

## Configuring Genetec Omnicast

Version 4.7 SR1

### Configuring Third-Party Programs

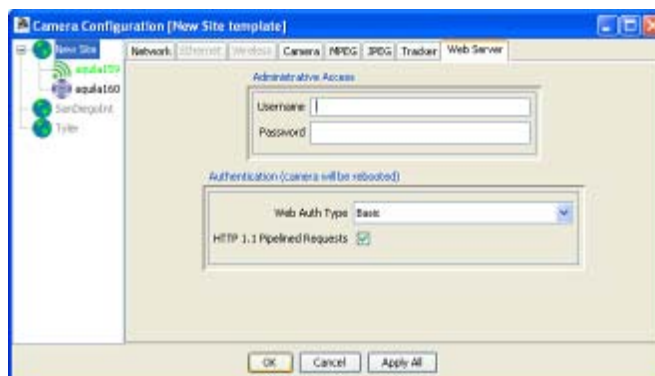
SightLogix devices are used with two types of third-party programs: VMS programs, which display video, GPS coordinates, and alarm and other information from SightLogix devices, and command and control systems (C2), which are integrated systems for monitoring multiple types of sensors. Currently, SightLogix supports a range of VMS programs and control systems. Additional programs and systems will be supported in the future.

In order for a VMS program to display the video and alarms received from SightLogix devices, the program must be configured properly, both to open communication with devices and to respond appropriately to alarm information. The actual configuration steps differ, depending on the program. However, most programs require the following:

- > **Setting web authentication between the SightLogix device and the VMS.** This includes entering the username and password (the default username is *sightlogix* or *root*, and the default password is *push2edg*). It is recommended that you change both defaults.

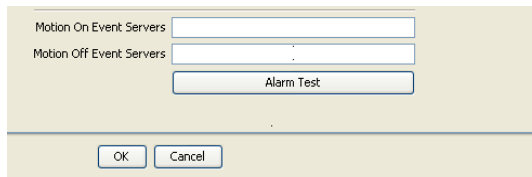
It also includes changing to digest web authentication if this more secure web authentication is supported by the individual VMS program. (By default, SightSensors are set up for basic authentication, which is supported by all VMS programs.)

You set both the web username/password and the authentication type from the Web Server dialog (right-click a device icon in the SightMonitor camera tree → Configure → Web Server):



- > **Adding SightSensors as AXIS-211 devices** (except when indicated); adding SightTrackers as AXIS 213.

- > **Specifying the actions (or events) that occur when an alarm is received.** This can include, depending on the program: audio alerts, automatic recording during an alarm, bookmarks inserted into recorded video to signal the start or end of an alarm, etc.
- > **Testing that alarm information is relayed from a SightLogix device to the VMS program.** The Alarm Test option on the Camera (right-click device icon→Configure) simulates an alarm.



The following sections provide general guidance on how to configure the VMS programs that have been tested with SightLogix devices. However, for detailed, specific information, see the documentation that came with the particular VMS program.

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Genetec® Omnicast™ requires one license per channel (not per camera). To view both MPEG and JPEG, add two video units.

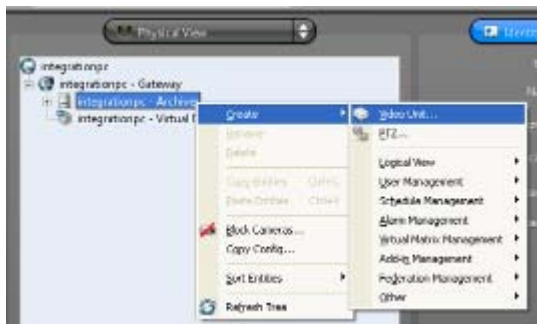
Since Genetec supports digest authentication, change the device's authentication type to digest from the Web Server dialog box (in the SightMonitor, right-click the device icon→ Configure→ Web Server).

To include SightLogix target data with Omnicast bookmarks, you must install the Genetec Omnicast SDK that matches your Omnicast version.

### Adding SightLogix devices

You add devices individually as video units.

**To add cameras individually:** From the Config Tool, go to the Physical view and click the appropriate Archiver. Select Create→Video Unit.



In the dialog that appears, select **Genetec** as the unit type and then enter the appropriate **IP address** and port. Either use the default login or enter the **username** and **password** (*sightlogix* and *push2edg*, respectively).



Click Add. The device is added to the tree.

