Configuring Salient Systems CompleteView

Version 3.8.2

Configuring Third-Party Programs

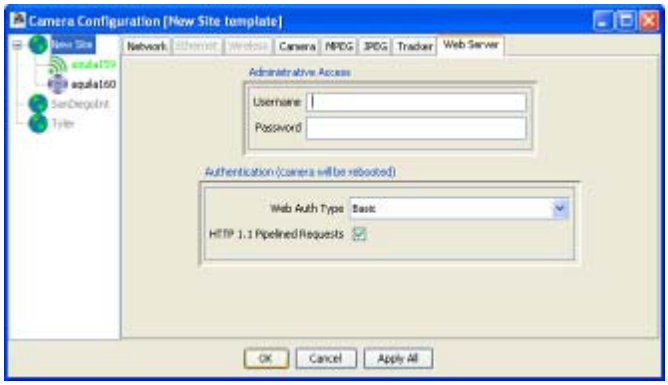
SightLogix devices are used with two types of third-party programs: VMS programs, which display video, GPS coordinates, and alarm and other information from SightLogix devices, and command and control systems (C2), which are integrated systems for monitoring multiple types of sensors. Currently, SightLogix 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.

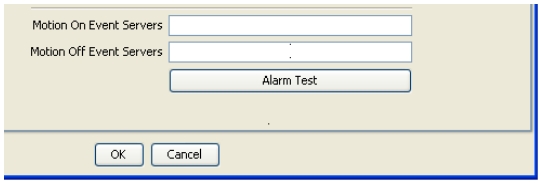
  It also includes changing to digest web authentication if this more secure web authentication is supported by the individual VMS program. (By default, SightSensors are set up for basic authentication, which is supported by all VMS programs.)

  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.

Salient Systems CompleteView version 3.82

Steps

Setup the SightLogix Sensor's Video in CompleteView

Configuring the SightLogix Sensor to send Alarm Events

Additional Resources

Introduction

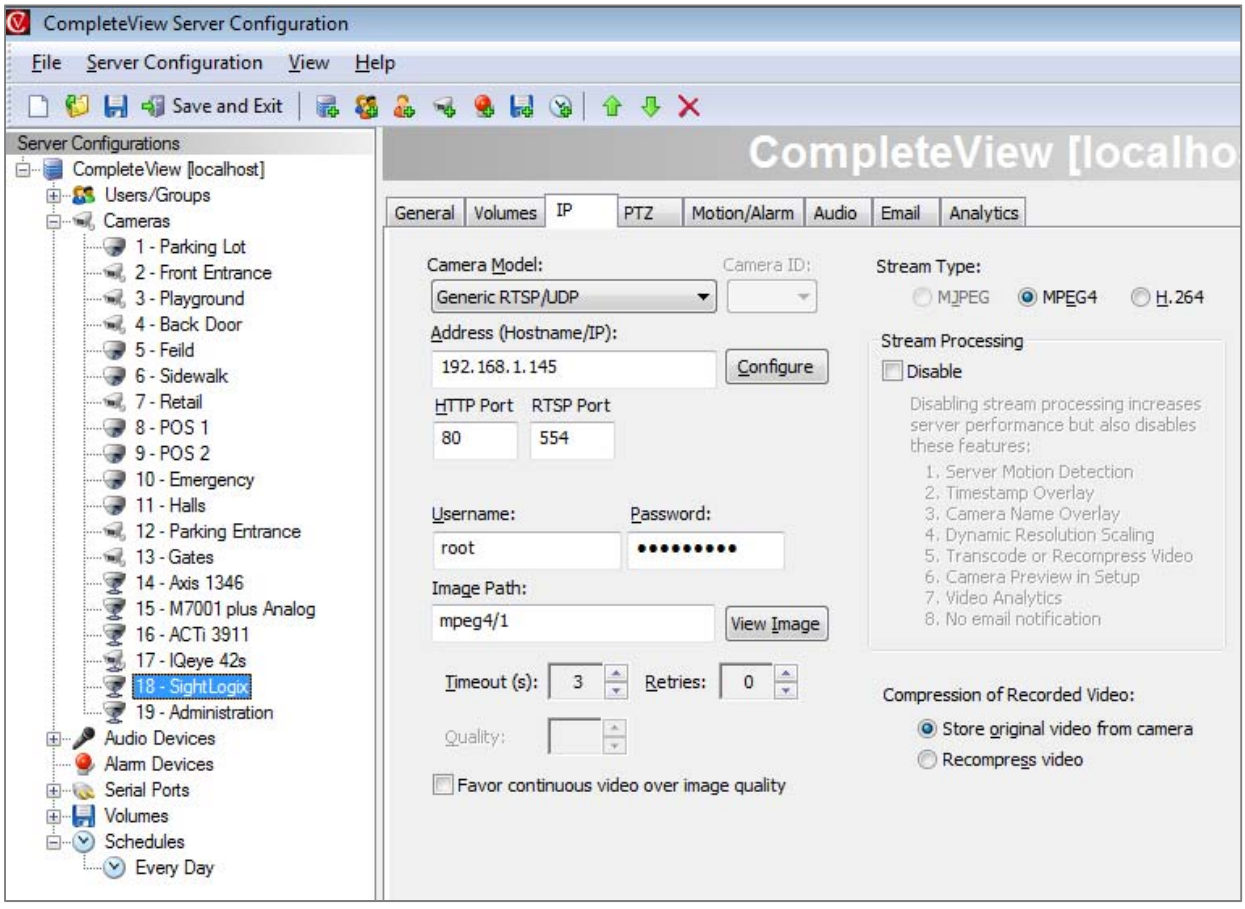
Sightlogix Sensor devices can be setup to stream video for recording to CompleteView. Additionally, the SightLogix Sensors can be configured to pass event information to CompleteView, which can trigger either alarm or motion recording in CompleteView.

