Overview

This document is a brief guide to set up the integration between ExacqVision and OnGuard.

The OnGuard software suite is an open architecture access control system that can utilize live and recorded video from ExacqVision servers in multiple ways. For more detail on setup and configuration, see Lenel's various installation and user guides found here.

Requirements

The OnGuard plug-in can be installed on an exacqVision system with an **Enterprise** license. This document assumes that OnGuard and exacqVision are already installed on their respective servers.

NOTE: LenelS2 charges all OnGuard licensees a LenelS2 license fee. Please contact LenelS2 for more information on licensing fees. https://www.lenels2.com/

Lenel follows a strict certification process to qualify exacqVision plugin versions. The plugin is certified to the specific version of OnGuard. The plugin may work with multiple versions of ExacqVision Server but will NOT work with any version of OnGuard apart from the specific version to which it was certified. (example: The 7.4 plugin works with 7.4 OnGuard and could be installed on ExacqVision 9.4 or 19.09.)

*The exacqVision Integration Plugin found on Exacq.com .

To maintain the most up to date version of both OnGuard and ExacqVision, please use the most recently certified versions:

- ExacqVision Server 26.2
- ExacqVision Integration Plugin 3.4.0.0
- OnGuard 8.4.703.0

OnGuard Certified Versions										
	7.0	7.1	7.2	7.3	7.4	7.5	7.6	8.0	8.3	8.4
ExacqVision Server 26.2									**Yes**	**Yes**
ExacqVision Server 21.03							**Yes**	**Yes**		
ExacqVision Server 19.09					**Yes**	**Yes**				
ExacqVision Server 9.4					**Yes**					
ExacqVision Server 8.2		**Yes**	**Yes**	**Yes**						
ExacqVision Server 7.4		**Yes**	**Yes**							
ExacqVision Server 6.6	**Yes**									

NOTE: ExacqVision Server versions listed are the specific versions tested by Lenel. It is recommended that you use these tested versions, though other versions of ExacqVision are (unofficially) considered to be entirely viable. The ExacqVision Plug-in version must match the corresponding OnGuard version it was tested with.

(Example, 7.4 plug-in with 7.4 OnGuard, as mentioned above)

Installation Process

Before configuring OnGuard for use with the exacqVision System, complete the following steps:

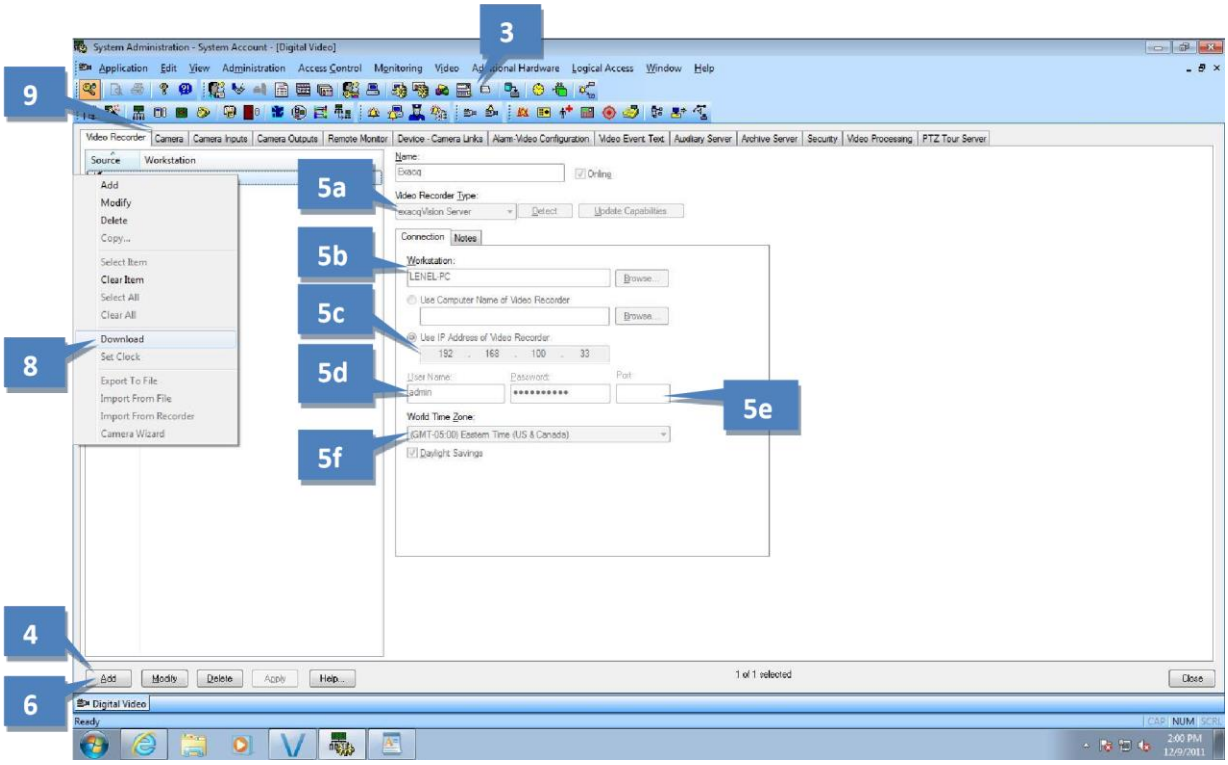
Please note that the User created in the ExacqVision Client must have at "**Power User" or "Full Admin"** level privileges. (See the ExacqVision Pro & Enterprise User Manual for more detail.)