## Creating alarms

Once you've added cameras, create and configure alarms as follows:

Select Alarm Management, right-click the Alarms icon, and then select Create → Alarm.



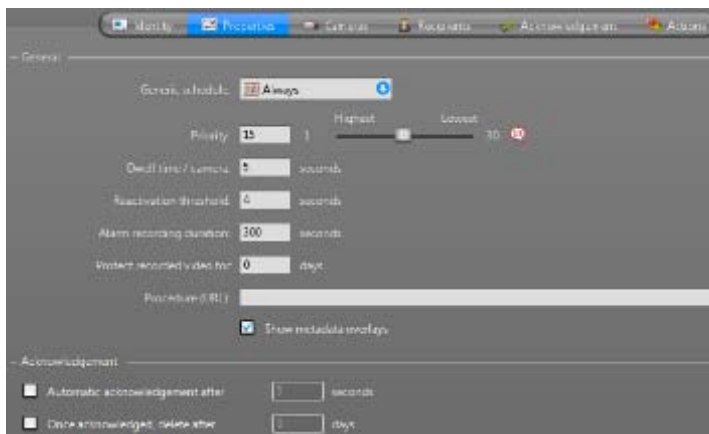
When prompted, select the appropriate recipients.



The new alarm appears to the left.

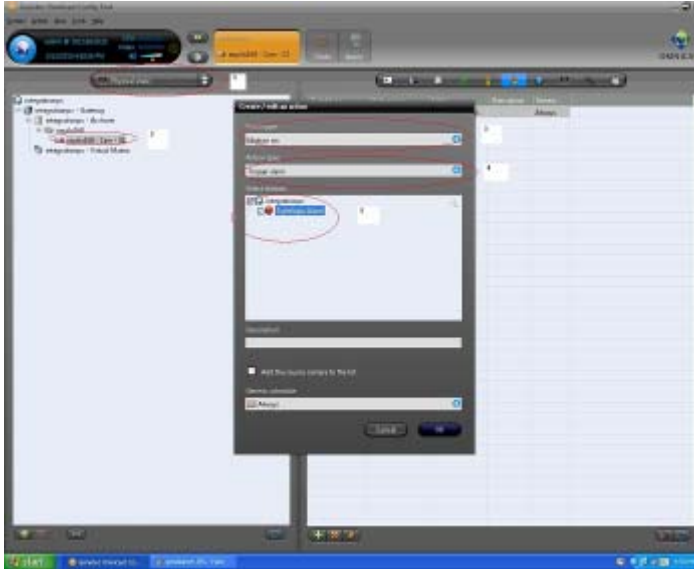
Rename the alarm as appropriate (such as Motion On).

In the Properties tab, configure the new alarm as needed.

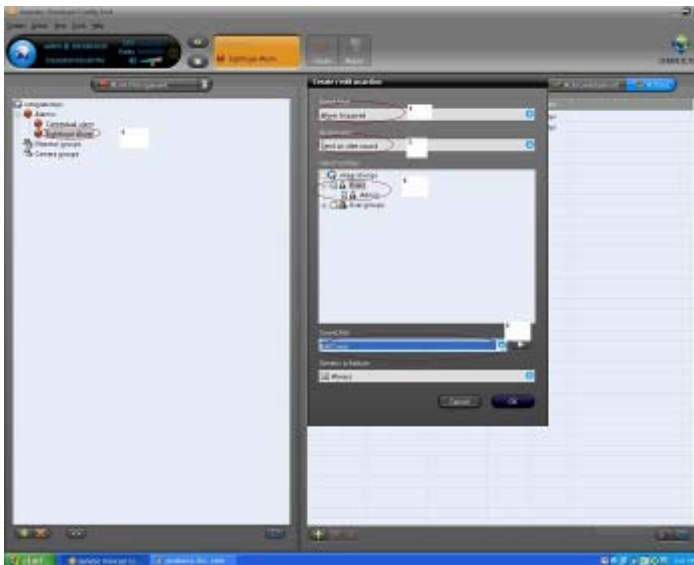


If you change any default settings, click Enable.

