Adding a Monitor" on page 41.	
New monitor group	Select New monitor group to add and configure a monitor group. For more information, see "Creating and Managing Monitor Groups" on page 45.	
Delete monitor (Edge 1/DS)	Select Delete monitor to delete the monitor from SiteManager. The program asks for a confirmation before deleting the monitor.	
Edit monitor	Select Edit monitor to modify the monitor options.	
Connect (Edge 1/DS)	Select Connect to establish a connection between SiteManager and the monitor.	
Disconnect (Edge 1/DS)	Select Disconnect to disconnect SiteManager from the monitor.	
Restart (DS)	Select Restart to reboot the Edge Decode Station.	
Setup Monitor (Edge 1)	Select Setup Monitor to open the Web Setup page of a VideoSphere Edge 1 encoder.	
Autoconnect (Edge 1)	Select Autoconnect to allow SiteManager to automatically connect to a VideoSphere Edge 1 encoder at startup.	
Blank (VGA)	Select Blank to show the resource in SiteManager in full screen mode. While in full screen mode, right-click the video stream and select Close/Blank to return to the SiteManager interface.	
Autodisplay (VGA)	Select Autodisplay to allow SiteManager to automatically show the resource on the SiteManager client monitor in full screen mode.	

3 Use the monitor panel to control the monitors by clicking the icons. The following table provides descriptions of the options you can configure.

Monitors: All	~
Monitor 1	
March Networks Homepage	\mathcal{C}
_ L → (m)	LIVE
Monitor 2	Ģ
Ø 🖉 🕒 + enc +	LIVE
Monitor 3 Camera 6 on VMS	
Ø Ø L = (w) enc =	LIVE
€ IO OD 01 D DD 01	

Monitor Panel Option

lcon	Action		
Monitors	Select All to show a list of monitors or select a Monitor group . For more information, see "Creating and Managing Monitor Groups" on page 45.		
Ō	Blank (show the resource in SiteManager in full screen mode) the client monitor with the selected resource (VGA monitor only).		
▶ -	Select the Playback sector.		
((0))	Activate/deactivate the Audio channel on the monitor.		
ø	Connect SiteManager to the monitor.		
p ^a	Disconnect SiteManager from the monitor.		
enc +	Select the video stream resolution.		

4 You can control the playback of archived video evidence using the playback toolbar. For information about reviewing video evidence recorded on a VMS server, see "Playing Recorded Video" on page 132.

Sending Resources to Monitors

You can send SiteManager resources, such as cameras, views, maps, and Web pages, to a monitor. This allows you to remotely control every configured monitor on the network.

WARNING: VideoSphere Edge 1 devices are able to decode only one video stream.

To send resources to a monitor

- 1 In the graphical interface, select the resource you want to send to the monitor.
- 2 Select the network monitor in the monitor panel.

3 Drag the resource from the graphical interface and drop it into the monitor panel.



Tip: You can also send a resource to a monitor by right-clicking the resource in the graphical interface, pointing to **Send to monitor**, and selecting an available network monitor.



Creating and Managing Monitor Groups

You can group monitors in SiteManager, allowing you to easily manage multiple monitors using the monitor panel. This operation is useful to control a large number of monitors (for example different control rooms in the network) at the same time.

To create a monitor group

- 1 Click the **Monitors** tab.
- 2 Right-click to open the **New monitor** menu. (The same menu can be accessed by clicking **Monitor** on the menu toolbar).



- 3 Select New monitor group.
- 4 Type a custom name for the monitor.
- 5 Click **OK** to create the monitor group.

The monitor group name appears on the graphical interface.

lonitor group	
New monitor group name	
Monitor group 1	
OK Cancel	

6 Double-click the monitor group to show the monitors included in the monitor group.



7 In the graphical interface, drag monitors into the monitor group.



8 To manage a monitor group using the monitor interface, click the **Monitors** tab and select the monitor group from the drop down list. You can now manage each monitor within the monitor group using the drag-and-drop capabilities.

Monitors: Monitor group 1	~
All Monitor 1 Monitor group 1	
Camera 6 on NVR 1	Ø
_ <u>}</u> • (∞)	LIVE
Monitor 2 Camera 6 on NVR 1	\$
Ø 🖉 🖢 + enc +	LIVE

Chapter 8: Adding and Editing Monitors



Creating and Editing Views

This chapter provides information about creating and managing views in SiteManager. It also provides information about creating and managing panoramic views by merging two or more live streams. After adding VMS servers, cameras, or encoders to SiteManager, you can arrange their video streams in views to more easily control your surveillance site. A view is a custom layout of cameras streams connected to a server.

Adding a View

Before customizing a layout, you need to add a view to SiteManager.

To add a view

- 1 Click the **Views** tab.
- 2 Right-click to open the **New View** menu. (The same menu can be accessed by clicking **View** on the menu toolbar).



3 Select New view.

A configuration window appears.

🔲 View			×
Unique ID:		-	
Name:	View 2		
		ОК	Cancel

4 Select a **Unique ID** and type a custom **Name** for the view.

Tip: The unique ID enables you to recall the resource with the remote control or an external keyboard.

5 Click OK.

Editing a View and Configuring Different Layouts

After you add a view to SiteManager, its name appears on the graphical interface.

To edit a view

1 Double-click the view to expand the tree menu, where the resources added to the view are listed.



2 Right-click the view to manage and edit the view using the option menu. The following table provides descriptions of the options.



Editing a View

Option	Description
New view	Select New view to add and configure a new view.
New panorama	Select New panorama to create a panoramic view. For more information, see "Adding a Panoramic View" on page 57.
Delete	Select Delete to delete the view from SiteManager. The program asks for a confirmation before deleting the view.
Edit	Select Edit to modify the unique ID and name of the view.
Show/Hide	Select Show/Hide to open or close the view in the virtual desktop.
Connect	Select Connect to connect SiteManager to the resources within the view.
Disconnect	Select Disconnect to disconnect SiteManager from the resources within the view.
Edit layouts	Select Edit layouts to open a new window where you can create layouts using the drag-and-drop interface. For more information, see "Creating a Custom Layout" on page 52.
Layout	Select one of the configured Layouts . The layout scheme appears next to the layout name.
Full screen	Select Full screen to see the view on your computer in full screen mode.
Quality	Select Quality to edit the video resolution of the resources. Higher video quality requires more bandwidth.
Autoconnect	Select Autoconnect to allow SiteManager to automatically connect to the resources within the view each time SiteManager starts.
-	

Editing a View

Option Description		
Autodisplay	Select Autodisplay to allow SiteManager to automatically open the view and its resources when a connection is established with the servers.	
	Note : This option is unavailable when you are working with a VMS server.	
Move top left	Select Move top left to move the view window in the upper- left corner of the virtual desktop.	
Send to monitor	Select Send to monitor to send the view to a monitor or VideoSphere Edge Decode Station.	
Lock window	Flag Lock window to lock the position and dimensions of the view window in the virtual desktop.	

Creating a Custom Layout

You can customize layouts with different frame sizes; you can display up to 64 video streams at the same time and display the view on the client monitor, or send it to a VideoSphere Edge Decode Station. The layouts are created using the integrated editor.

To create a custom layout

1 Right-click the **View** and select **Edit layout**.



The Layout editor appears.

The left side of the editor is an 8x8 grid (64 moveable frames), and options appear on the right side. The following table provides descriptions of the options.

Layout
Layout 1
New
Delete
Rename
Frame
 New 1x1
New 2x2
New 3x3
 New 4x4
Delete
Done

Layout Editor

-	
Button	Action
Layout #	Select the Layout to be edited.
New	Click New to create a layout.
Delete	Click Delete to delete a layout.
Rename	Click Rename to type a new name for the layout.
New 1x1	Click New 1x1 to create a frame that takes up one square in the layout.
New 2x2	Click New 2x2 to create a frame that takes up four squares in the layout.
New 3x3	Click New 3x3 to create a frame that takes up nine squares in the layout.
New 4x4	Click New 4x4 to create a frame that takes up 16 squares in the layout.
Delete (Frame)	Click Delete (Frame) to delete the selected frame from the layout.
Done	Click Done to save the layout and close the editor.

- 2 Click **New** to create a layout.
- 3 Click the **Frame** buttons to make the selected frame appear in the first upper left available place in the grid.

Tip: Alternatively, you can create frames by right-clicking anywhere within the Layout editor and dragging to resize the frame.

	Layout
	Layout 1
1	New
	Delete
	Rename
	Frame
	New 1x1
	New 2x2
	New 3x3
	New 4x4
	Delete
	Done

4 You can move frames as required by dragging them to new locations within the layout.



5 Add and move the other frames to create the layout. Click a frame to select it (the frame changes color) and then move or delete it.

2 3 11 New 8 9 10 11 Delete Frame 12 13 Frame 12 14 New 1x1 Second colspan="2">Frame 12 14 New 1x1 New 1x1 New 1x1 New 3x3 New 4x4	1		2			4	6	Layout
7 3 New 8 9 10 Delete Rename 5 13 Frame 12 14 New 1x1 New 2x2 15 New 3x3 New 4x4	22							Layout 2
8 9 10 Rename Frame 5 12 14 New 1x1 New 2x2 15 New 3x3 New 4x4	7				3			New
5 12 14 14 14 18 18 18 18 18 18 18 18 18 18 18 18 18				1	1	Delete		
12 14 New 1x1 5 15 New 3x3 15 New 4x4	8	8 9 10						Rename
12 14 New 2x2 5 15 New 3x3 New 4x4							13	Frame
5 15 15 New 3x3 New 4x4							New 1x1	
15 New 3x3	5		New 2x2					
					New 3x3			
					1	-	New 4x4	
16 17 Delete			16		17	Delete		

Click **Done** to save the layout.

Adding Resources to a Layout or View

You can assign the layout to one of the views and add resources to the layout.

To add resources to the layout or view

Right-click the View, point to Layout, and select the layout.
 A visual representation of the layout appears next to the layout name.



2 Drag the view from the graphical interface and drop it into the virtual desktop to open the layout.

Tip: The same action can be performed by right-clicking the view and selecting **Show**.



3 Drag resources from the graphical interface and drop them into the layout.



Sending a View to a Monitor

You can send a view to a configured monitor.

WARNING: VideoSphere Edge 1 devices can only decode one video stream at the time, so layouts with more than one frame cannot be sent to an Edge 1 monitor.

To send a view to a monitor

- 1 In the graphical interface, select the view you want to send to the monitor.
- 2 Select a monitor in the monitor panel.
- 3 Drag the view from the graphical interface and drop it into the monitor panel.

Tip: You can also send a view to a monitor by right-clicking it in the graphical interface, pointing to **Send to monitor**, and selecting an available network monitor.



Adding a Panoramic View

Note: You can add a panoramic view by merging two or more live streams to form a comprehensive view.

You can't create a panoramic view with video streams coming from a VMS server. However, you can still directly add the cameras/encoders to SiteManager as servers to use this feature (for more information see "Adding a Camera/Encoder as a Server" on page 25).



To add a panoramic view

- 1 Click the **Views** tab.
- 2 Right-click to open the **New view** menu. (The same menu can be accessed by clicking **Views** on the menu toolbar).

👶 Sequences		donitors	🖓 Events
Servers	🖧 Groups	📧 Views	🖽 Maps
			P
8	New view		
020	New panorama		

3 Select **New Panorama**.

A configuration window appears.

🔲 Panoran	ıa	
Unique ID: Name:	5 🗘 Panorama 3	
	ОК	Cancel

4 Select a **Unique ID** and type a custom **Name** for the panoramic view.

Tip: The unique ID enables you to recall the resource with the remote control or an external keyboard.

5 Click OK.

Creating a Panoramic View

You can merge video streams in a panoramic view using the integrated graphical editor. The editor allows you to stretch, move, and resize the video streams. The panoramic view editor operates in two different modes:

- View Mode. Allows you to control the panoramic view.
- Edit Mode. Allows you to edit video streams.



Panoramic view	Panorama 1	Camera:
		Qualitio Camera 2 Sustino Camera 2 vi_megapx2_610013 Encoder 1
Concerns to		
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	XIII	
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Toolbar		
and the second	1 1 0 0 0 0 0 0 × 1 0	-

To create a panoramic view

1 After adding the panoramic view, drag it from the graphical interface and drop it into the virtual desktop to open the graphical editor.

Tip: The same action can be performed by right-clicking the view and selecting **Show**.

The graphical editor appears in the virtual desktop.



- 2 Click the Button to toggle the **Edit Mode** on the graphical editor.
- 3 Drag the video streams from the graphical interface and drop them into the panoramic view canvas.

Note: When you first drag a video stream into the graphical editor, it overlays any existing video streams.



4 Edit the video streams using the toolbar at the bottom of the graphical editor. The following table provides descriptions of the toolbar buttons.

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Panoramic Views Toolbar

Button	Action
1	Return to View mode.
Z	Edit the image points, to define the shape and boundaries of the image.
	Modify the position and size of the image.
53	Send the current image to the background.
C	Send the current image backward.
ď	Bring the current image forward.
Ş	Bring the current image to the foreground.
4 <mark></mark>	Move all of the panoramic views.

Panoramic Views Toolbar

Button	Action
ta.	Resize the canvas. The canvas is the maximum expansion area for the panoramic view.
•	Open or close the camera list.

5 Click the \square button.

Red squares appear on the corners of the image. Hold the *left* button down on a corner and move the mouse to change the image shape.



6 Click the 🗈 button.

Yellow squares appear at the edges of the image. Hold the *left* button down in the middle of the image to change its position.



7 Click the 🗈 button again.

Yellow squares appear at the edges of the image. Hold the *left* button down on a yellow square and move the mouse to resize the image.

Tip: Hold the *SHIFT* key while resizing the image to keep its aspect ratio.



8 Click the 😳 button.

A navigation pad appears. Click the arrows to move the panoramic view.



9 Click the 🛤 button.

A window appears. Select the new width and height of the canvas to resize it. and click **Apply**.



Sending a Panoramic View to a Monitor

You can send a panoramic view to a configured monitor. This allows you to display a panoramic view on any configured monitor on the network.

WARNING: You cannot send a panoramic view to a VideoSphere Edge 1 decoder.

To send a panoramic view to a monitor

- 1 In the graphical interface, select the panoramic view you want to send to the monitor.
- 2 Select a monitor in the monitor panel.
- 3 Drag the panoramic view from the graphical interface and drop it into the monitor panel.

Tip: You can also send a panoramic view to a monitor by right-clicking it in the graphical interface, pointing to **Send to monitor**, and selecting an available network monitor.

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Camera View 1 Camera View 3				
Monitors: All				~
Monitor 1				
Panorama 1			Ľ	
_ ⁶ (0)			L	IVE
Monitor 2				~
Camera 6 on NVR 1			0	\$
Ø 🔗 占 + enc +			L	IVE
10 00 🗆 II D D	D DI 🥬			

Chapter 9: Creating and Editing Views


Adding and Editing Maps

This chapter provides information about creating and managing interactive maps using SiteManager. You can customize two-dimensional (2D) floor plans or three-dimensional (3D) representations of a site by placing resources on it: in this way you can interact in a quick and intuitive way with all of the resources in your surveillance site, and you can instantly monitor the location of every camera added to the VMS server.

Adding a 2D Map

You can import an image representing the map of the surveilled site in SiteManager. The application is also compatible with the most used image formats.

Note: This procedure requires that you import a 2D map into SiteManager. If you do not yet have a 2D map of the site, you must either create it or obtain it from the site representative.

To add a 2D map

- 1 Click the **Maps** tab.
- 2 Right-click to open the **New map** menu. (The same menu can be accessed by clicking **Maps** on the menu toolbar).

👶 Sequenci	es 🛛 🕻	🔉 Monitors 📗	🖓 Events
Servers	🔒 Group:	s 🛛 🔳 View	s 🗄 Maps
			8
■ ③ 3D Map 1			
🖻 🕀 Map 1	100	22	
	🖽 New ma	ip	
	🎯 New 3D r		

3 Select New map.

A configuration window appears.

🖽 Map		X
Unique ID:	0	
Name:	Map 2	
	2-Dimension	O 3-Dimension
Image:		

4 Select a **Unique ID** and type a custom **Name** for the map.

Tip: The unique ID enables you to recall the resource with the remote control or an external keyboard.

- 5 Type the map file path or select it by clicking the button.
- 6 Click **OK**.

Customizing and Editing an Interactive 2D Map

You can customize your map using the integrated editor which allows you to zoom in and out from the map and resources. Using the 2D map editor you can place resources, such as cameras and alarms, directly on the map.



To customize and edit a 2D map

1 After adding a 2D map to SiteManager, drag it from the graphical interface and drop it into the virtual desktop to open the map editor.

Note: The same action can be performed by right-clicking the map and selecting **Show**.

The map editor appears in the virtual desktop.

₩4p1 ②[Zoon 436 ♥]] 4, 4, 4, 4

2 Adjust the zoom level using the upper toolbar. The following table provides descriptions of the toolbar buttons.



2D Map Editor Toolbar

Button	Action
C)	Activate <i>Pan</i> mode. To move the map, hold the left mouse button down and move the mouse.
Zoom: 100%	Select the zoom level.
	See the map in full screen mode.
E	Zoom in.
Q	Zoom out.
Q	Return to the original size (100 percent zoom).
Q	Fit the map to the window size (also referred to as <i>Autozoom</i>).