The alarm or motion events generated by the SightLogix Sensor will mark video recorded as a motion or alarm event, making searching for relevant events easier. Additionally CompleteView's Alarm Client and SpotLight applications can be used to alert system operators to events detected by the SightLogix Sensor in real time.

Setup the SightLogix Sensor's Video in CompleteView

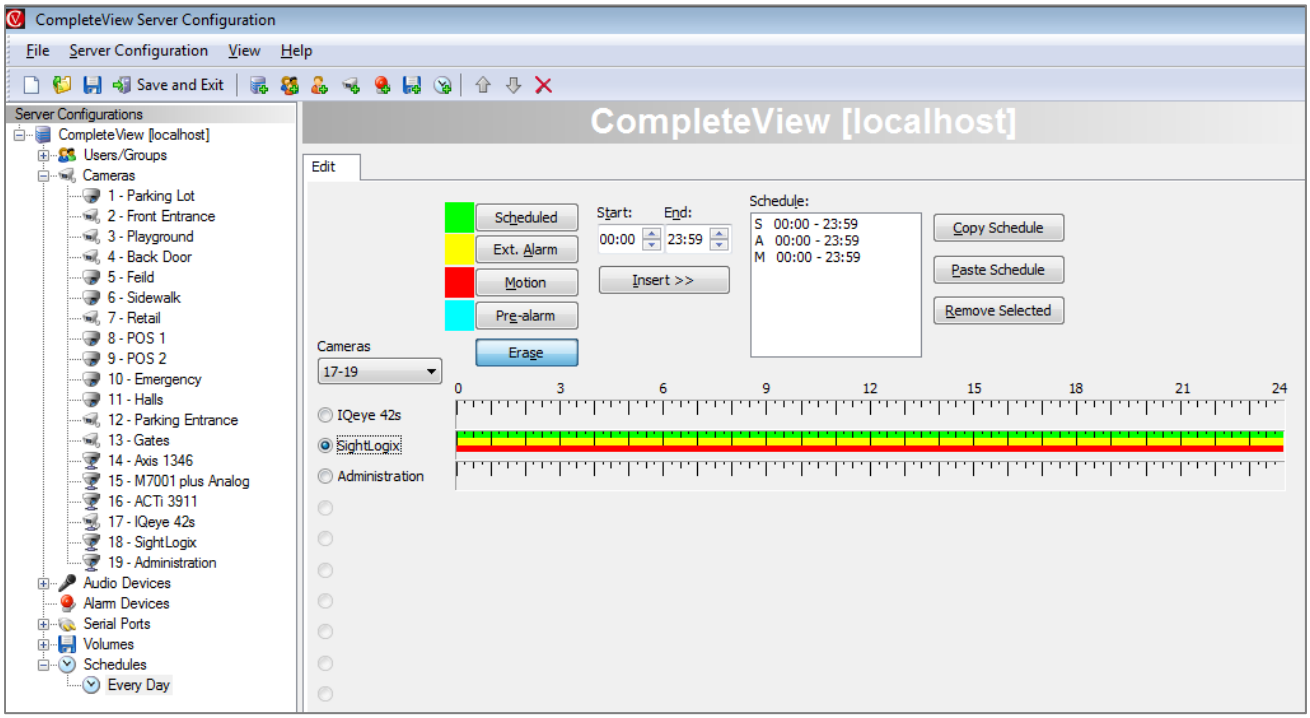
Please refer to the CompleteView Administrator Manual for detailed server and recording configuration.