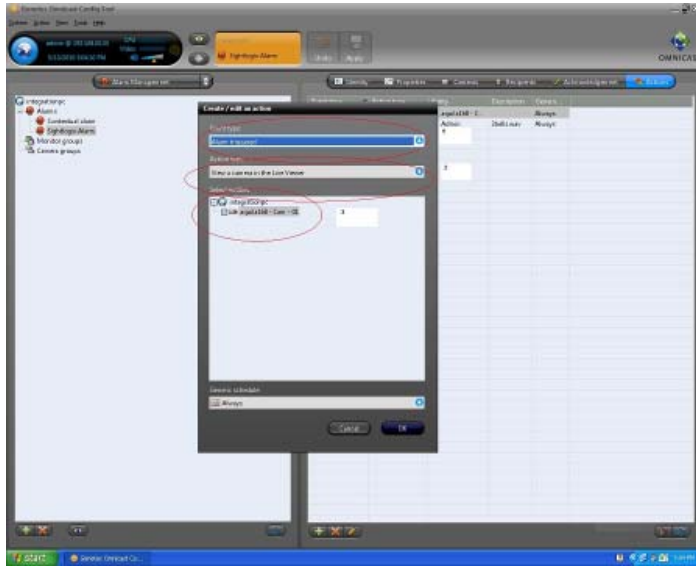
You must then associate the alarm event with the actions to occur in case of an alarm. You do this from the Physical View by selecting the device and clicking Actions from the toolbar. Then in the list of alarms, click the alarm you created (for example, Motion on) and then choose New Action. In the dialog that appears, make sure the right event type is selected and then choose an Action type. This can be adding an alert sound, inserting bookmarks, or sending an email.



Alternatively, you can associate alarms from within Alarm Management by clicking the alarm you created (for example, Motion on) and then choosing New Action. In the dialog that appears, make sure the right event type is selected and then choose an Action type. This can be adding an alert sound, inserting bookmarks, or sending an email. In this example, an alert sound is added. Choose a sound file and then click OK.



In this example, a camera is engaged and the image is shown in the Live Viewer. Choose the camera and then click OK.



For additional details, see your Genetec documentation.

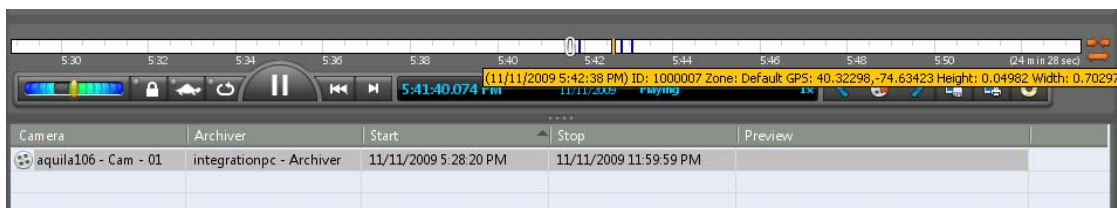
### Viewing video and testing alarms

You view video from the Live Viewer by dragging the camera icon to a tile. Or, you can double-click the camera's icon from within Physical View in the Config Tool. To verify that alarms are received within the Live Viewer, go to the SightMonitor's Camera dialog for the device (right-click the device icon → Configure → Camera) and click Alarm Test.

### Creating Omnicast Bookmarks with the Genetec Extension

When a SightSensor detects an intrusion, the camera generates a metadata stream containing important information about targets that cause alarms. Once a SightSensor or SightTracker has been added to both SightMonitor and Genetec Omnicast, you can create Omnicast bookmarks that contain the metadata information. The following metadata tags are provided:

- Target ID
- Zone name
- Rule name
- GPS information (Latitude, Longitude, Height, Width, Speed, Heading)



**Note:** The Genetec Extension requires the installation of the Genetec Omnicast SDK on the computer that hosts the SightLogix CS Server. The Genetec SDK version and the Genetec

Omnicast version must match. Contact your Genetec representative for information or to obtain the SDK.

To create the Genetec Extension:

1. From the SightMonitor Edit menu, choose VMS Extensions.
2. Click New and name the extension.
3. Select Genetec from the VMS Type drop-down menu.
4. Complete all fields provided. The VMS IP must be the address of the Directory Server, the Username must match the credentials for Omnicast; and the CS credentials must match an existing CS User profile.
5. When done, click Save.



After a brief period of time, confirm a successful configuration by checking the SightMonitor Event tab. The messages “Connected Successfully to Omnicast” and “Connected Successfully to CS” indicate a properly created extension.

### Troubleshooting

If you receive this error message in CS: "A WebException has been caught: The operation has timed out.", this indicates that the Genetec Extension is missing meta-data in the bookmark. To resolve, restart the SightLogix service after the Genetec archives restart.

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