3 Drag a resource from the graphical interface and drop it into the map editor. Place the resource in the correct location within the site.

The resource icon appears on the map.

Sequences Monitors Servers Servers	
- Serve 1 - Serve 1 - Specifival - vr_megapin2_\$10013	

4 Right-click the resource icon on the map to open the option menu. The following table provides descriptions of the options.



Customizing and Editing a 2D Map

Option	Description	
Show/Hide	Select Show/Hide to open or close the resource in the virtual desktop.	
Connect/Disconnect	Select Connect/Disconnect to connect or disconnect SiteManager from the resource.	
Edit resource	Select Edit resource to modify the unique ID and name of the resource.	
Rotate	Point to Rotate and select one of eight positions (0°, - 45°, - 90°, - 135°, - 180°, - 225°, - 270°, or - 315°) to move the icon.	
Size	Select Size to change the icon size. There are four preconfigured sizes. To manually change the size select the Custom option.	
Send to monitor	Select Send to monitor to send the resource to a monitor.	
Remove	Select Remove to delete the resource from the map.	
Setup	Select Setup to open the RemoteControl setup menu. Note : If the resource has been added as a server, this option opens the device's Web setup page in SiteManager instead of RemoteControl.	

- 5 Repeat steps 1 4 for the other resources that you want to place on the map.
- 6 Double-click an icon on the map to open the resource in the virtual desktop.



Editing a 2D Map

After you add a 2D map to SiteManager, it appears on the graphical interface and you can then modify it.

To edit a map

1 Double-click the map to expand the tree menu where the map's resources are listed.



2 Right-click the map to manage and edit it using the option menu. The following table provides descriptions of the options.



Editing a 2D Map

Option	Description	
New map	Select New map to import and configure a 2D map.	
New 3D map	Select New 3D map to import and configure a 3D model. For more information, see "Adding a 3D Map" on page 71.	
Delete map	Select Delete map to delete the map from SiteManager. The program asks for a confirmation before deleting the map.	
Edit map	Select Edit map to modify the unique ID and name of the map.	
Show/Hide	Select Show/Hide to open or close the map in the virtual desktop.	
Connect	Select Connect to connect SiteManager to the map's resources.	
Disconnect	Select Disconnect to disconnect SiteManager from the map's resources.	
Autoconnect	Select Autoconnect to allow SiteManager to automatically connect to the map's resources each time SiteManager starts.	
Autodisplay	Select Autodisplay to allow SiteManager to automatically open the map's resources when a connection is established with the servers.	
	Note : This option is unavailable when you are working with a VMS server.	
Move top left	Select Move top left to move the map window in the upper- left corner of the virtual desktop.	
Send to monitor	Select Send to monitor to send the map to a monitor.	
Lock window	Flag Lock window to lock the position and dimensions of the map in the virtual desktop.	

Sending a 2D Map to a Monitor

You can send a 2D map to a configured monitor.

WARNING: VideoSphere Edge 1 devices are not compatible with SiteManager maps.

To send a 2D map to a monitor

- 1 In the graphical interface, select the map you want to send to the monitor.
- 2 Select a monitor in the monitor panel.
- 3 Drag the map from the graphical interface and drop it into the monitor panel.

Tip: You can also send a map to a monitor by right-clicking it in the graphical interface, pointing to **Send to monitor**, and selecting an available network monitor.

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	meras Camera 1 Camera 2 ama 2 meras					
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Monitor 1						
Panorama 1					I	
~ (o))				LIN	/E
Monitor 2					~	
Camera 6 on N	VR 1				6	8
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Adding a 3D Map

You can import a 3D model representing your surveilled site in SiteManager. The application is also compatible with several file formats.

Note: This procedure requires that you import a 3D model into SiteManager. If you do not yet have a 3D model of the site, you must create it or obtain it from the site representative before you can proceed. 3D models are created using a separate software application, such as 3D Studio®.

To create a 3D map

- 1 Click the **Maps** tab.
- 2 Right-click to open the **New map** menu. (The same menu can be accessed by clicking **Maps** on the menu toolbar).

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⊞ 🗐 3D Map 1 ⊞ 🗄 Мар 1			
	🗄 New maj		
	S New 3D m	ap	

3 Select New 3D map.

A configuration window appears.

🖽 Мар	X
Unique ID:	6
Name:	3D Map 2
	O 2-Dimension () 3-Dimension
Image:	
	OK Cancel

4 Select a **Unique ID** and type a custom **Name** for the 3D map.

Tip: The unique ID enables you to recall the resource with the remote control or an external keyboard.

5 Type the map file path or select it by clicking the button.

Customizing and Editing a 3D Map

You can customize interactive 3D maps using an integrated editor that allows you to navigate the 3D model and add resources to it.



To customize a 3D map

1 After adding the 3D map to SiteManager, drag it from the graphical interface and drop it into the virtual desktop to open the map editor.

Tip: The same action can be performed by right-clicking the map and selecting **Show**.

The map editor appears in the virtual desktop.

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⊕ ⊚ 30 Mop1 ⊯-⊡ Map1	
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2 Navigate the 3D model until the correct visualization (the same as the actual resource) is reached.

You can navigate within the 3D model using the integrated navigation toolbar and panel, or with the mouse.

The upper toolbar allows you to navigate and change the visualization mode of the 3D model. The following table provides descriptions of the toolbar buttons.



3-d Map Editor Toolbar

Button	Action
0	Reset the view (switch to first person visualization mode).
E.	Switch to plan view style.
Æ	Zoom in.
P	Zoom out.
	Switch to smooth shading style.

3-d Map Editor Toolbar

Button	Action
3	Switch to flat shading style.
Θ	Switch to hidden lines style.
田	Switch to wireframe style.
	Select the background color.
	Activate the Navigation panel.

3 Click the button to activate the Navigation panel. To navigate using the panel, click the arrows and change the navigation speed by adjusting the **Speed** slider.



You can also navigate within the 3D model using the mouse by holding the left button down and moving the mouse. To zoom in and out, roll the wheel up and down.

4 Drag a resource from the graphical interface and drop it into the 3D model. The resource appears in the 3D model.



- 5 Click the resource on the 3D model to select it. The resource color switches from black to red.
- 6 Right-click the resource on the 3D model to open the option menu. The following table provides descriptions of the options.



Customizing a 3D Map

Option	Description
Set as view point	Select Set as view point to control the resource point of view.
Move to current view point	Select Move to current point of view to automatically move the resource according to the current point of view.
Position locked	Select Position locked to lock the resource in the current position, so the resource cannot be accidentally moved.
Show/Hide	Select Show/Hide to open or close the resource in the virtual desktop.
Connect/Disconnect	Select Connect/Disconnect to connect or disconnect SiteManager from the resource.
Edit resource	Select Edit resource to modify the unique ID and name of the resource.
Delete resource	Select Delete resource to delete the resource from the map.

- 7 Repeat steps 1- 6 to place additional resources on the 3D model.
- 8 Double-click a resource on the map to open it in the virtual desktop.



Editing a 3D Map

After you add a 3D map to SiteManager, it appears on the graphical interface.

WARNING: You cannot send a 3D map to a monitor.

To edit a map

1 Double-click the map to expand the tree menu where the map's resources are listed.



2 Right-click the map to manage and edit it using the option menu. The following table provides descriptions of the options.



Editing a 3D Map

Option	Description
New map	Select New map to import and configure a 2D map. For more information, see "Adding a 2D Map" on page 65.
New 3D map	Select New 3D map to import and configure a 3D model.
Delete map	Select Delete map to delete the map from SiteManager. The program asks for a confirmation before deleting the view.
Edit map	Select Edit map to modify the unique ID and name of the map.
Show/Hide	Select Show/Hide to open or close the map in the virtual desktop.
Connect	Select Connect to connect SiteManager to the map's resources.
Disconnect	Select Disconnect to disconnect SiteManager from the map's resources.
Autoconnect	Select Autoconnect to allow SiteManager to automatically connect to the map's resources each time SiteManager starts.
Autodisplay	Select Autodisplay to allow SiteManager to automatically open the map's resources when a connection is established with the servers. Note : This option is unavailable when you are working with a VMS server.

Editing a 3D Map

Option	Description
Move top left	Select Move top left to move the map in the upper-left corner of the virtual desktop.
Lock window	Flag Lock window to lock the position and dimensions of the map in the virtual desktop.



Adding and Editing Resource Groups

This chapter provides information about creating and managing resource groups using SiteManager. You can group resources in any way, such as by the location in which the resources are installed, or the VMS server to which they are connected. Creating a group allows you to properly organize and display resources using VideoSphere Edge Decode Station.

Adding Resource Groups

You can add resource groups to SiteManager to help organize your resources. We recommend you create a groupto properly manage VideoSphere Decode Stations: the operator is able to visualize only the resources added to the group sent to the decoding device.

To add a group

- 1 Click the **Groups** tab.
- 2 Right-click the graphical interface and select **New group** (The same menu can be accessed by clicking **Groups** on the menu toolbar).

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Servers	🖧 Groups	📧 Views	EB Maps
			8
🗉 🖧 Group 1			

- 3 Type a custom **Name** for the group.
- 4 Click OK.



Editing Resource Groups

After you create a resource group, it appears on the graphical interface and you can then modify it if required.

To edit a resource group

1 Double-click the resource group to expand the tree menu where the group's resources are shown.



2 Right-click the resource group to edit it using the option menu. The following table provides descriptions of the options.



Editing a Resource Group

Option	Description
New group	Select New group to add and configure a new resource group. For more information, see "Adding Resource Groups" on page 79.

Editing	a	Resource	Group
---------	---	----------	-------

Option	Description
Delete group	Select Delete group to delete the resource group from SiteManager. The program asks for a confirmation before deleting the view.
Edit group	Select Edit group to add resources to the resource group and assign unique IDs to the resources.
Show/Hide	Select Show/Hide to open or close all of the group's resources in the virtual desktop.
Connect	Select Connect to connect SiteManager to the resource group.
Disconnect	Select Disconnect to disconnect SiteManager from the resource group.
Autoconnect	Select Autoconnect to allow SiteManager to automatically connect to the group's resources each time SiteManager starts.
Autodisplay	Select Autodisplay to allow SiteManager to automatically open the group's resources when a connection is established with the servers.
	Note : This option is unavailable when you are working with a VMS server.
Send to monitor	Select Send to monitor to send the resource group to a decode station.

3 Select **Edit group**.

A menu appears.

🔒 Group 1								×
Name: Group	51							
Δ			Ð	(D)		Resourc	e:	
ہے۔ Alarm 1	Camera 1 [1]	Camera 2 [2]	-	Motion Alarm on channel 2	Panorama 2 [4]	Key	Value	
P								
Talk channel ⁻	1							
						Autoas	ssign IDs	

4 Select a resource in the left graphical interface, drag it from the graphical interface, and drop it into the **Edit group** menu.



5 After adding resources to the group, you can click **Autoassign IDs** to automatically assign a unique ID to each resource within the resource group.

Tip: The unique ID enables you to recall the resources in the group with the remote control or an external keyboard.

Note: The automatically assigned IDs are only used by the resource group and are not applied to the resources within the VMS server.

6 You can also add alarms to the group by dragging them from the graphical interface and dropping them into the **Edit group** menu. After adding the alarm, assign it to one of the group resources using the **Alarmed resource** drop down menu.

Alarmed resource:	
📎 Camera 2	~

Sending Resource Groups to Decode Stations

You can now send resource groups to a configured decode stations.

WARNING: Resource groups can only be sent to VideoSphere Edge Decode Stations.

To send a resource group to a decode station

- 1 In the graphical interface, select the group you want to send to the decode station.
- 2 Select the decode station where the group will be displayed in the monitor panel.
- 3 Drag the group from the graphical interface and drop it into the monitor panel.

Tip: You can also send a group to a decode station by right-clicking it in the graphical interface, pointing to **Send to monitor**, and selecting an available decode station.



Chapter 11: Adding and Editing Resource Groups



Adding and Editing Resource Sequences

This chapter provides information about creating and managing resource sequences using SiteManager. You can create custom sequences of different resources, such as cameras, 2D maps, views, panoramic views, and Web pages to specify the resources you want to cycle and the order in which they appear. This feature is useful when you want to cycle different video streams in only one window, thereby creating a overview of your surveillance site. Sequences may be added to views and maps as well.

Adding Resource Sequences

Before customizing the sequence, you must add it to SiteManager.

To add a resource sequence

- 1 Click the **Sequences** tab.
- 2 Right-click the graphical interface and select **New Sequence**. (The same menu can be accessed by clicking **Sequences** on the menu toolbar).

Servers &	Groups	Views	🗗 Maps
👶 Sequences	🖵 Mo	onitors	🖓 Events
			P
🕀 🞲 Sequence 1			
🗄 🞲 Sequence 2			
Ne Ne	w sequence	e	

A configuration window appears.

😳 Sequenc	e	
Unique ID: Name:	15 🗘 Sequence 4	
	ОК	Cancel

3 Select a **Unique ID** and type a custom **Name** for the sequence.

Tip: The unique ID enables you to recall the resource with the remote control or an external keyboard.

4 Click **OK**.

Editing Resource Sequences

After you add a resource sequence, it appears on the graphical interface and you can then customize it.

- To edit a resource sequence
- 1 Double-click the resource sequence to expand the tree menu where the sequence's resources are listed.



2 Right-click the sequence to manage and edit it using the option menu. The following table provides descriptions of the options.



Editing a Resource Sequence

Option	Description
New sequence	Select New sequence to add and configure a new resource sequence. For more information, see "Adding Resource Sequences" on page 85.
Delete sequence	Select Delete sequence to delete the resource sequence from SiteManager. The program asks for a confirmation before deleting the sequence.
Edit sequence	Select Edit sequence to modify the resource sequence name and to assign internal unique IDs to its resources.
Show/Hide	Select Show/Hide to open or close the sequence editor in the virtual desktop.
Connect	Select Connect to connect SiteManager to the sequence's resources.
Disconnect	Select Disconnect to disconnect SiteManager from the sequence's resources.
Video resolution	Select the sequence Video resolution . Higher video resolution requires more bandwidth.
Autodisplay	Select Autodisplay to allow SiteManager to automatically open the sequence's resources when a connection is established with the resources.
Send to monitor	Select Send to monitor to send the sequence to a monitor.
Lock	Flag Lock to lock the position and dimensions of the sequence editor in the virtual desktop.

3 Drag the resource sequence from the graphical interface and drop it into the virtual desktop to open the sequence editor.

Tip: The same action can be performed by right-clicking the sequence and selecting **Show**. The sequence editor appears in the virtual desktop.



4 The sequence editor presents the resource currently shown in the sequence. You can navigate the sequence using the control toolbar, or customize it by placing resources and selecting the cycle time on the sequence editor panel.



5 You can control the sequence using the lower toolbar. The following table provides a description of the toolbar buttons.



Sequece Editor Toolbar

Button	Action
<	Returns to the previous resource.
0	Stops the sequence.
0	Starts the sequence.
>	Moves forward to the next resource.
ay.	Opens or closes the sequence editor panel.

6 Click the 🏁 button to open the sequence editor panel.



7 Drag a resource from the graphical interface and drop it into the sequence editor panel in the desired position.

Tip: You can change the resource position any time using drag & drop capabilities.

The resource icon appears on the panel.



8 Select the display time for each resource.



- 9 Right-click the resource icon on the panel to open the option menu.
- 10 Select **Show** to open the resource in the virtual desktop in a separate window, or select **Remove** to delete the resource from the sequence.



- 11 Repeat steps 1- 6 for the other resources that you want to add to the resource sequence. You can add the same resource multiple times in a sequence.
- 12 Click the button to play the sequence in the virtual desktop. The 🔽 symbol indicates which resource is currently displayed.



Sending Resource Sequences to Monitors

You can send a resource sequences to configured monitors.

WARNING: VideoSphere Edge 1 are not compatible with resource sequences.

To send a resource sequence to a monitor

- 1 In the graphical interface, select the resource sequence you want to send to the monitor.
- 2 Select the monitor where the resource sequence will be displayed in the monitor panel.
- 3 Drag the resource sequence from the graphical interface and drop it into the monitor panel.

Tip: You can also send a sequence to a monitor by right-clicking it in the graphical interface, pointing to **Send to monitor**, and selecting an available network monitor.



Chapter 12: Adding and Editing Resource Sequences



Adding and Editing Web Resources

This chapter provides information about adding and managing Web resources using SiteManager. After unlocking the feature, you can integrate fully navigable Web pages and applications in SiteManager maps, views and sequences, and send them to a monitor.

Unlocking the Web Resources Feature

The web resources feature is a free SiteManager add-on and is not enabled by default. You must unlock the feature before you can use it.

To unlock the web resources feature

1 Click **Tools** in the menu toolbar and select **Options**.



The **General** tab is selected by default.

2 Click **Web resources activation** to generate a request code.

Note: The request code is unique and corresponds to the computer on which SiteManager is installed. You must perform this procedure on every client running SiteManager.

Screen recorder	Window recorde	r Confi	guration	Visualization	Proxy settings
General	Input devices	Log	Alarm	notification	SMTP settings
Language					
Choose a langu user interface:	age for the application	English		*	
Video display pric	ority				
Level	Q				
	Normal Hi	igh Time	critical		
🗹 Er	able automatic turn off	of hidden vio	leo streams		
Login retry	limit: 3	Lockou	t duration (r	ninutes): 10	*
			Web res	sources activation.	