1. Open CompleteView Server Configuration and add a new camera.
2. From the IP tab of the new camera set the following configuration:
    a. Camera Model -> 'Generic RSTP/UDP'
    b. Stream Type -> 'MPEG4'
    c. Address (Hostname/IP) -> Enter the IP address of the SightLogix Sensor
    d. Username -> 'root'
    e. Password -> enter the root account password (default password is 'push2edge')
    f. Image Path -> 'mpeg4/1/media.amp'



3. Select 'Schedules' from tree view of CompleteView Server Configuration

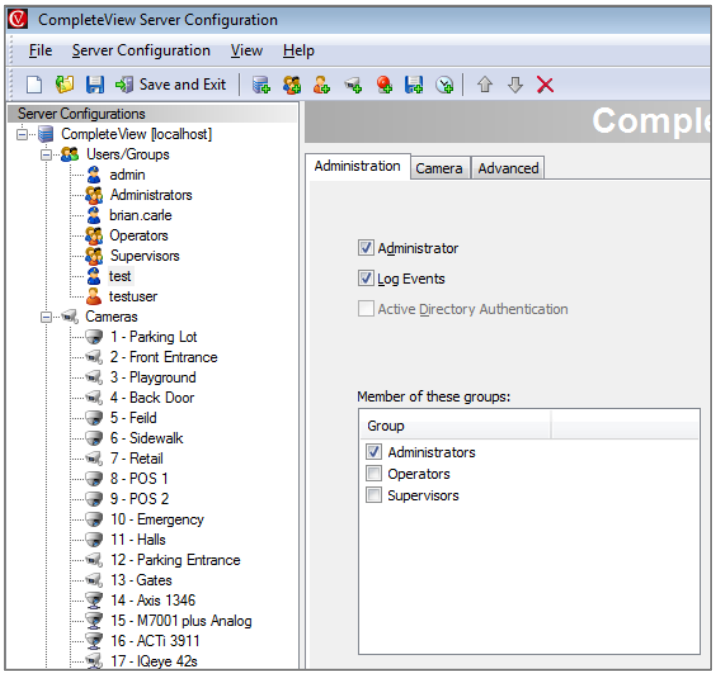
4. Select the recording schedule being used.
5. If necessary, modify the camera recording schedule so Motion and Alarm recording are enabled at the correct time(s) of day. Please refer to the CompleteView Administrator Manual for details on recording schedule configuration.



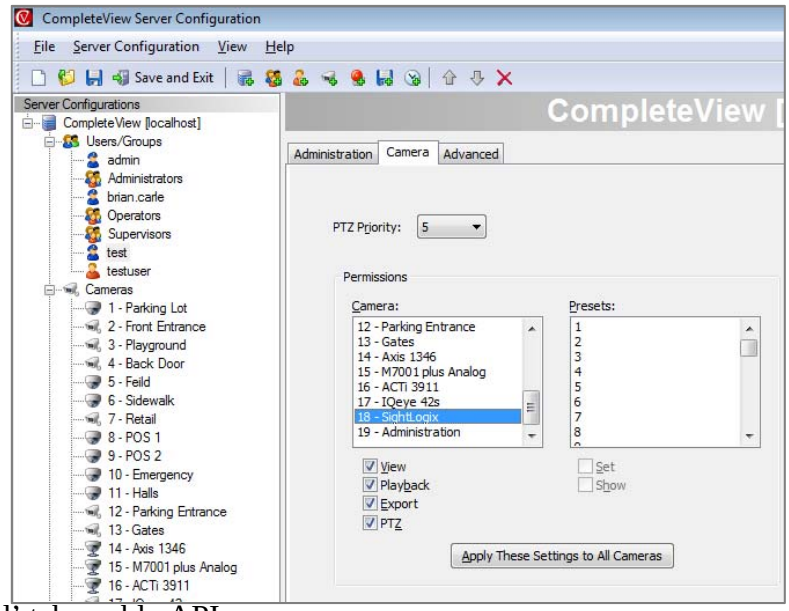
Configuring the SightLogix Sensor to send Alarm Events

SightLogix Sensor alarms can be received as alarm or motion events in CompleteView. The events generated by the SightLogix Sensor are received by the CompleteView Embedded Web Server, which must be enabled to receive alarms.