Request:	W0 1
-	
Activation:	

- 3 Send an e-mail to <u>milantechsupport@marchnetworks.com</u> with the request code. March Networks Technical Support will provide you with a code to unlock the web resources feature.
- 4 When you receive the code, paste it in the **Activation** box.
- 5 Click **OK**.

We	b resource	es activ	ation	X
	Request:	W	1	
	Activation:	0		4

6 Close and re-open SiteManager to unlock the web resources feature. The **Web** tab is now available.

Servers	🐣 Groups	📧 Views	🗄 Maps
👶 Sequences	🖏 Web	Monitors	🖓 Events
			P
	rce 1		

Adding Web Resources

After you unlock the web resource feature, you can add web resources to SiteManager.

To add a web resource

- 1 Click the **Web** tab.
- 2 Right-click on the graphical interface and click **New web resource**. (The same menu can be accessed by clicking **Web** on the menu toolbar).

Servers	🖧 Groups	📧 Views	🗄 Maps
👶 Sequences	😕 Web	🖵 Monitors	😽 Events
			8
	rce 1		
Web resources	ice I		
-	New web resou		
	New web resol	irce	
03	ien neb resou		
8			
8			
8			
8			

A configuration window appears.

Unique ID:	11	
Name:	March Networks Homepage	
URL:	http://www.marchnetworks.com	
Refresh every	0 econds	

3 Select a **Unique ID** and type a custom **Name** for the web resource.

Tip: The unique ID enables you to recall the web resource with the remote control or an external keyboard.

4 Type the web resource's Internet **URL**.

Tip: You can also add pages with Macromedia® Flash® applications, or embedded videos such as pages from portals like YouTube® and GoogleVideo®.

5 Select the **Refresh** frequency.

Note: If the refresh value is set to 0, SiteManager will never refresh the web resource.

Editing Web Resources

After you add a web resource, it appears on the graphical interface.

To edit a web resource

1 Drag the web resource from the graphical interface and drop it into the virtual desktop. The web resource appears in a fully navigable Internet Explorer® window within the virtual desktop.

Servers & Groups Vews (2) O Sequences O Web C Mondors (7)	Magn March Helwarks Homepage	
(12) March Networks EMLA (11) March Totsworks Housepool	TRANSFORMING THE WAY YOU VIEW YOUR BUSIN	Regional website 💐 🖓 👔 Starth America 💌
	Solutions Products Services Customers	Resources Partners News Company
	\wedge	
	IP VIDEO SOLUTIONS FOR: Financial Transportation Commercial - Industrial O	Government - Education Retail
	Customers Washington University in St. Louis	Strongs Artemio Franchi Stadium Balain police use
Markar: Al	U.S. unversite uses Merch Networks system Toprovide succinctly for Telebox-Paint detailse.	March Networks Estivulogy to keep an ere on sambuuctious fans.
Monitor: AB DS Planary	Contact us j = Live demo	» Looking for our Partner Portais?

2 Right-click the web resource to manage and edit it using the option menu. The following table provides descriptions of the options.



Editing a Web Resource

Option	Description
New web resource	Select New web resource to add and configure a new web resource. For more information, see "Adding Web Resources" on page 95.
Edit web resource	Select Edit web resource to modify the web resource name, unique ID, and URL.
Delete web resource	Select Delete web resource to delete the web resource from SiteManager. The program asks for a confirmation before deleting the web resource.
Show/Hide	Select Show/Hide to open or close the web resource in a browser within the virtual desktop.

Editing a Web Resource

Option	Description
Lock window	Flag Lock window to lock the position and dimensions of the web resource window in the virtual desktop.
Send to monitor	Select Send to monitor to send the web resource to a monitor.
Move top left	Select Move top left to move the browser window to the upper-left corner of the virtual desktop.

Sending Web Resources to Monitors

You can send web resources to configured monitors in SiteManager.

WARNING: VideoSphere Edge 1 devices are not compatible with web resources.

To send a web resource to a monitor

- 1 In the graphical interface, select the web resource you want to send to the monitor.
- 2 Select the monitor where the web resource will be displayed in the monitor panel.
- 3 Drag the web resource from the graphical interface and drop it into the monitor panel.

Tip: You can also send a web resource to a monitor by right-clicking it in the graphical interface, pointing to **Send to monitor**, and selecting an available network monitor.



Chapter 13: Adding and Editing Web Resources



Adding and Editing Events

This chapter provides information about adding events to and managing events in SiteManager. You can create a full range of customized events (including a step-by-step alarm acknowledgment procedure.

Adding New Events

Before customizing automatic events to SiteManager using the integrated editor, you must add a new event to SiteManager.

To add an event

- 1 Click the **Events** tab.
- 2 Right-click on the graphical interface and click **New event**. (The same menu can be accessed by clicking **Events** on the menu toolbar).

Servers	🖧 Groups	📧 Views	🗄 Maps		
👶 Sequences	👏 Web	🖵 Monitors	🖗 Events		
			P		
⊞ 😽 Event 1					
🖃 🥱 Event 2					
👃 Motion Alarm on channel 2					
🗄 🥰 Event 3					
🚽 🚭 Event 4					
🖃 🥰 Event 5					
🛶 🗘 🗛 🕹					
🗄 🗳 Event 6					
	🖗 New event				

The event is automatically created and is ready to be configured.

Event 1	
Event 2	
Event 3	
Event 4	
Event 5	
Event 6	
Event 7	
	Event 1 Event 2 Event 3 Event 4 Event 5 Event 6 Event 7

Editing Events

After you add an event, it appears on the graphical interface in SiteManager. You can then edit events using the integrated editor that allows you to add alarms and resources using drag-and-drop capabilities.

To edit an event

1 After adding the event to SiteManager, double-click it to open the event editor.

🕏 Event 7		×
Name: Event 7	Local Auto acknowledge	1
Sources:	Actions: Show view Show view Show view	• + ×

The event editor is comprised of four different sections:

• **Upper Toolbar.** Configure general event details, such as a custom event **Name**, whether the event is available locally or on the network, and whether it is automatically acknowledged. To save and apply changes to the event details, always click the **!** button.

Name: Event 7 Local Auto acknowledge
• Sources Panel. Add the alarms that activate automatic events.



• Actions Panel. Select the automatic responses that are activated after an alarm is triggered.



• **Resources/Options Panel**. Add the resources that are connected to automatic events and configure the requested options.

Show camera		
SamPX on		
CamPX on VMS		

- 2 In the upper toolbar, type a custom **Name** for the event.
- 3 Select the **Local** check box to configure an action that only occurs on your computer, or clear this option to allow the action to occur on every computer running SiteManager on the network.

Note: VGA monitors can be selected for actions only by checking the Local option.

- 4 Select the **Auto acknowledge** check box to allow the system to automatically acknowledge alarms without any user notification.
- 5 Select an alarm in the left graphical interface.
- 6 Drag the alarm from the graphical interface and *drop* it into the **Sources** panel.
- **WARNING:** If you didn't configure an alarm central or if the alarm has been configured on a VideoSphere Edge 4 device, or on a March Networks' 3000-4000 Series recorder, you must flag the **Monitored** option on the alarm right-clicking the alarm on the graphical interface.



The alarm icon appears on the panel.

😳 Sequences 🤭 Web 🖵 Monitors 🗳 Events		_
🛽 Servers 🔒 Groups 🔲 Views 🖽 Maps		
Q		
🗎 🔒 Auxes 🔼		
= 🛆 Alarms		-
Motion Alarm on channel 2	😨 Event 7	×
(iii) Audio channels	Name: Event 7 Local Auto acknowledge	
🗉 🤌 Talk channels		· •
📴 Server 1	Sources: Actions: 🖵 Blank monitor 🗸 + >	<
		-
😑 📴 Spectival (connected)		
😑 👒 Cameras		
	Motion Alarm	
	on channel	
🔂 Camera 4		
💥 Camera 16		
🗈 🗄 Auxes		
👃 Alarms		
(in) Audio channels		
🖮 🔑 Talk channels		
😑 🔲 VMS (connected)		_
😑 🦠 Cameras		
🤯 Camera 3		

7 Select an event in the list of **Actions** and click the + button to add it to the panel. The following table provides descriptions of the available actions.

Action	Description	Configuration needed
Blank monitor	Select Blank monitor to clear the monitor after an event.	Select the monitor and add it to the Resources/Options panel.
Connect to server	Select Connect to server to automatically connect to a configured server after an event.	Select the server and add it to the Resources/ Options panel.
Disconnect all servers	Select Disconnect all servers to automatically disconnect SiteManager from every server after an event.	No additional configuration needed.

Available Events

Available Events

Action	Description	Configuration needed
Disconnect from server	Select Disconnect from server to automatically disconnect SiteManager from a server after an event.	Select the server and add it to the Resources/ Options panel.
Execute specified file	Select Execute specified file to automatically start an application after an event.	Select the file path by clicking the 🗔 button.
Play sound	Select Play sound to automatically play a sound file (.wav format) after an event.	Select the audio file path by clicking the button.
Record user activity (screen cam)	Select Record user activity (screen cam) to automatically record the entire user's desktop activity after an event.	Enable and configure the Screen recorder function in the option menu. For more information, see "Recording Desktop Activity" on page 160.
Send eMail	Select Send eMail to automatically send an e-mail after an event.	Configure a valid SMTP server in the option menu (for more information, see "Configuring the SMTP Settings" on page 171), and then type the address, the e-mail text, and select the e-mail attachments to attach to the e-mail message.
Show 3D map	Select Show 3D map to automatically show a 3D map after an event.	Select the 3D map and add it to the Resources/Options panel.
Show acknowledgement window	Select Show acknowledgement window to create and set an acknowledgment procedure for the alarm.	Configure the acknowledgment procedure. For more information about configuring the acknowledgment procedure, see "Configuring and Acknowledging a Custom Alarm" on page 110.
Show all alarmed cameras on monitor	Select Show all alarmed cameras on monitor to send all of the alarmed cameras to a monitor.	Specify the sending mode, select the monitor, and then add the monitor to the Resources/ Options panel. Note : There are two sending modes to choose from: Sequence or View . If you choose Sequence , you must configure the cycle time.
Show all alarmed cameras	Select Show all alarmed cameras to open all of the alarmed cameras in the virtual desktop after an event.	No additional configuration needed.
Show camera	Select Show camera to open a camera in the virtual desktop after an event.	Select the camera and add it to the Resources , Options panel.

Available Events

Action	Description	Configuration needed
Show camera on monitor	Select Show camera on monitor to send a camera to a monitor after an event.	Select the camera and the monitor, and add them to the Resources/Options panel.
Show group	Select Show group to open a resource group in the virtual desktop after an event.	Select the group and add it to the Resources/ Options panel.
Show group on monitor	Select Show group on monitor to send a resource group to a monitor after an event.	Select the group and the monitor, and add them to the Resources/Options panel.
Show map	Select Show map to open a 2D map in the virtual desktop after an event.	Select the 2D map and add it to the Resources/Options panel.
Show map on monitor	Select Show map on monitor to send a 2D map to a monitor after an event.	Select the 2D map and the monitor, and add them to the Resources/Options panel.
Show panorama	Select Show panorama to open a panoramic map in the virtual desktop after an event.	Select the panoramic map and add it to the Resources/Options panel.
Show panorama on monitor	Select Show panorama on monitor to send a panoramic map to a monitor after an event.	Select the panoramic map and the monitor, and add them to the Resources/Options panel.
Show sequence	Select Show sequence to open a sequence in the virtual desktop after an event.	Select the sequence and add it to the Resources/Options panel.
Show sequence on monitor	Select Show sequence on monitor to send a sequence to a monitor after an event.	Select the sequence and the monitor, and add them to the Resources/Options panel.
Show view	Select Show view to open a view in the virtual desktop after an event.	Select the view and add it to the Resources/ Options panel.
Show view on monitor	Select Show view on monitor to send a view to a monitor after an event.	Select the view and the monitor, and add them to the Resources/Options panel.
Show web	Select Show web to open a web resource in the virtual desktop after an event.	Select the web resource and add it to the Resources/Options panel.
Show web on monitor	Select Show web on monitor to send a web resource to a monitor after an event.	Select the web resource and the monitor, and add them to the Resources/Options panel.

Available Events

Action	Description	Configuration needed
Turn alarm off	Select Turn alarm off to deactivate an alarm (you can choose to deactivate any alarm, not just the triggered alarm) after an event.	Select the alarm and add it to the Resources/ Options panel.
Turn alarm on	Select Turn alarm on to activate an alarm after an event.	Select the alarm and add it to the Resources/ Options panel.
Turn aux off	Select Turn aux off to deactivate an auxiliary device connected to a server after an event.	Select the auxiliary device and add it to the Resources/Options panel.
Turn aux on	Select Turn aux on to activate an auxiliary device connected to a server after an event.	Select the auxiliary device and add it to the Resources/Options panel.
Turn camera aux off	Select Turn camera aux off to deactivate an auxiliary device connected to a camera after an event.	Select the auxiliary device and add it to the Resources/Options panel.
Turn camera aux on	Select Turn camera aux on to activate an auxiliary device connected to a camera after an event.	Select the auxiliary device and add it to the Resources/Options panel.
Turn off alarm on acknowledge	Select Turn off alarm on acknowledge to deactivate the source alarm after performing the acknowledge procedure.	No additional configuration needed.
Windows management	Select Windows management to rearrange the appearance of the virtual desktop appearance after an event.	Select the window's appearance or behavior. You can choose from the following options: Tile, Cascade, Close all , and Restore desktop settings. For more information, see "Adjusting the Virtual Desktop While Viewing Video Windows" on page 116.

8 If the selected action requires a particular resource or monitor, select the resource in the graphical interface.

- 9 Drag the resource from the graphical interface and *drop* it into the **Resources/Options** panel. The resource icon appears on the panel.
- 10 After adding the resource, click the ! button. The event is now configured.

	🚭 Event 7		
Motion Alarm on channel 2 (iii) Audio channels	Name: Event 7	Local Auto acknowledge	1
P Talk channels Server 1	Sources:		+ ×
Server 1 Server 1 Server group 1 Server group 1 Connected) Cannera 1 Cannera 2 Cannera 3 Cannera 6 Autores Cannera 6 Autores Cannera 6 Autores Cannera 5 Cannera 6 Autores PAR Cannera 6 Cannera 6 Cannera 5 Cannera 6 Cannera 6 Server 1 Server 1 Se	Concernent Show camera	Bhow camera "CamPX" on server "VMS"	
	CamPX on VMS		

11 You can customize the event by adding other actions (repeat steps 1-10).

Tip: To remove an alarm or resource, right-click it and select **Remove**.

To delete an action

- 1 Select the action in the **Actions Panel**.
- 2 Click the \times button.

To test an event

Right-click the event in the graphical interface and then select **Fire**.
 The test simulates the an alarm being triggered and automatically performs the configured actions.



Chapter 15

Acknowledging Alarms

When an alarm occurs, operators can notify the alarm central server to indicate that they are aware of the alarm. An alarm central server is a computer that manages and processes alarms over the network using the VideoSphere AlarmManager background application.

There are three different types of acknowledgement procedures:

- **Standard acknowledgement.** Alarms appear in the SiteManager's alarm log for operators to view and acknowledge.
- Automatic acknowledgement. SiteManager automatically acknowledges alarms. No operator action is required.
- **Custom acknowledgement.** Operators respond to alarms by performing a set of custom tasks.

Performing a Standard Acknowledgment

By default, alarms appear on the Alarms tab of the Log Window for operators to view and acknowledge.

Note: This procedure requires that the Auto acknowledge check box be cleared in the event editor, or that the Show acknowledgement window option be selected. For more information, see "Editing Events" on page 100.

To perform a standard acknowledgement

1 Ensure the **Alarms** tab is selected.

When an alarm triggers, it appears on the **Alarms** tab.

Log actions	🗘 Alarms 🖉 Video	Export 📑 Server alert	
Alarm	Server	Description	Time
📣 Motion Alarm	on c VS Edge 4	Not available	2008-10-10 11.30.44

2 To acknowledge the alarm, double-click it.

Note: If you configured the **Turn off alarm on acknowledge** action, the alarm is deactivated after you acknowledge the alarm. For more information about this option, see "Editing Events" on page 100.

📃 Log actions	Alarms	0	Video Export		Server alert		
Alarm	Serve	r		Des	cription	Tin	ne
Alarm "Motion Alarr	n on channel 2	" fro	om server "VS	Edae	4" acknowled	aed by us	er

Configuring an Automatic Acknowledgment Procedure

You can configure an automatic acknowledgment procedure. In this way SiteManager automatically acknowledges alarms and no operator action is required.

To configure automatic acknowledgment

1 Add a new event to SiteManager; for more information, see "Adding New Events" on page 99.

2 Double-click it to open the event editor.



3 Select an alarm in the left graphical interface, drag it from the graphical interface and *drop* it into the **Sources** panel.

The alarm icon appears on the panel.

🗘 Sequences 🛛 🙁 Web 💭 Monitors 🖉 Events	
Servers & Groups 🔲 Views 🖽 Maps	
P	
🛞 📩 Auxes 📃	
	🖸 Event 7
— A Motion Alarm on channel 2	
- In Audio channels	Negat: Event 7 Local Auto acknowledge
- C Server 1	Stuces: Actions: 🖵 Blank monitor 💙 🕂 🗙
B G Spectival (connected)	
E- Cameras	Motion Alarm
Camera 1	on channel.
- Cameta 2 - Cameta 3	
Camera 4	
Camera 4 Camera 5	
- Camera 6	
- Camera 7	
- Camera 8	
- Camera 9	
- Camera 10	
- Camera 11	
- S Camera 12	
- N Camera 13	
- S Camera 14	
- S Camera 15	
-X Camera 16	
🛞 📩 Auxes	
- 👃 Alama	
- (=) Audio channels	
VMS (connected) Generat	
- Camera 1 - Camera 2	
Camera 3	
2 Camera 6	

4 Select the **Auto acknowledge** check box in the upper toolbar.

Name: Event 1 Local 🗸 Auto acknowledge !

5 Click the ! button to save and apply changes.

SiteManager now acknowledges the alarm without notifying the operator.

Note: If you configured the **Turn off alarm on acknowledge** action, the alarm is deactivated after you acknowledge the alarm. For more information about this option, see "Editing Events" on page 100.

Configuring and Acknowledging a Custom Alarm

The **Show acknowledgement window** action allows you to configure a custom acknowledgement procedure for the operator using an integrated editor. The procedure consists of a series of steps to be performed by the operator to acknowledge the alarm.

To configure a custom acknowledgement procedure

- 1 Add a new event to SiteManager; for more information, see "Adding New Events" on page 99.
- 2 Double-click it to open the event editor.

🖗 Event 2		×
Name: Event 2	Local 🗹 Auto acknowledge	1
Sources:	Actions: Connect to server Connect to server ***	▼ + ×
Connect server		

3 Select an alarm in the left graphical interface, drag it from the graphical interface and *drop* it into the **Sources** panel.

The alarm icon appears on the panel.

Sequences Sweb GMonitors & Events	
🛛 Servers 🔒 Groups 🔤 Views 🖽 Maps	
P	
	🚱 Event 7
— — Q. Motion Alarm on channel 2 — — — — — Audio channels	
Audo channels	Name: Event 7 Local Auto acknowledge !
- Server 1	
- W Server group 1	Cources: Actions: D Blank monitor + X
Spectrva1 [connected]	
R-S Cameras	\ominus
- Camera 1	Motion Alarm
- S Camera 2	on channel
- Camera 3	
- Camera 4	
- S Camera 5	
- S Camera 6	
- S Camera 7	
- The Camera 8	
- S Camera 9	
- S Camera 10	
- S Camera 11	
- S Camera 12	
- Camera 13	
- S Camera 14 S Camera 15	
Camera 15	
Camera 16 Auxes	
Alama	
-III Audo channels	
R-P Tak channels	
VMS [connected]	
B-% Cameras	
- S Camera 1	
S Camera 2	
- 🔁 Camera 3	
- S CamPX	
- 🖄 Camera 6	

4 Double-click an event in the graphical interface. The event editor appears in the virtual desktop.

Select Show acknowledge window in the Actions Panel and click the + button.
 The acknowledgement editor appears. The following table provides descriptions of the options.

🖗 Event 2		×
Name: Event 2	Local Auto acknowledge	1
Sources:	Actions: Show acknowledge window	+ x
Show acknowledge windows ✓ Show alarm information List of operations to be performe X B R ∽ Add operation Remo	ed by operator: ▼ 0 ♥ B ✓ 型 ≣ ≞ ≣ we operation Remove all	I.

Custom Acknowledgment Procedure

Option	Description
Show alarm information	Check Show alarm information to include the alarm details in the notification window.
Request operator notes	Select the Request operator notes check box to allow the operator to write his own notes about the event before ending the acknowledgement procedure.
Add operation	Click Add operation to type instructions for the operator to follow. Every operation added is a step in the acknowledgment procedure.
Accept failure	Select the Accept failure check box to allow the operator to continue with the acknowledgment procedure even if one of the required steps hasn't been completed; in the notification window the Failed button appears.
Remove operation	Click Remove operation to delete one of the operations.
Remove all	Click Remove all to delete all of the operations.

- 6 Click Add Operation.
- 7 Type instructions for the operator.
- 8 Select the **Accept failure** check box to allow the operator to continue with the acknowledgement procedure even if the required steps have not been completed.



9 Repeat the operation to add other steps.

You can delete one of the steps by selecting it and clicking **Remove Operation**. You can also delete all of the configured steps by clicking **Remove all**.

10 Click the ! button to save and apply changes.



To acknowledge a custom alarm

1 When an alarm is triggered, AlarmManager sends it to SiteManager and the Log Window automatically switches to the **Alarms** tab.

Log actions	🗘 Alarms 🕼 Video	Export 🛛 📮 Server alert	
Alarm	Server	Description	Time
📣 Motion Alarm	on c VS Edge 4	Not available	2008-10-10 11.30.44
	m on channel 2" on server		

2 Double-click the alarm.

The acknowledgement window appears.

Alarm ack	nowle dge	
	Motion Alarm on channel 2	
	Quattro	
	2009-02-11 11.58.55	
	2009-02-11 11.58.55	
Cameras:		
1 - Call 911		
I-Call911		🗸 ОК
		× Failed

3 Perform all of the required tasks and confirm the steps by clicking **OK**.

For false alarms, you may be able to skip some of the steps and click **Failed** (depending on how the alarm procedure is configured).

4 You may be required to add notes about the alarm before you click **Acknowledge** (depending on how the alarm procedure is configured).

Note: If the **Turn off alarm on acknowledge** action has been added to the event, the alarm is deactivated after you acknowledge the alarm. For more information about the **Turn off alarm on acknowledge** action, see "Editing Events" on page 100.

Alarm ack	nowledge	
Alarm:	Motion Alarm on channel 2	
Server:	Quattro	
Local time:	2009-02-11 11.58.55	
Server time:	2009-02-11 11.58.55	
Cameras:		
3 - Call Mr. Ga	ittuso	~
4 - Check the	system integrity	~
Enter your no	te to close the alarm acknowledge:	
Everything's f	-inel	Acknowledge

Alarm

🗏 Log actions 🗳 Alarms 🕼 Video Export 📮 Server alert

Alarm "Motion Alarm on channel 2" from server "Quattro" acknowledged by user with note: Everything's Fine!



Viewing Live Video

This chapter provides information about managing cameras in SiteManager's virtual desktop. You can quickly edit the camera video display options, control PTZ cameras with the mouse, and control the zoom level.

Adjusting the Virtual Desktop While Viewing Video Windows

You can use the shortcut toolbar to manage multiple windows in the virtual desktop.

To adjust the virtual desktop while viewing multiple video windows

• With multiple video windows open, click one of the following buttons on the shortcut toolbar:

Shortcut Toolbar Buttons

Button	Action	
88 8	Arranges the open video windows as tiles on the virtual desktop or in cascading order. Examples:	
	Tile Cascade Image: Contract of the second of th	
D3 28 28	Arranges the open video windows so there are one, two, or four windows per row. <i>Examples:</i>	
	IX 2X 4X Image: Angle of the second	
♦ E ³ ■	Automatically moves the selected resource to the front of the other windows (when two or more video windows are overlapping).	

Editing the Display Options

SiteManager allows you to edit the display options for each video stream.

To edit the display options

1 Open a VMS camera in the virtual desktop by dragging it from the graphical interface and *dropping* it in the virtual desktop.

Tip: You can open all video streams simultaneously by clicking Autodisplay.



2 Right-click the video stream to open the **Display Options** menu. The following table provides descriptions of the options.

Tip: To edit display options for a video stream in a view, double click a frame in the view layout and then right-click it.



Editing the Display Options

Option	Description
Window size	Fit the window size to the video stream resolution. Note : A higher resolution enables more options.
Video resolution	Select the video stream resolution (if applicable); the Auto option allows SiteManager to automatically configure the resolution.
Enhance video quality	Select the video quality enhancement level.
Enhance high resolution MPEG	Flag Enhance high resolution MPEG to receive increased video quality at high resolutions.
Metadata	Select the type of Metadata to be displayed on the video stream. You can view metadata for all of the alarms, or for selected alarms.
Send to monitor	Select Send to monitor to move the view to a monitor.
Show toolbar	Flag or unflag Show toolbar to display or hide the playback toolbar.
Lock window	Flag Lock window to lock the position and dimensions of the video stream window in the virtual desktop.

3 Select the required option to instantly apply the change to the video stream.

Zooming In On a Camera

You can use SiteManager's built-in digital zooming capabilities to zoom in on an object within the camera's field of view.

WARNING: Zooming in digitally results in a loss of video definition.

To zoom in on video

1 With video open, click the 🖾 button on the playback toolbar to enable digital zooming.

Tip: To enable digital zoom on a video stream in a view, double click a frame in the view layout and then click the solution on the playback toolbar.

(m) 🔊 🖸 🗨 👷 🚽 🛛 I () () () () () ()

2 Click the right mouse button and drag to select the area you want to zoom in on. SiteManager zooms to the selected area.



3 Roll the mouse wheel up and down to zoom in and out.



4 Since the area you are zooming in on is just a portion of the camera's field of view, you can adjust the area of interest by holding the left mouse button down and moving the mouse to navigate within the image. The mouse moves the image's point of view, similarly to a PTZ camera.



Controlling PTZ Cameras

You can use SiteManager's built-in software controls to adjust a PTZ camera's field of view to move to a preset view of a particular location.

To control a PTZ camera

1 Open a PTZ camera in the virtual desktop by dragging it from the graphical interface and *dropping* it into the virtual desktop.

Tip: To control a PTZ camera in a view, double-click the frame with the PTZ camera video stream in the view layout.



- 2 Move the mouse cursor over the image. The cursor changes shape in a navigation pad.
- 3 To move the camera, hold the left mouse button down and move the mouse. The PTZ camera point of view follows the mouse movement and speed.



4 To zoom in or out using optical zoom, roll the mouse wheel up and down. Alternatively, you can hold down the right mouse button and move the mouse forward and backward to zoom in and out.

Tip: In addition to moving the camera's field of view, you can also zoom in to an area of interest. For more information, see"Zooming In On a Camera" on page 119.



- 5 Righ- click the video stream to open the **Display Options** menu. The middle part of the menu is now enabled.
- 6 Control the PTZ camera focus and iris level, or recall one of the saved presets or tours by selecting the menu options. The following table provides descriptions of the PTZ options.

Note: Presets and PTZ tours are set up using RemoteControl, and/or the camera's Web Setup. For more information, see the VMS Configuration Guide.



Controlling PTZ Cameras

Option	Description
Focus	Select the Focus level.
Iris	Select the Iris level. The iris represents the aperture of the diaphragm.
Preset	Select one of the saved Presets .
Tour	Select one of the saved Tours .
Target tour	Select one of the saved Target tours . Note : Option available only for PTZ cameras connected to a VMS server.



Viewing Recorded Evidence

There are two ways you can view recorded evidence:

- View the most recent recorded evidence
- Search for recorded evidence

After you locate the evidence in which you are interested, you can play it using SiteManager's builtin playback tools.

If you find a particular image that you are interested in, you can save or print it. Or, if you find a segment of video that you want to keep for future use, you can save it as a video clip on your computer.

Viewing the Most Recent Recorded Evidence

You can view the last recorded evidence by selecting a camera in the virtual desktop and using the playback toolbar to select the recording sector you want to access.

To view the most recent recorded evidence

- 1 Access one or more cameras by doing one of the following:
 - Select the **Servers** tab and drag a camera into the virtual desktop. The camera appears.
 - Select the **Views** tab and drag a view into the virtual desktop. All cameras within the view appear.
- 2 Click the 🕒 🔨 button on the playback toolbar and select the recording sector you want to access.

Note: To select the Shadow Archive[™] (the local storage on the camera), you must configure it first on the VMS. For more information, see the VMS Configuration Guide.

3 If there are multiple cameras in the virtual desktop, select a camera. When you play back the video, all cameras in the view are synchronized to the selected camera's time. If synchronized video is not available for a camera, live images appear instead.

4 Click the **Play** button **D**.

The video starts playing from the beginning of the last recorded file.

5 Adjust the playback controls as required. For more information, see "Playing Recorded Video" on page 132.

Searching for Recorded Evidence

To locate recorded evidence in which you are interested, you can perform one of the following searches:

- **Visual search.** View a timeline to see where recorded evidence exists. Click within the timeline to go to the moment of interest.
- **Date and time search.** Search for evidence based on the date and time the evidence was captured.
- Metadata search. Use the integrated search engine for alarm triggered by an analytic or for text coming from a text insertion device.

Performing a Visual Search

The visual search allows you to select the playback starting point by clicking on a graphical timeline.

To perform a visual search

- 1 Access one or more cameras by doing one of the following:
 - Select the Servers tab and drag a camera into the virtual desktop. The camera appears.
 - Select the **Views** tab and drag a view into the virtual desktop. All cameras within the view appear.



2 Click the 2 button on the playback toolbar to select the recording sector.

Note: To select the Shadow Archive (the local storage on the camera), you must configure it first on the VMS. For more information, see the VMS Configuration Guide.

Click the platton to open the visual search menu.
 The turquoise areas indicate where recorded evidence exists.



Click the plus (+) and minus (-) buttons to select a larger or smaller time range.
 If there are multiple cameras in the virtual desktop, you can exclude cameras by clearing the corresponding check box.



- 5 Click the desired start time and click the **Play** button
 If there are multiple cameras in the virtual desktop, video playback is synchronized for all cameras. If synchronized video is not available for a camera, live images appear instead.
- 6 Adjust the playback controls as required. For more information, see "Playing Recorded Video" on page 132.



Performing a Date and Time Search

The date and time search allows you to directly specify the playback starting point.

To perform a date and time search

- 1 Access one or more cameras by doing one of the following:
 - Select the Servers tab and drag a camera into the virtual desktop. The camera appears.
 - Select the **Views** tab and drag a view into the virtual desktop. All cameras within the view appear.

😚 Sequences 🥙 Web 📮 Monitors 🔗 Events	
🗄 Servers 🛛 🖧 Groups 🛛 🖼 Waps	
P	
E-E VMS (connected)	
a S (connector)	
Camera 1	
- S Camera 2	📎 Camera 1 - VMS 🛛 🗙
—🚿 Camera 3	
— 🗞 Camera 4	and the second state of th
— 📎 Camera 5	
- 🗞 Camera 6	1 and the second s
- S Camera 7	
- S Camera 8	
- S Camera 9	
- S Camera 10	
	FI IT I POINT I POINT I
-X Camera 15	
-X Camera 16	
E t Auxes	
- + Aux 1	
— 🗄 Aux 2	
— 🔓 Aux 3	
— 🗄 Aux 5	
— 🗄 Aux 6	
— 🗄 Aux 7	
	LIVE - RECORDING - S000E00000000 Chiera 1 - 12 FEB 2000 110007018 - 900.50000
	10 00 🗆 D 11 DD D1 🕒 - 🗶 🕫 🖸 🔞 🚳
0 MUX 14	

2 Click the button on the playback toolbar to select the recording sector.

Note: To select the Shadow Archive (the local storage on the camera), you must configure it first on the VMS. For more information, see the VMS Configuration Guide.

3 Click the ^P button to open the date/time search window.

Find		×
Date:	10/08/2009	~
Time:	15.25.36	\$

- 4 In the **Date** and **Time** boxes, type or select the playback start date and time.
- 5 Click **Ok**.
- 6 Click the **Play** button **D** to start video playback. If there are multiple cameras in the virtual desktop, video playback is synchronized for all cameras. If synchronized video is not available for a camera, live images appear instead.
- 7 Adjust the playback controls as required. For more information, see "Playing Recorded Video" on page 132.

Tip: You can click the placed at the specified date and time.



Performing a Metadata Search

The metadata search allows you to search for recorded evidence connected to system alarms and alarms triggered by VideoSphere Analytics, or for text coming from a text insertion device.

To perform a metadata search

1 Access a VMS camera by selecting the **Servers** tab and dragging a camera into the virtual desktop. The camera appears.

WARNING: You can perform metadata searches only on cameras added to a VMS server — software version 2.1.1 or greater.

Tip: You cannot access the metadata search engine from a view. However, you can perform a search on multiple cameras added to a VMS server using the **Search** tool. For more information, see "Performing Metadata Searches on Multiple Cameras" on page 148.



2 Click the 2 button on the playback toolbar to select the recording sector.

Note: To select the Shadow Archive (the local storage on the camera), you must configure it first on the VMS. For more information, see the VMS Configuration Guide.

Click the potential button to open the visual search menu.
 The turquoise areas indicate where recorded evidence exists.



- 4 Click the plus (+) and minus (-) buttons to select a larger or smaller time range.
- 5 Click the *s* button to open the metadata search engine.



6 Select an alarm or the text insertion feature from the drop down menu.

Tip: For more information about the VideoSphere Analytics and the compatible devices, please visit <u>http://www.marchnetworks.com/products/video-and-data-analytics/video-analytics.aspx</u>.

Туре:	Motion	*	
Time p	Flow	^	
	Global motion Loitering Motion		16:32:40 😂
	Panic Permanency PTZ tracking		16:32:40 😂
∠ones Select		~	Reset

7 Configure the search time range by selecting the **Start** and **End** time and date.

Time peri	ou			
Start:	2009-08-09	~	10:20:57	*
End:	2009-09-10	~	10:20:57	\$

- 8 Refine the search by configuring the alarm advanced options. The advanced options are different for most of the alarms. The following list provides a description for the advanced options of every alarm.
 - **Global Motion, PTZ Tracking:** No further configuration needed.
 - Alarm: Specify the alarm you want to search in the Alarm to Search text box.