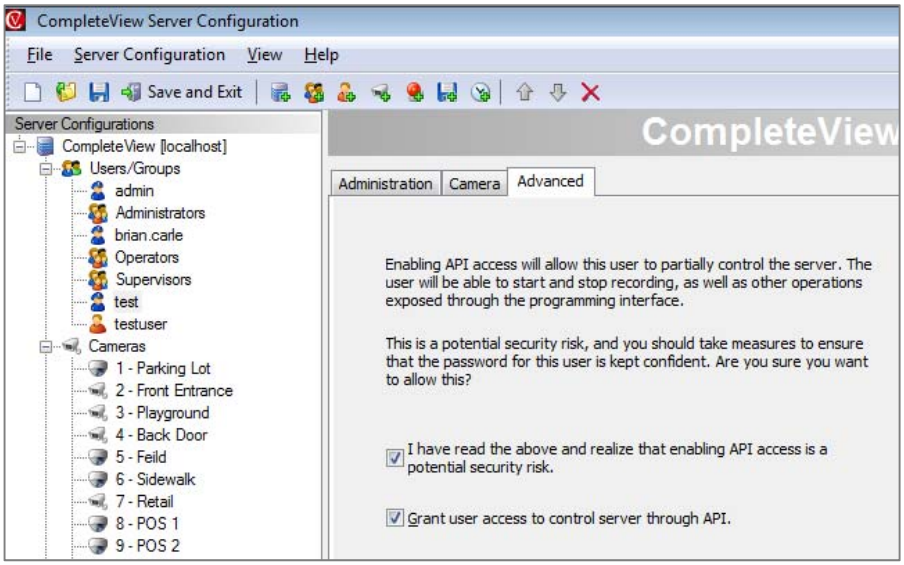
1. Using CompleteView Server Configuration setup a user account for the SightLogix Sensor which will be used when sending event information.
    a. From CompleteView Server Configuration add a new user. For a detailed guide on setting up a new user account, please refer to the CompleteView Administrator Manual.
    b. When setting up the user ensure the user account has a password. Blank passwords are not supported.
    c. The user account should be configured as an Administrator.



d. Click the ‘Camera’ tab. Ensure the account has full permission to the SightLogix camera.

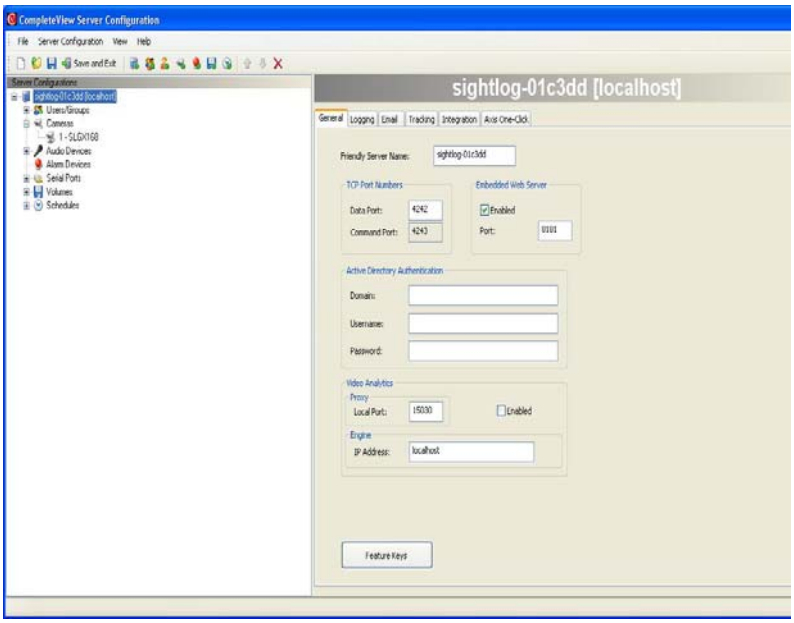


e. From the ‘Advanced’ tab enable API access.