Tip: Select **Alarm** to search for alarms not triggered by the VideoSphere Analytics, for example a system alarm or the disconnection of a camera from an encoder.

Alarm to search	
Connector 1	

• Detail, Face, Fall, Motion, Panic, Permanency, Queue, Wire Cross, Wrong Way: Draw the image portion (Zone) where the search is performed. To draw the zone, click the left mouse button on the image and drag to define the search area. If you are not satisfied with the result, you can delete the zone clicking **Reset**.





• Flow: Select the **Count** zone and the **Source** zone from the drop down menus, and then configure the limit, threshold, or range of the search corresponding to the number of objects/people counted by the analyitc.

Note: The **Count** and the **Source** zones numbers correspond to the zones configured in the analytic setup.

Count zone:	Deepath zone	e1	*
Source:	Deepath zone	2	~
Higher than	~	5	*
Higher than Lower than			
Inside range			
Outside rang	1e	_	

• **Loitering**: Draw a zone as described above, and then configure the limit, threshold, or range of the search corresponding to the number of seconds a person is on the scene.

Zones	
Select a zone.	Reset
Loitering parameters	
Time [seconds]:	
Higher than 🗸 🗸	60 🛟
Higher than	
Lower than	
Inside range	
Outside range	

• **Speed**: Draw a zone as described above, and then configure the limit, threshold, or range of the search corresponding to the speed of a vehicle/person detected by the analytics. You can also select the unit of measurement: choose from meters per second, kilometers per hour, and miles per hour.

∼Zones Select a zone.		Reset
Speed parameters		
Higher than Higher than Lower than	80	
Inside range Outside range		

• **Tracking**: Draw two zones (source and destination) as described above. The first zone is represented on the image as a blue rectangle, the second zone as a red rectangle. You can exchange the order of the zones by clicking **Flip**.



After drawing the zones, configure the **Tracking parameters** for the search.

Tracking parameters
Search paths from Zone 1 to Zone 2
Search paths from Zone 1 to Zone 2 and viceversa
Search any paths crossing zones

• **Text Insertion**: Type the text to search and the text insertion device ID.

Simple	Advanced	
Void		
ID:	4	

You can also configure an advanced search. The advanced search allows you to narrow down the search to a specific section of the text.

Note: The text added to a camera is divided in three sections/columns: Prefix, Value, and Title.

Click the **Advanced** tab, type the text corresponding to the **Value** and/or **Title** sections, then type the text insertion device ID. You can also include the Prefix section in the search by selecting the **Include prefix** check box.

Cincela	Advanced	
Simple	Advanced	
Valu	e: Void	
	🔽 Include prefix	
Title	3:	
ID	: 5	

9 Click the \wp button to launch the search.

SiteManager automatically switches to the **Results** tabs and after a few moments the results appear on the search engine.

Tip: The search engine displays 100 results per page. You can scroll between the different pages using the toolbar at the bottom of the search engine

Data	- Begin	End
Motion	2009-09-07 12.21.56	2009-09-07 12.22.30
Motion	2009-09-07 12.33.18	2009-09-07 12.33.48
Motion	2009-09-07 12.34.27	2009-09-07 12.35.00
Motion	2009-09-07 14.09.03	2009-09-07 14.09.30
Motion	2009-09-07 14.11.10	2009-09-07 14.11.41
Motion	2009-09-07 14.12.14	2009-09-07 14.13.00
Motion	2009-09-07 14.22.22	2009-09-07 14.22.52
Motion	2009-09-07 15.01.47	2009-09-07 15.02.51

10 Click a result to select it. The cursor on the visual search bar automatically moves to the alarm starting time.



- 11 Click the **Play** button **b** to start video playback.
- 12 Adjust the playback controls as required. For more information, see "Playing Recorded Video" on page 132.

Playing Recorded Video

You can use the toolbar located at the bottom of each video window to play back recorded video.

IO OO DI DD DI	<u>⊳ , </u>
----------------	---

Command	Action
D	Go to the beginning of the recorded video.
	Rewind the video.
DD	You can right-click to enter continuous rewind mode; the rewind speed is determined by the clicking speed.
	Return to live mode.
D	Play the video.
11	Pause video playback.

Playback Controls

Playback Controls

Command	Action
0.0	Fast forward the video.
00	You can right-click for continuous fast forward mode; the fast forward speed is determined by the clicking speed.
DI	Go to the end of the recorded video.
•	Activate the window recorder feature. When the button is gray, the window recorder feature is not available.
	Before you can use the window recorder feature, you must first enable it. To enable this feature, click Options on the Tools menu. Click the Window recorder tab, enable the feature, and configure its settings. For more information, see the <i>SiteManager User Manual</i> .
	Save or print the image. You can save the image in .bmp (bitmap) and .jpg (jpeg) format.
$\left[\mathcal{S}^{2} \right]$	Enable or disable digital zooming. For more information, see "Zooming In On Video" on page 42.
((ca))	Mute or unmute the audio.

Saving and Printing Images

If you find an image of interest, you can save or print it.

To save an image

- 1 Access one or more cameras by doing one of the following:
 - Select the **Servers** tab and drag a camera into the virtual desktop. The camera appears.
 - Select the **Views** tab and drag a view into the virtual desktop. All cameras within the view appear.



- 2 Select the camera from which you want to save an image.
- Click the button on the playback toolbar.
 The **Export still image** dialog box appears.

Export still	image 🛛 🔀
 Save 	to file
O Print	

- 4 Click **Save to file** and click **Continue**. The Windows **Save As** dialog box appears.
- 5 Specify the location in which you want to save the image, type a custom name, and select the format in which you want to save it.

You can save the image in bitmap (.bmp - uncompressed) or Jpeg (.jpg - compressed) format. SiteManager automatically adds the screenshot information to the image.

Note: By default, the file name uses the following format: Server Name/IP Address - Image Date/ Time.



To print a screenshot

1 Access one or more cameras by doing one of the following:

- Select the Servers tab and drag a camera into the virtual desktop. The camera appears.
- Select the **Views** tab and drag a view into the virtual desktop. All cameras within the view appear.



2 Select the camera from which you want to print an image.

3 Click the 🖾 button on the playback toolbar. The **Export still image** dialog box appears.



- 4 Click **Print** and click **Continue**. The Windows **Print Setup** dialog box appears.
- 5 Configure the required options and click **OK**.

Saving Video Clips

If you have found evidence in which you are interested and you want to save it for future use, you can save it as a video clip on your computer.

To save a video clip

6 Perform a search to determine the start point for the exported video. For more information, see "Searching for Recorded Evidence" on page 124.



7 Right-click the selected start point and click **Set start for exported video**.
IG GG (18-02-2009 -	14.53	II DD	DI	- 10	p p 02-03-2009		1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -			02-03	-2009 - 11.0
09:40	09:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30 +
۲.				Set s	tart for e	xported	video				21
					end for ex irt video	ported v	ideo				

A green marker appears on the bar to indicate the start point.

D	00	0	Ш	DD	DI	0	-	99 99	0		Q	(0)				
18-02	2-2009	- 14.53						02-03-20	09 - 1	10.14.4	42				02-03	-2009 - 11.1
	09:40	09:50	1	0:00	10:10		10:20	10:30	1	0:40	10	:50	11:00	11:10	11:20	11:30 +
						1										2 h

8 Determine the end point of the recorded video. Right-click the selected point and click **Set end for exported video**.

10 00	0	II DD	DI	•	p p	0 🖂	() ()))				
10-02-2009	- 08.59				02-03-20	09 - 10.14.	.12			02-	03-2009 -	11.16
09:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	+
												2 h
4						Set start	for expo	orted vide	:0		III) 🗩	
						Set end f	or expor	ted video				
						Export vi	deo					

The selected video zone becomes red.

0-02-2009	- 08,59			- 11	99 99 02-03-20	O - 10.14 O	.12			02-	03-2009 -	11.1
09:50	10:00	10:10	10:20	10:30	10:40	10:50	11:00	11:10	11:20	11:30	11:40	+
		1										2

9 Right-click the red zone and click **Export video**.



The **Export selection** dialog box appears.

@ Export	t selection	×
Title:	VMS - Camera 1 - 20090126 053500	
Start:	lunedi 26 gennaio 2009 <table-cell> 5.35.00 😂</table-cell>	
End:	lunedi 26 gennaio 2009 💌 5.49.18 😂	
File:	C:\Documents and Settings\agiostra\My Document	
	☑ Include text insertion	
Input video	eo format: V Wavelet Enpacta M Mpeg4 V H264 V H264 V JPEG V JPEG2000	
-Video forn	mat	
Compres	ession: MultiCodec AVI	
Resoluti	tion: Low High 720x576 (D1)	
Quality:	1 Mbps	
	Fixed split size (MB) G00 Authenticate exported video	
	OK Cancel	

10 In the **Title** field type a descriptive name for the clip.

Note: By default, the file name uses the following format: *Server - Camera - Clip Date/Start Time*. 11 Refine or change the start and end time, as required.

- 12 Click the browse button 🔜 to select the location in which you want to save the video clip.
- 13 If you are using a text capture device, you can overlay captured text on the video clip by selecting the **Include text insertion** check box.

Start:	lunedî	26 gennaio	2009	~	5.35.00	\$
End:	lunedi	26 gennaio	2009	~	5.49.18	*
File:	C:\Docun	nents and Set	tings\ag	iostra'	My Docume	nt 🛄

- 14 Select the compression algorithm, the resolution, and, if required, the bit-rate quality (in megabytes) for the video clip.
- **WARNING:** Select a resolution in the same format (for example, 4x3 or 16x9) as the original camera to prevent the video from being stretched.

Compression:	MP4	*
Resolution:	Low 720x576 (D1)	' ' High

- 15 Optionally, you can select **Fixed split size** to automatically split the video clip into smaller files.
- 16 Optionally, you can select Authenticate exported video, to authenticate the video clip. The authentication process ensures that the video has been exported from a VMS server and that it has not been modified.
- 17 Click **OK** to save the video clip.

You can now control the saving process on the Video Export tab in the Log events interface.

Note: When you save multiple video clips, SiteManager exports one video clip at a time, automatically queueing the remaining video clips.

E Log actions 👃 Alarms 🖉 Video Export	📮 Server alert				
Title Source	Start time	End time	Progress	Status	Media size used
VMS - Camera 1 Camera 1 on VMS	2009-09-14 14.41.50	2009-09-14 14.44.27	14%	Writing data	2,20 MB
/ideo export 0:"VMS - Camera 1 - 20090914 14415	0" started. Source: Camera 1 or	n VMS, time range: 2009-09-14	14.41.50 - 2009-09-	1	
				-	

18 Right-click the progress bar to stop, pause, or resume the save process, or to remove video clips from the queue.



19 After the video clip is saved on your computer, you can right-click the progress bar and select **Open exported file** to view the video in a player. Or, you can select **Open container folder** to open the folder in which the video clip is saved.



Checking the Authenticity of a Video Clip

If the **Authenticate exported video** option is selected when you export a video clip, the clip includes a digital authenticity seal. The authentication process ensures that the video has actually been exported from a VMS server and that it has not been edited in any way after it was saved on your computer. You can check the authenticity of the video evidence at any time.

To check the authenticity of a video clip

- 1 Open the video container folder in Windows.
- 2 Select the video evidence you want to check.
- 3 Right click the video and select **Authentication check**.



The system checks the authenticity of the video clip. If the file has been exported from a VMS server and has not been edited, the authentication is successful.



If the file has not been exported from a VMS server or has been edited by an external program, the authentication fails.





SiteManager as a Portal

You can use SiteManager as a portal for the VMS server RemoteControl interface, as well as other VideoSphere applications and interfaces, such as the device's Web setup pages, and the VisionWeb server. In this way you can access the configuration tools for devices or servers without opening different windows.

Accessing VideoSphere RemoteControl

VideoSphere RemoteControl is the interface used to configure the VideoSphere VMS software. Using RemoteControl, you can add cameras to the VMS server, manage storage devices, and create recording sectors. For more information please consult the VMS Configuration Guide.

To access RemoteControl using SiteManager

• Right-click the VMS server in the graphical interface and select **Setup server**.



After a few moments RemoteControl loads and SiteManager automatically logs you on to the VMS server.

	Eventa Scriver setup			
	p SETUP>			
CanPX Fuoi INSIGNIS_002	General Settings:	Video Ma	anagement:	
MegaPX 1080p NVR 1 Quatec	Cocal	Cameras	CETY Menters	
Server 1 Server gloup 1	System	Dome Ma	inagement:	
Spectiva1 VMS vi_megapix2_610013	Calendar	Settings		
	Rystam Lug	Archive M	lanagement:	
		a storage	thatty mackings	
	User Management:	Recor	d Policy:	
	Users	Scheduler	Sectors	
	Certificates	Input / Output:		
	Connections	Xiarms	Auxes	
	Network Monagement:	Misce	llaneous:	
	Ser Er	Audio	Tant Insurfain	
	Redundancy	Custom Conditions		

You can now configure the VMS server.

To access a camera page on RemoteControl using SiteManager

- 1 Double-click the VMS server on the graphical interface to connect SiteManager to the VMS server. If the connection is successful the word **connected** appears next to the server name.
- 2 Double-click again the VMS server and then **Cameras** to expand the tree menu, where the VMS cameras are listed.

	5 (connected)
	Cameras
	📎 Camera 1
	📎 Camera 2
	😔 Camera 3
	No. 1080p
	🕺 Camera 5
	📎 Camera 6
	Auxes
<u>ب</u>	Alarms
(io))	Audio channels
+ ·· 8	Talk channels

3 Right-click a camera and select VMS setup.



After a few moments RemoteControl loads and SiteManager automatically logs you on to the VMS server. The **Cameras Configuration** menu is automatically accessed.

You can now configure the camera's options.

SETUP>CAMERAS CONFIGURATION>		I V	×
	Settings	Advanced	
		Settings:	
	Brand:	March Networks®	*
	Model:	VideoSphere MegaPX 1080p	~
	Name:	Camera 11	
	Address:	83.103.37.214	
	Port:	1194	\$
	Login:	admin	
	Password:		
	E	Enabled	
	Source Camera:		Y
	Compression Codec:	Device Dependent	Y
	Compression Encoder:	Encoder 1 🛛 😽	
	Encoder Type:	Device Dependent	Y
	Transport Protocol:	Device Dependent	×
	Encoder Resolution:	Device Dependent	Y
Size: 3.80kbytes BandWidth: Calculating	Setup:	Open	
· ····································			
Camera: Camera 11 🗸 🗸 New Delete			
Discovery Delete All			

Accessing the VideoSphere Web Setup Pages

You can configure VideoSphere cameras and encoders using the Web setup, which is an intuitive Web page that allows you to set options on a Web page structure. The web setup appearance and structure is different for most of the VideoSphere devices.

Tip: You can also access the Web setup pages of cameras added to the VMS server using RemoteControl.

To access the Web Setup pages using SiteManager

- 1 Double-click the VMS server on the graphical interface to connect SiteManager to the VMS server. If the connection is successful the word **connected** appears next to the server name.
- 2 Double-click again the VMS server and then **Cameras** to expand the tree menu, where the VMS cameras are listed.



Right-click a camera and select **Edge device setup**. After a few moments the interface loads.



3 Specify the **user name** and **password** for the device and click **OK**.

Connect to 8	3.103.37.204	28	2	
1				
The second sta	103.37.204 at DefaultFiel		1	
upername and	pessword.			
Warning: This is password be so without a security	perver is requesting that y ont in an insecure manner re connection).	our usemane and (basic authentication		
User name:	2			
Password				
	Ramandar my	password		
	OK	Cancel	-	

4 After logging on, the **Setup** page loads and you can configure the device.

Note: The Web Setup may require the installation of a specific ActiveX control to display its content. Click the warning bar and select **Run Add-On**, and then click **Run** on the dialog box. After a few moments the Web Setup interface loads.

A Consector 1 A Consector 1 A Consector 1 A Consector 1 A Consector 1 A Consector 1 A Consector 2 A Consector 2 B Consector 2		-	6	
Resolution: 22b376 01 v Rt creation: 20b376 01 v Bt creation: 4006 Stops (JAN) v Farme office: 5 0s v Tage: Select a tage v Double: 0 v Double: 0 v	and the second second second second			11 - 1
Resistor Packford	video input: Connector 1			
Attractive Bit rate (Opto) (1000 Bogs (LAR) * Pares state: 25 fps Tage: Level x top Broader 3 10 Broader 4 10	Resolution: 720x576 D1			
Pane site: 25 for 14 Table Sect a top 14 Table Sect a top 14 Table Sect a top 14 Table 3 Table 3 Table 3 Table 4 Table	era Bit rate (kbps): 4096 Kbps (LAN)		- 10	
ylar Broader 3 in Broader 3 in Broader 4 in	Frame rate: 25 fps	¥	1.2	
gear Brade 3 in Drade 4 in	Tag: Select a tag		and the second se	Sec. 2
Encoder 4 m	Encoder 2	.10		
	Breader 3			a second
The set of	Submt			
View: Camera 2				Camera 2

Accessing the VideoSphere VisionWeb Servers

All VideoSphere cameras and encoders have an integrated Web server, called VisionWeb, that allows you to access live video from every computer connected to the Internet using Microsoft Internet Explorer®.

The VisionWeb appearance and structure varies slightly for each VideoSphere device.

WARNING: The VisionWeb server can be accessed only if the VideoSphere device has been added to SiteManager as a server. For more information, see "Adding a VMS Server" on page 23.

To access the VisionWeb server using SiteManager

1 Right-click a VideoSphere camera or encoder in the graphical interface and select **Full interface**.



After a few moments the interface loads.

2 Specify the username and password of the device.



After you log on, the VisionWeb interface loads and you can access live video from the device.

Note: VisionWeb may require the installation of a specific ActiveX® control to display its content. Click the warning bar and select **Run Add-On**, and then click **Run** on the dialog box. After a few moments the VisionWeb interface loads.





Using the SiteManager Tools

SiteManager includes a number of useful integrated tools that you can use to create and consult a dynamic log, manage IDs, update the VMS server ActiveX® libraries on the client, and screen record your SiteManager activity.

Managing Active X Libraries

The ActiveX® manager allows you to view the status of the VideoSphere ActiveX libraries on the computer running SiteManager. The tool also allows you to update the ActiveX libraries for the VMS server and for the other VideoSphere devices.

To manage the VMS server ActiveX libraries

1 Click **Tools** on the menu toolbar and select **ActiveX manager**.



After a few seconds the ActiveX Manager appears.

The tool shows the status of the ActiveX libraries for every type of VideoSphere server or device that can be added.

Name	Description	Version	Installed	Path
inearis	VideoSphere NVR Mini (Linearis)	1.7.1.1204	Yes	C:\Program Files\MarchNetworks\Si.
Proxima	Proxima DVMS 2.0	4.0.9.327	Yes	C:\Program Files\MarchNetworks\Si.
Proxima	Proxima DVMS 3.0	4.0.9.327	Yes	C:\Program Files\MarchNetworks\Si.
Proxima	Proxima DVMS 4.0	4.0.9.327	Yes	C:\Program Files\MarchNetworks\Si.
ipectiva	VideoSphere NVR/VMS	2.9.77.202	Yes	C:\Program Files\MarchNetworks\Si.
pectiva	VideoSphere Edge Devices	2.9.77.202	Yes	C:\Program Files\MarchNetworks\Si.
ipectiva	Sonora	2.9.77.202	Yes	C:\Program Files\MarchNetworks\Si.
/MS_2.1	VideoSphere VMS 2.1	2.1.106.209	Yes	C:\Program Files\MarchNetworks\Si.

- 2 The list can be sorted by Name, Description, firmware Version, and ActiveX installation Path.
- 3 You can update the VMS server ActiveX libraries using the ActiveX Manager tool by clicking the ² button, typing the VMS server IP address, and clicking **OK**.

	X
Server address:	
	Ok

4 Repeat the steps 1-4 to update the libraries for the other VideoSphere devices.

Performing Metadata Searches on Multiple Cameras

The search engine is a tool that allows you to search for alarms, metadata, or text coming from text insertion device on multiple cameras belonging to different VMS servers.

WARNING: You can perform searches only on cameras added to VMS servers — software version 2.1.1 or greater.

To perform metadata searches on multiple cameras

1 Click **Tools** on the menu toolbar and select **Search**.

Too	ls Window Help
ß	ActiveX manager
se	Search
Ø	Browser
ŵ	IDs table
	Log explorer
Y	Options
	Start desktop recording

The search engine appears.

🧧 Search				
Search in:		Type: Ala	rm	~
		Time period	ł	
		Start: 2	2009-09-09	15:09:17 😂
		End: 2	2009-09-10	15:09:17 😂
		Alarm to se	arch	
Camera	🔻 Begin	End	Data	<i>6</i>
Camera	- Begin	End	Data	<i>6</i>
Camera	- Begin	End	Data	
Camera	- Begin	End	Data	
Camera	Begin	End	Data	
Camera	- Begin	End	Data	
Camera	Begin	End	Data	
Camera	Begin	End	Data	

2 Select a camera or a server in the left graphical interface, drag it from the graphical interface and *drop* it into the **Search in** panel.

The camera/server icon appears on the panel.

😵 Sequences	🖄 Web	D Monitors	General Events	Search						X
Servers	🖧 Groups	Views	E Maps	Search in:						
			P	Search In:			Type: A	Alarm	~	
NVR 1 (error	d .		~				Time per	iod		
😑 🗐 Quattro (con							Start	2009-09-09	15:09:17	\$
😑 📎 Cameras				Camera 1						
—🚿 Cam							End	2009-09-10	15:09:17	
📎 Cam							Alarm to	and the second se		
🚿 Cam	iera 4						Alarm to	search		
🗈 🍐 Auxes										
- Alarms	a second a lat						L			
Audio ch				$\boldsymbol{\nu}$						
Server group				1						
UMS (conner										
- S Cameras										
- S Cam										
- 😓 Cam										
🦠 [9] C										20
								_		
📎 Cam				Camera		⇒ Begin	End	Data		
- 🗞 Cam										
Same Same										
E Auxes	iera 13									
△ Alarms										
€ (∞) Audio ch	hannels									
🖮 🖉 Talk cha										
VMS1 (error)										
V\$1080P2E3	3E7A									
- 🗐 spectiva3										
vs_camD_68										
vs_camH_51										
vs_cam_550										
vs_dome_PT										
vs_edge1_2		in all		10 (> DI					
	_oruora (connec	leuj	<u>×</u>							

3 After adding the required cameras/servers to the search engine, select an alarm or the text insertion feature from the drop down menu.

Type:	Motion	*		
Time p	Flow	^		
Sta			16:32:40	*
	Panic Permanency PTZ tracking Queue		16:32:40	*
Zones Select	Queue a zone.	~	Re	set

4 Refine the search by configuring the alarm advanced options.

Note: The advanced options are different for every alarm. For more information, see "Performing a Metadata Search" on page 127.

5 Click the \wp button to launch the search.

After a few seconds the results appear in the bottom side of the search engine.

Search in:		Type: Motion			~	
@ @	0	Time period		`		
VO VO	NO.	Start: 2009-08-	09	~	15:09:17	\$
Camera 1 Camera 12 0	Camera 13	End: 2009-09-	10	~	15:09:17	\$
Camera	- Brain	1057 results in 11 pa	-			م (
Camera	- Begin	End	Data			م (
🗞 VMS - Camera 13	2009-09-10 03.08.10	End 2009-09-10 03.08.13	Data Motion) 6
VMS - Camera 13 VMS - Camera 13	2009-09-10 03.08.10 2009-09-10 03.08.35	End 2009-09-10 03.08.13 2009-09-10 03.08.35	Data Motion Motion) e
♦ VMS - Camera 13 ♦ VMS - Camera 13 ♦ VMS - Camera 13	2009-09-10 03.08.10	End 2009-09-10 03.08.13	Data Motion			ء (ا
 VMS - Camera 13 	2009-09-10 03.08.10 2009-09-10 03.08.35 2009-09-10 03.14.02	End 2009-09-10 03.08.13 2009-09-10 03.08.35 2009-09-10 03.14.02	Data Motion Motion Motion			م (
VMS - Camera 13	2009-09-10 03.08.10 2009-09-10 03.08.35 2009-09-10 03.14.02 2009-09-10 03.18.17	End 2009-09-10 03.08.13 2009-09-10 03.08.35 2009-09-10 03.14.02 2009-09-10 03.18.17	Data Motion Motion Motion Motion			م (
VMS - Camera 13	2009-09-10 03.08.10 2009-09-10 03.08.35 2009-09-10 03.14.02 2009-09-10 03.18.17 2009-09-10 03.18.03	End 2009-09-10 03.08.13 2009-09-10 03.08.35 2009-09-10 03.14.02 2009-09-10 03.18.17 2009-09-10 03.19.03	Data Motion Motion Motion Motion Motion			م (
VMS - Camera 13	2009-09-10 03.08.10 2009-09-10 03.08.35 2009-09-10 03.14.02 2009-09-10 03.18.17 2009-09-10 03.19.03 2009-09-10 03.19.57	End 2009-09-10 03.08.13 2009-09-10 03.08.35 2009-09-10 03.14.02 2009-09-10 03.18.17 2009-09-10 03.19.357	Data Motion Motion Motion Motion Motion			م (
VMS - Camera 13	2009-09-10 03 08.10 2009-09-10 03 08.35 2009-09-10 03 14.02 2009-09-10 03 18.17 2009-09-10 03 18.17 2009-09-10 03 19.57 2009-09-10 03 29.58	End 2009-09-10 03.08.13 2009-09-10 03.08.35 2009-09-10 03.14.02 2009-09-10 03.18.17 2009-09-10 03.19.03 2009-09-10 03.19.57 2009-09-10 03.29.58	Data Motion Motion Motion Motion Motion Motion			م (
VMS - Camera 13	2009-09-10 03 08.10 2009-09-10 03 08.35 2009-09-10 03 14.02 2009-09-10 03 18.77 2009-09-10 03 18.77 2009-09-10 03 18.57 2009-09-10 03 28.58 2009-09-10 03 28.58	End 2009-09-10 03 08.13 2009-09-10 03 08.35 2009-09-10 03 08.35 2009-09-10 03 14.02 2009-09-10 03.18.17 2009-09-10 03.18.17 2009-09-10 03.28.58 2009-09-10 03.28.58	Data Motion Motion Motion Motion Motion Motion) &
VMS - Camera 13	2009-09-10 03.08.10 2009-09-10 03.08.35 2009-09-10 03.18.35 2009-09-10 03.18.17 2009-09-10 03.19.03 2009-09-10 03.19.57 2009-09-10 03.29.58 2009-09-10 03.29.58 2009-09-10 03.35.04	End 2009-09-10 03 08 13 2009-09-10 03 08 35 2009-09-10 03 18 402 2009-09-10 03 18 402 2009-09-10 03 18 03 2009-09-10 03 18 57 2009-09-10 03 28 58 2009-09-10 03 28 04	Data Motion Motion Motion Motion Motion Motion Motion			۵ (
VMS - Camera 13	2009-09-10 03 08.10 2009-09-10 03 08.35 2009-09-10 03 14 02 2009-09-10 03 14 02 2009-09-10 03 18.17 2009-09-10 03 19.03 2009-09-10 03 39.58 2009-09-10 03 39.54 2009-09-10 03 35.64 2009-09-10 03 35.64	End 2009-09-10 03 08.13 2009-09-10 03 08.13 2009-09-10 03 08.35 2009-09-10 03 18.07 2009-09-10 03 18.07 2009-09-10 03 18.07 2009-09-10 03 30.04 2009-09-10 03 35.04 2009-09-10 03 35.63	Data Motion Motion Motion Motion Motion Motion Motion Motion) 0
Contes WM-S-Camera 13	2009-09-10 03 08.10 2009-09-10 03 08.35 2009-09-10 03 14.02 2009-09-10 03 14.07 2009-09-10 03 19.17 2009-09-10 03 19.57 2009-09-10 03 39.58 2009-09-10 03 35.04 2009-09-10 03 35.53 2009-09-10 03 37.54	End 2009-09-10 03 08.13 2009-09-10 03 08.35 2009-09-10 03 08.35 2009-09-10 03 14.02 2009-09-10 03 14.02 2009-09-10 03 19.03 2009-09-10 03 35.04 2009-09-10 03 35.53 2009-09-10 03 35.53	Data Motion Motion Motion Motion Motion Motion Motion Motion Motion)

6 Double-click a result to open the related camera in the virtual desktop.

	1	Type: Motion			~	
		Time period				
1110 H.S.	~	Start: 2009-0	18-09	~	15:09:17	\$
and the second second	nera 13	End: 2009-0	9.10	~	15:09:17	\$
	-	Cild. 2000 C	2010		13.05.17	Y
anera 48 - A.EMBpo						
	105					
2 -						
p p 💿 💽 🔍 🕪 📌						
		1057				
		1057 results in 11	pages			
		1057 results in 11	pages			٦ (
Camera	💌 Begin	1057 results in 11	pages Data			3 6
Camera SVMS - Camera 13	 Begin 2009-09-10 03.08.10 		Data) 6
	control and a second of the second se	End	Data 3 Motion) 6
🗞 VMS - Camera 13	2009-09-10 03.08.10	End 2009-09-10 03.08.13	Data 3 Motion 5 Motion) 6
♦ VMS - Camera 13 ♦ VMS - Camera 13	2009-09-10 03.08.10 2009-09-10 03.08.35	End 2009-09-10 03.08.13 2009-09-10 03.08.35	Data Motion Motion 2 Motion			<u>ء (</u>
 ♦ VMS - Camera 13 ♦ VMS - Camera 13 ♦ VMS - Camera 13 	2009-09-10 03.08.10 2009-09-10 03.08.35 2009-09-10 03.14.02	End 2009-09-10 03.08.13 2009-09-10 03.08.35 2009-09-10 03.14.02	Data Motion Motion Motion Motion Motion) 6
 VMS - Camera 13 	2009-09-10 03.08.10 2009-09-10 03.08.35 2009-09-10 03.14.02 2009-09-10 03.18.17	End 2009-09-10 03.08.13 2009-09-10 03.08.35 2009-09-10 03.14.02 2009-09-10 03.18.17	Data Motion Motion Motion Motion Motion) 6
VMS - Camera 13	2009-09-10 03.08.10 2009-09-10 03.08.35 2009-09-10 03.14.02 2009-09-10 03.18.17 2009-09-10 03.18.17	End 2009-09-10 03.08.13 2009-09-10 03.08.35 2009-09-10 03.18.17 2009-09-10 03.18.17 2009-09-10 03.19.03	Data Motion Motion Motion Motion Motion Motion) 6
VMS - Camera 13	2009-09-10 03.08.10 2009-09-10 03.08.35 2009-09-10 03.14.02 2009-09-10 03.18.17 2009-09-10 03.18.17 2009-09-10 03.19.03	End 2009-09-10 03.08.13 2009-09-10 03.08.35 2009-09-10 03.14.02 2009-09-10 03.18.17 2009-09-10 03.19.03 2009-09-10 03.19.57	Data Motion Motion Motion Motion Motion Motion Motion Motion) 6
VMS - Camera 13	2009-09-10 03 08.10 2009-09-10 03 08.35 2009-09-10 03 14 02 2009-09-10 03 18 17 2009-09-10 03 18 17 2009-09-10 03 19 57 2009-09-10 03 29 58	End 2009-09-10 03.08.13 2009-09-10 03.08.32 2009-09-10 03.14.02 2009-09-10 03.14.02 2009-09-10 03.19.03 2009-09-10 03.19.03 2009-09-10 03.29.58	Data Data Motion) &
VMS - Camera 13	2009-09-10 03.08.10 2009-09-10 03.08.35 2009-09-10 03.08.35 2009-09-10 03.18.17 2009-09-10 03.19.03 2009-09-10 03.19.57 2009-09-10 03.29.58 2009-09-10 03.30.04	End 2009-09-10 03.08.13 2009-09-10 03.08.3 2009-09-10 03.14.02 2009-09-10 03.18.17 2009-09-10 03.19.05 2009-09-10 03.29.56 2009-09-10 03.29.56	Data 3 Motion 5 Motion 2 Motion 3 Motion 3 Motion 3 Motion 4 Motion			۹ (
VMS - Camera 13	2003-03-10 03.08.10 2003-03-10 03.08.35 2003-03-10 03.14.02 2003-03-10 03.18.17 2003-03-10 03.18.17 2003-03-10 03.18.57 2003-03-10 03.28.58 2003-03-10 03.30.04 2003-03-10 03.35.04	End 2009-09-10 03.08.13 2009-09-10 03.08.23 2009-09-10 03.14.02 2009-09-10 03.19.03 2009-09-10 03.19.03 2009-09-10 03.19.03 2009-09-10 03.30.04 2009-09-10 03.30.04	Data 3 Motion 5 Motion 5 Motion 2 Motion 3 Motion 3 Motion 3 Motion 4 Motion 4 Motion 3 Motion			۹ (
VMS - Camera 13	2009-09-10 03.08.10 2009-09-10 03.08.35 2009-09-10 03.14.02 2009-09-10 03.18.17 2009-09-10 03.19.13 2009-09-10 03.29.58 2009-09-10 03.29.58 2009-09-10 03.35.04 2009-09-10 03.35.04	End 2009-09-10 03.08 13 2009-09-10 03.08 23 2009-09-10 03.14 02 2009-09-10 03.14 02 2009-09-10 03.19 57 2009-09-10 03.19 57 2009-09-10 03.29 58 2009-09-10 03.35 06 2009-09-10 03.35 53	Data 3 Motion 5 Motion 5 Motion 7 Motion 3 Motion 4 Motion 4 Motion 4 Motion 4 Motion 4 Motion 4 Motion			۹ (
VMS - Camera 13 VMS - Camera 13	2009/09/10/03/08/10 2009/09/10/03/10/03/10/00/5 2009/09/10/03/18/17 2009/09/10/03/18/17 2009/09/10/03/19/32/59 2009/09/10/03/29/59 2009/09/10/03/35/04 2009/09/10/03/35/53 2009/09/10/03/35/53	End 2009-09-10 03.08 13 2009-09-10 03.08 23 2009-09-10 03.14 02 2009-09-10 03.14 02 2009-09-10 03.19 02 2009-09-10 03.19 02 2009-09-10 03.35 02 2009-09-10 03.35 53 2009-09-10 03.37 56	Data 3 Motion 5 Motion 5 Motion 7 Motion 3 Motion 4 Motion 4 Motion 4 Motion 3 Motion 4 Motion 4 Motion 5 Motion			۹ (

Tip: You can also display the camera on a monitor by right-clicking a result, pointing to **Send Camera #** to monitor and selecting the monitor.