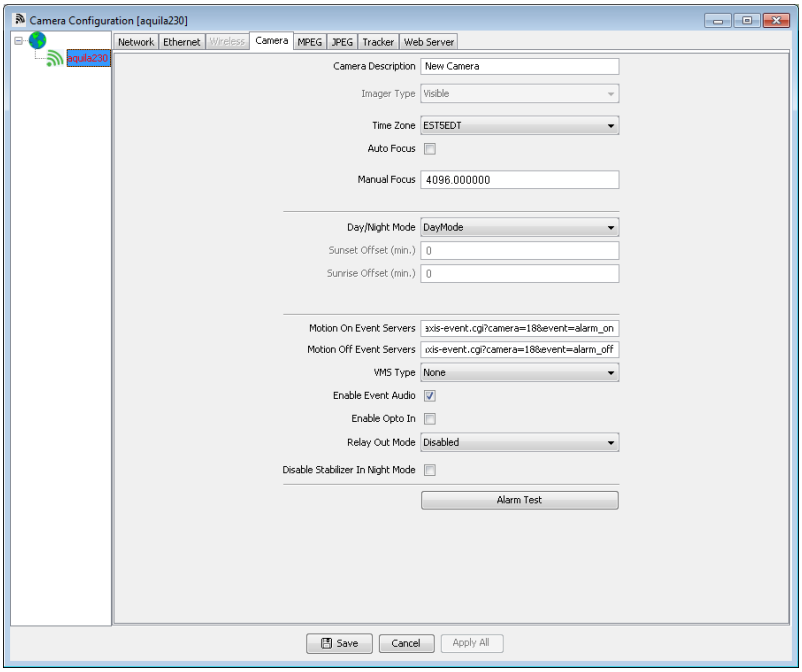


f. Select ‘Server Configuration’ from the menus and select ‘Save Configuration’.

2. Select the server and the General tab, Check off the Enabled box for Embedded Web server, and change the port # to 8181.



3. Open the SightMonitor software included with the SightLogix Sensor. The default username and password for SightMonitor is chief / change. Please refer to SightLogix documentation for details on setting up and calibrating a sensor.
    a. Once the camera has been added, right click the camera and choose ‘Configure’.
    b. For the Sightlogix Sensor to send event information, ‘Motion On Event Servers’ and ‘Motion Off Event Servers’ must be configured. Click the ‘Camera’ tab.



To setup the Sensor to trigger alarm recording in CompleteView on event

1. Set 'Motion On Event Servers' to: http://[CVusername]:[CVpassword]@[CVserverIP]:[CVserverPort]/axis-event.cgi?camera=[SightLogixCameraNumber]&event=alarm_on
2. Set 'Motion On Event Servers' to: http://[CVusername]:[CVpassword]@[CVserverIP]:[CVserverPort]/axis-event.cgi?camera=[SightLogixCameraNumber]&event=alarm_off

To setup the Sensor to trigger motion recording in CompleteView on event

1. Set 'Motion On Event Servers' to: http://[CVusername]:[CVpassword]@[CVserverIP]:[CVserverPort]/axis-event.cgi?camera=[SightLogixCameraNumber]&event=motion_on
2. Set 'Motion On Event Servers' to: http://[CVusername]:[CVpassword]@[CVserverIP]:[CVserverPort]/axis-event.cgi?camera=[SightLogixCameraNumber]&event=motion_off

Event Command Formatting	
[CVusername]	This should be set to the username of the account created for the SightLogix Sensor.
[CVpassword]	This should be set to the password of the account created for the SightLogix Sensor.
[CVserverIP]	This should be set to the IP address of the CompleteView server.
[CVserverPort]	This should be set to the port number of the CompleteView Embeded Web Server. This is set to 8181 by default.
[SightLogixCameraNumber]	This is set to the camera number of the SightLogix Sensor in CompleteView

Event command format example

In this example, a SightLogix Sensor has been setup as camera number 18 on the CompleteView server. The CompleteView server's IP address is 192.168.1.5, and the Embeded Web Server port number is the default of 8080. A user account has been setup with a username of 'sightlogix' and the password of 'salient'. The SightLogix Sensor should trigger alarm recording when an event is detected.

> The correct 'Motion On Event Servers' command should be:
> http://sightlogix:salient@192.168.1.5:8181/axis-event.cgi?camera=18&event=alarm_on
>
> The correct 'Motion Off Event Servers' command should be:
> http://sightlogix:salient@192.168.1.5:8181/axis-event.cgi?camera=18&event=alarm_off

Once the camera has been calibrated, events from the SightLogix Sensor should be received by CompleteView.

Additional Salient Systems Resources

Visit the Salient website, www.salientsys.com, for additional support and CompleteView training:

- **Manuals & Documentation** (www.salientsys.com/support/manuals-documentationx/) – Includes Administrator's Manual, Client User Manuals (including Video, Alarm and Web clients), How To Guides and Tips.

- **Online Tech Support** (www.salientsys.com/elearning) – Get quick access to online tech support modules that cover the most frequently asked product questions, such as "Adding and Moving IP Camera Licenses."

- **Salient University eLearning** (http://salientsys.latitudelearning.com) – A convenient way to get trained on CompleteView. Register online for access to interactive, user training modules covering the Video, Alarm, Mapping and Web clients.

- **Classroom Training** (www.salientsys.com/training) – Traditional, classroom training is available throughout the United States. Please visit the Salient website for training calendar, agenda and registration.

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