📎 VMS - Camera 13	20	09-09-28 10	13.56	2009-09-	28 10.14.53
👒 VMS - Camera 1	Show "Camera 13"		14.26	2009-09-	28 10.14.26
👒 VMS - Camera 1	Send "Camera 13" to	monitor 🕨	DS Prima	ary	28 10.14.56
👒 VMS - Camera 1	20	09-09-28 10	Ds Seco		28 10.15.18
🦠 VMS - Camera 13	20	09-09-28 10	Monitor	1	28 10.18.13
🦠 VMS - Camera 1	20	09-09-28 10	Monitor	2	28 10.15.36
🦠 VMS - Camera 1	20	09-09-28 10	Monitor	3	8 10.16.27
🦠 VMS - Camera 1	20	09-09-28 10	.16.51	2009-09-3	28 10.16.51
🦠 VMS - Camera 1	20	09-09-28 10	.17.46	2009-09-3	28 10.17.46
👒 VMS - Camera 1	20	09-09-28 10	.18.10	2009-09-3	28 10.18.10

- 7 Click the **Play** button **b** to start video playback.
- 8 Adjust the playback controls as required. For more information, see "Playing Recorded Video" on page 132.

Finding VideoSphere Servers/Devices

The browser is an integrated tool that allows you to search the network for VideoSphere products (cameras, encoders, DVRs and VMS servers), and add them to the SiteManager. This integrated browser is a light version of the VideoSphere Browser (*Find my device*) search engine that is included as part of the VideoSphere software suite.

Note: For more information about using the browser, see "Adding a VMS Server" on page 23 and "Adding a VMS Server Using SiteManager's Integrated Browser" on page 27.

ext based filter:	✓ Name	Model	Version	
	8	VideoSphere VMS 2.1	2.1	
Aodel filter	- CamPTZ	VideoSphere Dome micro	CamPTZ REL 1.0.1 (17:43:42 Nov 10 2008)	
Voderniter.	CRI-PC-WINDOWS7	VideoSphere VMS 2.1	21	
Lineans Nettuno CamPX Senses	DVMS	VideoSphere VMS 2.1	2.1BETA10	
Nettuno HTR	INSIGNIS-NVR20-RT	VideoSphere NVR/VMS	2.0.1BETA4	
Nettuno Mini	INSIGNIS-NVR20-SVE	VideoSphere NVR/VMS	2.0.1BETA4	
Nettuno Senses Proxima Mini	INSIGNIS-VMS20	VideoSphere NVR/VMS	2.0.1BETA4	
VideoSphere CamPX	InsignisSun1	VideoSphere VMS 2.1	2.1	
VideoSphere CamPX D	🗐 InsignisSun1	VideoSphere VMS 2.1	2.1	
VideoSphere CamPX H264 VideoSphere Dome	L001111CF4B5D	Linearis	v1.07.01b6	
VideoSphere Dome micro	L001CC029DA09	Linearis	v1.07.01b6	
VideoSphere Dome mini	📋 Nettuno Senses	Nettuno Senses	1.0.4 beta 8 (15:32:50 Apr. 4 2008)	
VideoSphere Edge 1 VideoSphere Edge 4	PIPPO-0D 348 3801	VideoSphere NVR/VMS	2.0	
VideoSphere Edge 4	🗄 Quattro	VideoSphere Edge 4	Quattro REL DP 1.0.6 (15:11:27 Jan 20 2009)	
VideoSphere MegaDome	🗄 Quattro	VideoSphere Edge 4	Quattro REL DP 1.0.1 (17:31:59 Nov 10 2008)	
✓ VideoSphere MegaPX 1080p ✓ VideoSphere MegaPX 1080p S	SMDS_86B1A27A	VideoSphere Edge Decode Station	1.3.0.256 SVENTRAX NO HID	
VideoSphere MegaPX 1000p 5	VS1080P2E7312	VideoSphere MegaPX 1080p	1.3.5-20090303143325	
VideoSphere MegaPX 720p	VS1080P2E9292	VideoSphere MegaPX 1080p	1.3.8-20090309181042	
VideoSphere NVR Mini VideoSphere NVR/VMS	VS1080P2EA5A3	VideoSphere MegaPX 1080p	1.3.8-20090310093003	
VideoSphere NVH/VMS VideoSphere VMS 2.1	VS1080P610747	VideoSphere MegaPX 1080p	1.3.8-20090310093003	
	VS1080P610748	VideoSphere MegaPX 1080p	1.3.8-20090310093003	
	vs_cam_550E21	VideoSphere CamPX	2.2.0 beta 1 (18:08:45 Feb 20 2009)	
	vs_campx_550E1F	VideoSphere CamPX	2.1.0 (15:07:08 Nov 4 2008)	
	vs_dome_0201E1	VideoSphere Dome	2.1.1 RC1 (19:26:35 Dec 18 2008)	
	vs_dome_550E23	VideoSphere Dome	2.2.0 beta 3 (16:52:12 Mar 9 2009)	
	vs_edge1_20001F	VideoSphere Edge 1	2.1.1 beta 9 (10:42:33 Nov 26 2008)	
	vs_edge1_200C30	VideoSphere Edge 1	2.1.1 beta 9 (10:42:33 Nov 26 2008)	
	vs_M2_600377	VideoSphere MegaPX 2	2.1.1 RC1 (19:26:35 Dec 18 2008)	
	😔 vs_Mdome_61039F	VideoSphere MegaDome	2.1.1 RC2 (14:50:36 Jan 20 2009)	
	vs megapx2 610013	VideoSphere MegaPX 2	2.1.0 (15:07:08 Nov. 4.2008)	

Managing Unique IDs

The IDs table is a database of all assigned IDs. The unique ID is an identifier for the resource and enables you to recall the resource with an external device, such as a keyboard. You can review the list of IDs or delete a unique ID in the IDs table.

To review the unique IDs

1 Click **Tools** on the menu toolbar and select **IDs table**.

Too	ls Window Help
G3	ActiveX manager
se	Search
ø	Browser
100	IDs table
	Log explorer
Y	Options
	Start desktop recording

2 The IDs table appears, and displays a list of resources and their unique IDs.

n D	s table					
\$4						
ID	Туре	Resource				
4	Camera	MegaPX 1080p: Primary stream				
6	Camera	vs_megapx2_610013: Encoder 1				
8	View	View 1				
3	Panorama	Panorama 1				
7	Мар	Map 1				
10	Monitor	Monitor 1				
11	Web resource	March Networks Homepage				
12	Web resource	March Networks EMEA				
_						
_						
1	Add R	lemove				
-						

You can filter the IDs list by clicking the resource icons.

Resource Icons

ID	Туре	Resource
4	Camera	MegaPX 1080p: Primary stream
6	Camera	vs_megapx2_610013: Encoder 1
8	View	View 1
3	Panorama	Panorama 1
11	Web resource	March Networks Homepage
12	Web resource	March Networks EMEA

To delete a unique ID

- 1 Click **Tools** on the menu toolbar and select **IDs table**.
- 2 In the **IDs table**, select a resource in the list and click **Remove**.

Note: Deleting a unique ID does not affect any of the other SiteManager capabilities. SiteManager removes the unique ID without asking for confirmation.

To assign a unique ID to a resource

1 Click **Tools** on the menu toolbar and select **IDs table**.

2 Click **Add** to assign a new unique ID to one of the resources added to SiteManager. The **Resource ID** menu appears.

Туре:	Camera	~
Server:	VMS	~
Resource:	CamPX	~
Unique ID:	7	

- 3 Select the resource **Type**.
- 4 Select the **Server** (if applicable), to which the resource is connected.
- 5 Select the **Resource**.
- 6 Select the **Unique ID** number.

Note: SiteManager notifies you when a unique ID has already been assigned to another resource.

7 Click **OK** to assign the new ID to the resource.

♦ 4 8 8 9 0					
ID	Туре	Resource			
4	Camera	MegaPX 1080p: Primary stream			
6	Camera	vs_megapx2_610013: Encoder 1			
7	Camera	VMS: CamPX			
8	View	View 1			
11	Web resource	March Networks Homepage			
12	Web resource	March Networks EMEA			

Viewing the System Log

The **Log explorer** is a tool that allows you to navigate and search the system log. You can access the log in one of the following formats:

- Text file format
- Database format

For more information about configuring the log options, see "Configuring the Log Options" on page 168.

Viewing the System Log in Text File Format

When you select the Log on file option, you can view the system log as a text file. You can also retrieve or export the log.

To view the system log in text file format

1 Click **Tools** on the menu toolbar and select **Options**.

Fools Window	Help
🔒 ActiveX mar	nager
s ^e Search	
🖉 Browser	
🔊 IDs table	
E Log explore	r
Options	
Start deskto	op recording

2 Click the **Log** tab.

Screen recorder	Window recor	der Confi	guration	Visualization	Proxy settings
General	Input devices	Log	Alarm	notification	SMTP settings
🛃 Log on file —					
Log file path: C:	Documents and S	ettings\All User:	sVApplicatio	n Data\Insignis	
🔽 Auto split	size (KB)	500			
Log on databa	se				
Connection string:		icrosoft.Jet.OLE	DB.4.0;Us	er ID=admin:Dat	
een noeden en nig					
				Dump	
				Advanc	ed
		ОК		Cancel /	Apply

- 3 Select the **Log on file** check box to automatically save the log as a text file.
- 4 Type the **Log file path** where you want to save the file, or click the browse button and browse to the location.
- 5 Select the **Auto split size** check box to automatically create a new log file when the previous one reaches a specified size (in Kilobytes) and specify a file size.
- 6 Click **Advanced** to manually customize the database content by selecting or clearing the check boxes.

Category	Туре	Window	File	Database	
	ref removed				^
	deleted				
	showing				
	hiding		 <td></td><td></td>		
3dmap					
	added				
	edited				
	renamed				
	ref added				
	ref moved			N	
	ref removed				
	deleted				
	showing	V			
	hiding				
layout					
	added				
	edited		~		
	renamed		× × ×		
	deleted				
monitor					
	added				
	deleted				
	connect				
	disconnect		>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>		
	renamed	~	~		
	blanked			V	
	unblanked				
monitoraroun				1000	~

7 Click **OK** to confirm the log creation.

You can now view the log using the Log Explorer.

8 Click Tools on the menu toolbar and select Log explorer.



After a few seconds, the Log Explorer appears.



9 Select the log file using the drop down menu.

Tip: By default, the log explorer shows the latest log file.



- 10 Click the Solution to **Refresh** the log.
- 11 Click the 🖻 button to **Split** the log file and create a new starting point. You can also search for a keyword inside the log using the quick search box.



Viewing the System Log in Database Format

When you select the Log on Database option, you can view the system log as a database that you can filter to quickly locate the entry in which you are interested.

To view the system log in database format

1 Click **Tools** on the menu toolbar and select **Options**.

Fools Win	dow Help	
🔒 ActiveX	manager	
s ^e Search.		
Ø Browse	r	
🖧 IDs tab	le	
🗏 Log exp	olorer	
Options		
Start de	esktop recording	

2 Click the **Log** tab.

Screen recorde	er V	√indow reco	rder	Configur	ation	Visualization	Proxy settings
General	Input	devices	Log)	Alarm	notification	SMTP settings
Log on file							
Log file path:	C:\Docu	ments and S	Settings V4	All Users\A	pplication	n Data\Insignis	
🗹 Auto s	plit size (ł	(B)	500				
Log on data	abase						
Connection stri	ing:	Provider=N	/licrosoft.	Jet.OLEDE	.4.0;Use	er ID=admin;Dat	
						Dump)
						Advan	ced
				OK		Cancel	Apply

- 3 Select the **Log on database** check box to create a shared database.
- 5 Click **Advanced** to customize the database content by selecting or clearing the check boxes.

			File	Database	
	ref removed	~	Image: A start and a start	~	1
	deleted				
	showing		Image: A state of the state		
	hiding				
3dmap	and the second se	a share	Salar Salar	Sec. 1	
	added		Image: A start and a start	Image: A start and a start	
	edited	Image: A start and a start			
	renamed	Image: A start and a start	~		
	ref added	Image: A start and a start	Image: A start of the start		
	ref moved	Image: A start and a start	Image: A state of the state	 Image: A start of the start of	
	ref removed	V	 Image: A second s		
	deleted		Image: A start and a start	 Image: A set of the set of the	
	showing				
	hiding		Image: A start and a start	~	
layout					
	added	Image: A start and a start	Image: A start and a start	 Image: A set of the set of the	
	edited		~	 Image: A set of the set of the	
	renamed			~	
	deleted		Image: A state of the state	 Image: A set of the set of the	
monitor					
	added	V	~	~	
	deleted	Image: A start and a start	~	 Image: A set of the set of the	
	connect		~		
	disconnect	 ✓ ✓ 	V	~	
	renamed	×		~	
	blanked		~	~	
	unblanked	× .	~		
monitoraroun					

6 Click **OK** to confirm the database creation.

You can view the log database using the Log Explorer.

7 Click **Tools** on the menu toolbar and select **Log explorer**.



The Log Explorer appears.

8 Click the **Log on database** tab to access the log database.



The filtering and searching options are displayed in the upper part of the database window.

9 Click one or more icons on the filtering toolbar to filter the database entries. The following table provides descriptions of the toolbar options.



Log on Database Toolbar

3	
lcon	Action
សា	Filter by application.
8	Filter by user and certificates.
	Filter by server.
•	Filter by camera.

Log on Database Toolbar

lcon	Action
10	Filter by auxiliary device.
4	Filter by alarm.
(103)	Filter by audio channel.
P	Filter by talk channel.
&	Filter by group.
	Filter by view and layout.
EB	Filter by map.
B	Filter by web resource.
Q	Filter by monitor.
9	Filter by event and action.
B	Filter by export and recorder.
C	Refresh the database.

10 Do any of the following to further refine the results:

• Filter the entries by **User** account or by the **Type** of action.

User:	All	*
Туре:	All	~

• Filter the entries according to time period by selecting the time zone (either **Local time** or **GMT** (Greenwich Mean Time)), and then selecting the **Start/End** options to filter the entries by a custom time range.

Time period ③ LT					
Start:	02/03/2009 🔽	15.21.41 😂			
End:	09/03/2009 🔽	15.21.41 😂			

• Search for a keyword inside the log using the quick search box.



The filtering process is automatic and the filtered entries instantly appear in the database. The entries are displayed in the lower part of the window.

11 Click a database entry to display additional details.

		Details (text)	\geq					Deta	ls (table)]
	Greenwich mean time	Local time	Computer name	User name	Category	Type	^	Video export 20:"1080		~
	09/03/2009 14.24.53	09/03/2009 15.24.54	RDMAGIOST	admin	export	completed		completed. Video file w "C:\Documents and	ritten to	
	09/03/2009 15.48.18	09/03/2009 16.48.18	RDMAGIOST	admin	export	started		Settings\agiostra\Desk	top\Video	
•	09/03/2009 15.52.43	09/03/2009 16.52.43	RDMAGIOST	admin	export	completed		Comparison HD_CamP Sunset1.mp4"	<\1080 -	
	09/03/2009 15.54.16	09/03/2009 16.54.16	RDMAGIOST	admin	export	started		Sunset1.mp4		V
	09/03/2009 15.54.59	09/03/2009 16.54.59	RDMAGIOST	admin	export	completed		Key	Value	1^
								Video title	1080 - Suns	
								File name	C:\Docume	r
								Video source	Camera 2 o	r
									0	-
								Video start time	2009-03-09	Ē.
								Video end time	2009-03-09	~
								Resources:		
<		Database					Resource	1080 - Sunset1		

Recording Desktop Activity

SiteManager features an integrated screen recording tool that allows you to record all of the desktop activities on the client and create a video file with different resolutions and compressions.

To screen record SiteManager

1 Click **Tools** on the menu toolbar and select **Options**.



2 Click the **Screen recorder** tab.

General	Input devices L	_og	Alarm	notification	SMTP settings
Screen recorder	Window recorder	Config	juration	Visualization	Proxy settings
Screen recorder	ris enabled				
Path	C:\Documents and Sett	ings\agios	tra\		
Video codec	Xvid MPEG-4 Codec		*		
Frame rate	1	, 10	7 fps		
Bitrate	128				
		OK		Cancel /	

- 3 Select the **Screen recorder is enabled** check box to activate the desktop recording feature.
- 4 In the **Path** setting, type the location in which you want to save the video, or select it by clicking the browse button.
- 5 Select the video compression **codec**.

Tip: SiteManager is able to use most of the compression codecs installed on the client.

- 6 Select the video **Frame rate**.
- 7 Select the video **bitrate**.
- 8 Click **OK** to confirm the tool activation.
- 9 Click **Tools** on the menu toolbar and select **Start desktop recording** to start the recording process.



10 To stop desktop recording and create the video file, click **Tools** on the menu toolbar and select the **Stop desktop recording** to end the recording process. The video is now available at the specified location.

Too	ls Window Help
េះ	ActiveX manager
sa	Search
ø	Browser
ŵ	IDs table
	Log explorer
Y	Options
	Stop desktop recording

Impoting and Exporting the SiteManager's Configuration Files

SiteManager allows you to import and export configuration files in cab format.

WARNING: Importing a configuration file is a different operation than synchronizing with a shared configuration file. For more information, see "Setting the Configuration Files Options" on page 174.

To import a configuration file

1 Log out SiteManager by clicking **User** on the menu toolbar and selecting **Logout**.

<u>U</u> ser	<u>S</u> erver	<u>G</u> roup	<u>М</u> ар	⊻iew
ι	.ogout			
(Thange p	assword		
8	Accounts	manage	ment	
01	Save conf	iguration	n now	

After a few seconds the current user is disconnected from the application.

2 Click **Tools** on the menu toolbar and select **Import configuration**.



3 SiteManager asks for a confirmation before continuing the import process. Type the administrator's password and click **Import**.

Import configuration	×
Admin password:	
	Import

A loading window appears.

- 4 Select the configuration file and click **Open**. After a few seconds the new configuration is applied to SiteManager.
- **WARNING:** This operation destroys the current SiteManager's configuration! We recommend you save your current configuration file by exporting it performing the procedure described in the next section.
- 5 Log onto SiteManager to apply the changes.

To export a configuration file

1 Log out SiteManager by clicking **User** on the menu toolbar and selecting **Logout**.



After a few seconds the current user is disconnected from the application.

2 Click Tools on the menu toolbar and select Export configuration.



3 SiteManager asks for a confirmation before continuing the export process. Type the administrator's password and click **Export**.

Export configuration	X
Admin password:	
	Export

A saving window appears.

4 Select the a location and click **Save**. After a few seconds the configuration is saved in a cab file.

Resetting the Administrator's Password

SiteManager allows to reset the administrator's password with a fast and secure procedure.

To reset the administrator's password

1 Log out SiteManager by clicking User on the menu toolbar and selecting Logout.

<u>U</u> ser	<u>S</u> erver	Group	<u>М</u> ар	⊻iew	
L	ogout				
Change password					
8 Accounts management					
-	iave conf	iguration	n now		

2 After a few seconds the current user is disconnected from the application.

3 Click **Tools** on the menu toolbar and select **Reset "admin" password**.



The authorization window appears.

4 Send an e-mail to <u>milantechsupport@marchnetworks.com</u> with the request code. March Networks' Technical Support will provide you with an authorization code that allows the administrator's password to be reset to the default one (Username: *blank* - Password: *no password*).

Reset "admin" password	2.0		
You need the appropria Please contact your nearest obtain the needed au	t distributor		orted below to
Request:	MO	A	
Authorization:			

5 Copy and paste the code in the **Authorization** field and click **Ok**. The administrator's password is reset.



Configuring SiteManager Options

The option menu allows you to quickly configure SiteManager. Using the option menu, you can set the main language, configure the window and desktop recorders, customize the appearance, manage logs and alarms, and set a proxy for the connection.

Configuring the General Options

The general options allow you to configure the preferred language, the video streams' priority, the login retry limit, and activate the Web resources feature.

To configure general options

1 Click **Tools** on the menu toolbar and select **Options**.



2 Click the **General** tab.

Screen recorder	Window recorder	Config	uration	Visualization	Proxy settings
General	Input devices	Log	Alarm	notification	SMTP settings
Language					
user interface:	juage for the application	English		*	
-Video display pri	iority				
Leve					
	Normal Hig	h Timeo	critical		
E	nable automatic turn off o	f hidden vide	o streams		
Login retry	y limit: 3	Lockout	duration (n	ninutes): 10	•
		ОК		Cancel i	Apply

3 Configure the required options. The following table provides descriptions of the options.

Option	Description
Language	Select the software Language . The language changes after you close and reopen SiteManager.
Video display priority	Select the Video display priority ; this option configures the priority of SiteManager video streams to the other client applications. Priorities include <i>Normal, High,</i> and <i>Time Critical</i> .
Enable automatic turn off of hidden video streams	Select the Enable automatic turn off of hidden video streams check box to allow SiteManager to automatically close resources in the virtual desktop when SiteManager is minimized.
Login retry limit	Specify the number of unsuccessful logon attempts permitted before a user is locked out of SiteManager.

General Options

General Options

Option	Description
Lockout duration	Specify the amount of time a user is locked out of SiteManager after the login retry limit has been reached.
Web resources activation	Click Web resources activation to generate the Request code to unlock the web resources feature. For more information, see "Unlocking the Web Resources Feature" on page 93.

4 Click OK.

Configuring the Input Device Options

The input device options allow you to configure external devices, such as a keyboard/joystick.

To configure the input devices options

1 Click **Tools** on the menu toolbar and select **Options**.

Tools	Window Help
ផ្ទៃ /	ActiveX manager
5 2	Search
Ø	Browser
ы ⁸ I	Ds table
Ξι	.og explorer
(Options
	Start desktop recording

2 Click the **Input devices** tab.



3 Configure the required options. The following table provides descriptions of the options.

Input Device Options			
Option	Description		
Console keyboard	Select the Console keyboard check box to enable external devices in SiteManager, such as keyboards or joysticks.		
Model	Select the device Model .		
Port	Select the device Port .		
Rate	Select the device Rate transfer.		

Configuring the Log Options

You can activate and configure the Log on file and the Log on Database modes. For example, you can configure SiteManager to automatically save a logon file in text format, limit the size of the log files, or customize their content. For more information about the log usage, see "Viewing the System Log" on page 154.

To configure the log options

1 Click **Tools** on the menu toolbar and select **Options**.



2 Click the Log tab.

Screen record	er 🚺 🔪	Vindow recor	der	Configuration	Visualization	Proxy settings
General	Input	devices	Log) Ala	arm notification	SMTP settings
Log on file	C:\Docu	uments and S	ettings∖∆	II Users\Applica	ation Data\Insignis	
Auto :	split size (I	<b)< td=""><td>500</td><td></td><td></td><td></td></b)<>	500			
Connection st		Provider=M	licrosoft.	let.OLEDB.4.0;	User ID=admin;Dat]
					Adva	nced
				OK	Cancel	Apply

3 Configure the required options. The following table provides descriptions of the options.

Option	Description	
Log on file	Select the Log on file check box to automatically save the log as a text file. For more information, see "Viewing the System Log in Text File Format" on page 154.	
Log file path	Type the path to the folder where you want to save the log file or select it by clicking the browse button .	
Auto split size	Select the Auto split size check box to automatically create a new log file when the previous one reaches a specified size (in Kilobytes).	
Log on database	Check Log on database to automatically save the log in a database. For more information, see "Viewing the System Log in Database Format" on page 156.	
Connection string	Type the database Connection string or select a new string by clicking the browse button . The default connection string saves the database locally, however you can share the database on the network.	
Dump	Click Dump to clean the database.	
Advanced	Click Advanced to customize the log content by selecting or clearing the check boxes in a new menu.	

System Log Options

Category	Туре	Window	File	Database	
	ref removed		Image: A state of the state	V	~
	deleted			V	
	showing				
	hiding			~	-
3dmap					
	added		 Image: A set of the set of the	~	
	edited				
	renamed			 Image: A set of the set of the	
	ref added		 Image: A set of the set of the	 Image: A set of the set of the	
	ref moved		 Image: A start of the start of		
	ref removed				
	deleted		 Image: A set of the set of the	 Image: A set of the set of the	
	showing	Image: A start and a start	 Image: A set of the set of the		-
	hiding	Image: A start and a start		Image: A state of the state	-
layout	100		1000	1.000	
-	added		 Image: A set of the set of the	 Image: A set of the set of the	
	edited		 Image: A set of the set of the		-
	renamed				-
	deleted			Image: A state of the state	
monitor		825	all so	1. 1. 1. 1. 1.	-
	added			Image: A state of the state	-
	deleted		Image: A start of the start	Image: A state of the state	-
	connect			Image: A state of the state	
	disconnect	Image: A start and a start			
	renamed		 Image: A set of the set of the		
	blanked				
	unblanked			Image: A state of the state	~
monitoraroun					×

Configuring the Alarm Notification Options

The alarm notification options allow you to configure how SiteManager responds to alarms.

To configure the alarm notification options

1 Click **Tools** on the menu toolbar and select **Options**.



2 Click the **Alarm notification** tab.



3 Configure the required options. The following table provides descriptions of the options.

Alarm Notification Options

Option	Description
User alarm	Select the User account that will acknowledge the alarm if there are no users currently logged on to SiteManager.
Alarm central	Type the Alarm central address (if applicable). The alarm central is a server that collects and manages alarm notifications on the entire network. For more information, see "Editing the VMS Server" on page 32.
Maximum number of alarms to be processed at once	Select the Maximum number of alarms to be processed at once to configure the alarm processing limit depending on the client capabilities.
Bring to front on alarm notification	Select the Bring to front on alarm notification check box to give priority to an alarm notification over all of the other SiteManager functions.

Configuring the SMTP Settings

The SMTP settings allow you to configure an SMTP server (outgoing messages) for the Send Email event. For more information about this event, see "Editing Events" on page 100.

To configure a SMTP server

1 Click **Tools** on the menu toolbar and select **Options**.



2 Click the SMTP settings tab.



3 Configure the required options. The following table provides descriptions of the options.

SMTP Options

Option	Description			
Server name	Type the SMTP Server name (for example, mail.qqqq.net).			
Port	Type the SMTP server connection Port .			
Use Name and password	Select the Use name and password check box to allow SiteManager to automatically log on to the SMTP server.			
User name	Type the User name .			
Password	Type the Password .			
Default sender	Type name of the Default e-mail sender .			

Configuring the Screen Recorder Options

The screen recorder options allow you to activate and configure the desktop recording feature. For more information, see "Recording Desktop Activity" on page 160.

To configure the screen recorder

1 Click **Tools** on the menu toolbar and select **Options**.

Tools	Window Help	
诸 Ad	tiveX manager	
s ^e Se	earch	
Ø Br	owser	
ь ^в IC	s table	
🗏 Lo	ig explorer	
O	ptions	
St	art desktop recording	

2 Click the **Screen recorder** tab.

General	Input devices Lo	g	Alarm	notification	SMTP settings
Screen recorder	Window recorder	Conf	iguration	Visualization	Proxy settings
Screen recorder	is enabled				
Path	C:\Documents and Settin	ngs\agio	stra\ 🛄		
Video codec	Xvid MPEG-4 Codec		*		
Frame rate	1	' i 10	7 fps		
Bitrate	128				
)
	1.22				
		OK		Cancel /	Apply

- 3 Select the Screen recorder is enabled check box.
- 4 Configure the required options. The following table provides descriptions of the options.

Option	Description
Screen recorder is enabled	Select the Screen recorder is enabled check box to activate the desktop recording feature.
Path	Type the video saving Path or select it by clicking the browse button .
Video codec	Select the Video compression codec.
Frame rate	Select the output video Frame rate .
Bitrate	Select the video Bitrate .

Screen Recorder Options

Configuring the Window Recorder Options

The window recorder options allow you to activate and configure the window recording feature.

To configure the window recorder

1 Click **Tools** on the menu toolbar and select **Options**.

Tool	s Window Help
G	ActiveX manager
s	Search
Ø	Browser
ŵ	IDs table
	Log explorer
	Options
	Start desktop recording

2 Click the **Window recorder** tab.



- 3 Select the **Window recorder is enabled** check box.
- 4 Configure the required options. The following table provides descriptions of the options.

Option	Description
Window recorder is enabled	Select the Window recorder is enabled check box to activate the desktop recording feature.
Path	Type the video saving Path or select it by clicking the browse button \square .
Video codec	Select the Video compression codec.
Frame rate	Select the output video Frame rate .

Window Recorder Options

Setting the Configuration Files Options

The configuration file options allow you to save SiteManager configuration files in a shared folder to automatically synchronize all the SiteManager applications installed over the network. For more information, see "Sharing the SiteManager Configuration Settings" on page 16.

To share configuration files

1 Click **Tools** on the menu toolbar and select **Options**.

Tools	Window Help
🖧 A	ctiveX manager
s ^e Si	earch
Ø BI	rowser
ы ^в IC)s table
🗏 Lo	og explorer
0	ptions
SI	art desktop recording

2 Click the **Configuration** tab.

General Ir	nput devices	.og Alarm	n notification	SMTP settings
Screen recorder	Window recorder	Configuration	Visualization	Proxy settings
User accounts data				
🔿 Local				
Shared folder	\\networkdisc\use	d]
Site configuration da	ata			
O Local				
Shared folder]
Hide configural	tion out of sync messag	es		
		ОК	Cancel /	Apply

3 Configure the required options. The following table provides descriptions of the options.

Option	Description
User accounts data — Local	Click User accounts data — Local to save the user account configuration file on the computer.
User accounts data — Shared folder	Click User accounts data — Shared folder to save the user account configuration file in a shared network location. Type the saving file path or select it by clicking the browse button
Site configuration data — Local	Click Site configuration data— Local to save the SiteManager resource configuration file on your computer.
Site configuration data — Shared folder	Click Site configuration data - Shared folder to save the SiteManager resource configuration file in a shared network folder. Type the saving file path or select it by clicking

Configuration Files Options

Configuration Files Options

Option	Description
Hide configuration out of sync messages	Select the Hide configuration out of sync messages check box to minimize the synchronization notification dialog box.

4 Click **OK**.

Note: When the configuration is shared, SiteManager automatically checks for configuration update at startup.

If a configuration change is detected a notification dialog box appears.



Click **Yes** to apply the configuration changes, or click **No** to discard the changes.

Tip: You can also minimize the notification dialog box in the Log Actions tab by selecting the **Hide configuration out of sync messages** check box.

Hide configuration out of sync messages		
Log actions Alarms Video Export Server alert (2010-06-25 01:31:08) [INSIGNIS-TEST01] [admin] User "admin" logout 2010-06-25 01:31:41 [INSIGNIS-TEST01] [admin] User "admin" logon 2010-06-25 01:31:41 [INSIGNIS-TEST01] [admin] Server" Server Y added		
[2010-06-25 01:32:21] [INSIGNIS-TEST01] [admin] Server "Server 8" added		
Server "Server 8" added	admin	Configuration out of sync

Double-click the warning message to synchronize the configuration

Customizing SiteManager's Appearance

The visualization options allow you to customize SiteManager's appearance.

To customize SiteManager's appearance

1 Click **Tools** on the menu toolbar and select **Options**.

Tools	: Window Help
ភេះ រ	ActiveX manager
5 .	5earch
Ø	Browser
ر °م	Ds table
Ξ.	.og explorer
(Options
5	Start desktop recording

2 Click the **Visualization** tab.



3 Configure the required options. The following table provides descriptions of the options.

SiteManager	Appearance	Options
-------------	------------	---------

Option	Description
Metadata colors	Edit the VideoSphere Analytics Metadata color patterns by clicking on a color and selecting a new one from the drop down menu.
Video font size	Select Video font size for the super imposed text between <i>Auto, Small, Medium</i> and <i>Large</i> .
On screen image details	Select the On screen image details format between <i>Average Bandwidth</i> and <i>Instant size</i> .

4 Click OK.

Configuring the Proxy Settings

The proxy settings allow you to configure a proxy server for the resources connection.

To configure a proxy server

1 Click **Tools** on the menu toolbar and select **Options**.

Tool	s Window Help
G3	ActiveX manager
s e	Search
Ø	Browser
in ²	IDs table
	Log explorer
	Options
	Start desktop recording

2 Click the **Proxy Settings** tab.

General	nput devices	.og Alarm	notification	SMTP settings
Screen recorder	Window recorder	Configuration	Visualization	Proxy setting
Designed				
Proxy server		2000		
Proxy type:	SOCKS 4	*		
Host:		Port: 1080		
User:	Pa	ssword:		
	ſ	ОК	Cancel /	Apply

3 Configure the required options. The following table provides descriptions of the options.

WARNING: Consult your network administrator before configuring a proxy server. An incorrect proxy server setting may result in serious connection problems for SiteManager.

Proxy Settings

Option	Description
Proxy type	Select the Proxy type . This option makes the Host , Port , User , and Password boxes available.
Host	Type the proxy Host address.
Port	Type the proxy connection Port .
User	Type the proxy user name.
Password	Type the proxy Password .

4 Click OK.

Configuring the Text Insertion Options

The Text Insertion options allow you to configure the position, color, and duration on screen of text coming from text insertion devices.

To configure the text insertion options

1 Click **Tools** on the menu toolbar and select **Options**.

Tools Window Help	
🝰 ActiveX manager	
s ^e Search	
🖉 Browser	
🔊 IDs table	
🗏 Log explorer	
Options	
Start desktop recording	

2 Click the **Text insertion** tab.



- 3 The left part of the tab represents the position of the text (the red box) on the image. To move it, place the mouse cursor in the center of the text box, and then click and drag it to a new position.
- 4 To resize the text box, place the mouse cursor over one of the borders or edges, until it becomes a double-edged arrow. With your mouse cursor over the arrow, click and drag to resize the text box.
- 5 You can also add other text boxes if more than one text insertion device is linked to a camera. To add a new text box, click the + button.

A new text box appears.



5 Configure the required options. The following table provides descriptions of the options.

Text	Insertion	Options
------	-----------	---------

Option	Description
ID	Type the text insertion device ID to assign it to the text box.
Top % - Left % - Bottom % - Right %	Manually refine the position of the text on the screen.
Duration	Select the duration of the text on the screen.
Color	Select the text color. You can choose between Default (White) and Inverted (Black).

Chapter 20: Configuring SiteManager Options