1. Obtain a valid User ID and Password from the exacqVision server that will be used with OnGuard.
2. Obtain the IP address of the exacqVision System.
3. Obtain the User ID and Password for the OnGuard server account.
4. Obtain the User ID and Password for OnGuard System Administration.
5. Obtain the Hostname of the OnGuard server.
6. Obtain the User ID and Password for the OnGuard Database/Server.
7. Download the exacqVision plug-in for OnGuard from Exacq.com Be careful to select the correct plug-in for your OnGuard version.

Proceed with the Configuration section on the following page

Configuration

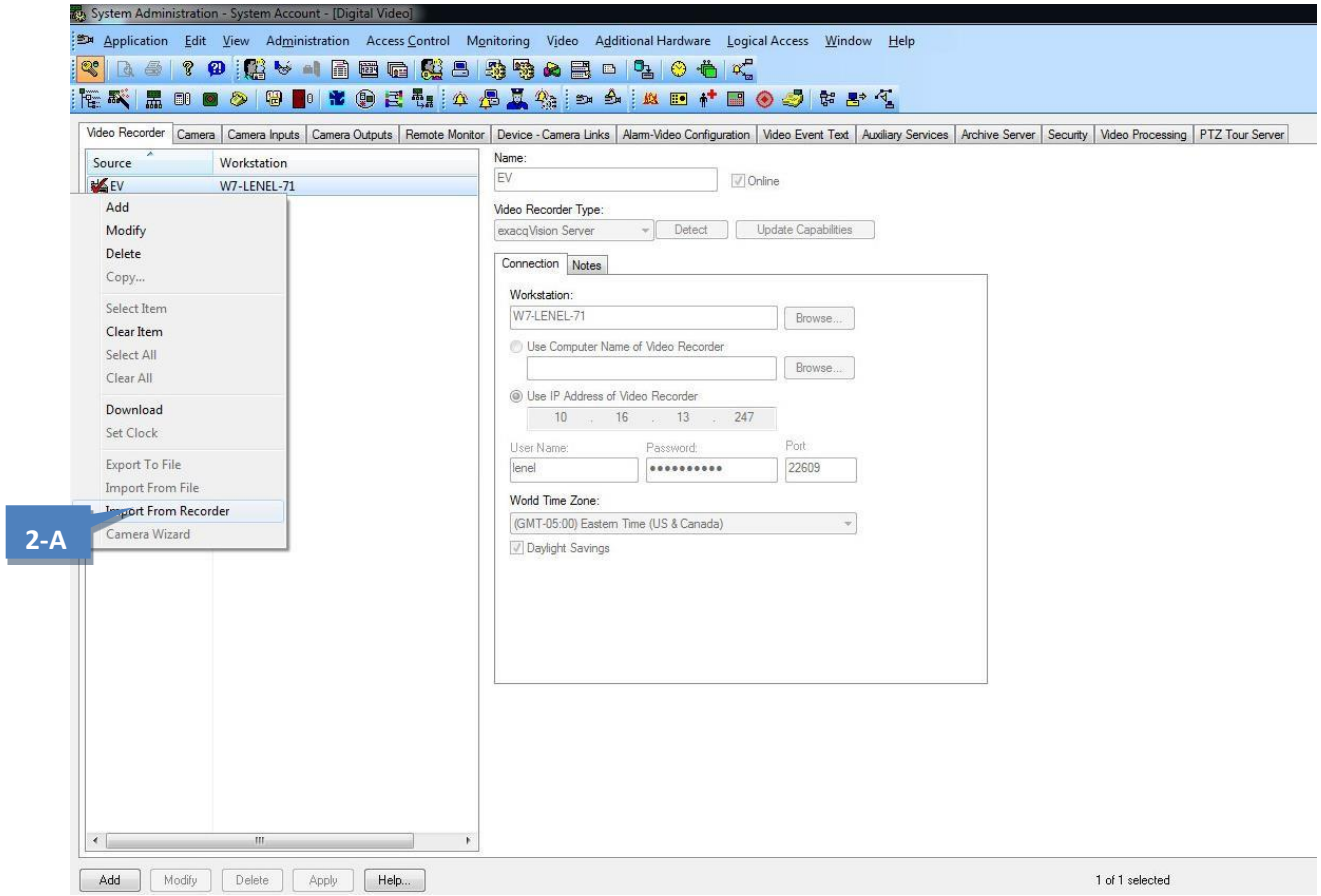
1. On the OnGuard server, install the exacqVision plug-in. This should be in the form of a ".exe" file. Follow the onscreen prompts during the install. The User ID and Password for the OnGuard Database/Server are required during the install.
2. From the **Start** menu, select **All Programs**, **OnGuard**, and **System Administration**. Log in using the User ID and Password obtained previously.
3. Click the **Video Recorder Camera Icon** to display the **Video Recorder** tab:



4. Click **Add**. (This button changes to **OK** after you change information on the tab.) 5. Enter the following information into the required fields:
   a. **Video Recorder Type**: select **exacqVision Server**.
   b. **Workstation**: enter the hostname of the OnGuard Server.
   c. **IP Address**: enter the IP address of the exacqVision server.
   d. **Username** and **Password**: enter information for the account on the exacqVision server.
   e. **Port:** Enter the exacqVision server port number. This defaults to 22609 unless it has been changed in the server configuration. The port number can be found by going to the exacqVision client configuration (Gears) panel and navigating to the Systems-->Add Systems panel. Select the desired server entry in the System List table. The port number is defined in the System Info area at the right side of that panel.
   f. **World Time Zone**: select the time zone of the exacqVision server.
6. Click **OK** (the button that was previously **Add**).
7. Ensure that the **Communication Server** and **Linkage Server** are running as a *service.*
8. Right-click the name of the server you just created in the **Video Recorder** tab and select **Download**.
9. Select the **Camera** tab (see the following page).
   a. To add cameras **automatically** via the **Import From Recorder** option, move on to step 1-A
   b. To add cameras **manually**, click the **Cameras** tab and start with instruction. 10.

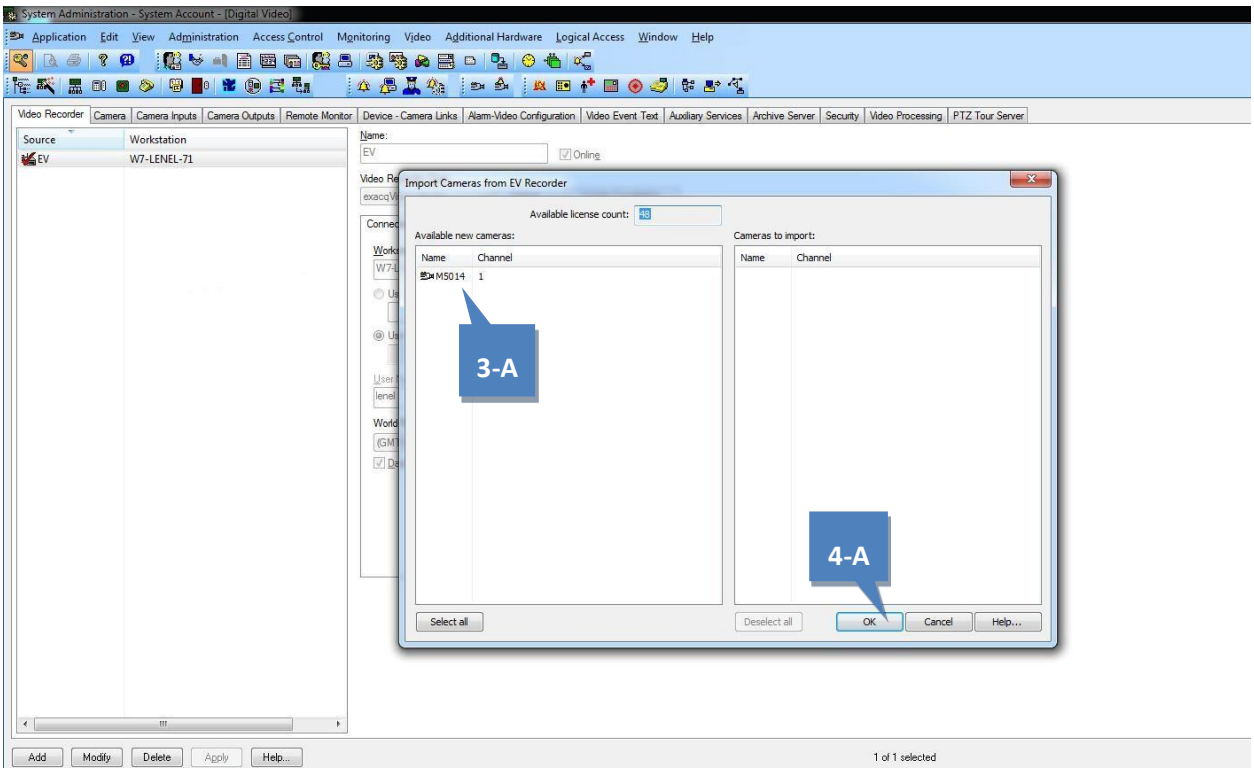
(Use this method to add cameras ***automatically***.)

1-A. Once the system has been downloaded (**step 8** above), Right Click on the Video Recorder in the Source column. 2-A. Select **Import From Recorder**

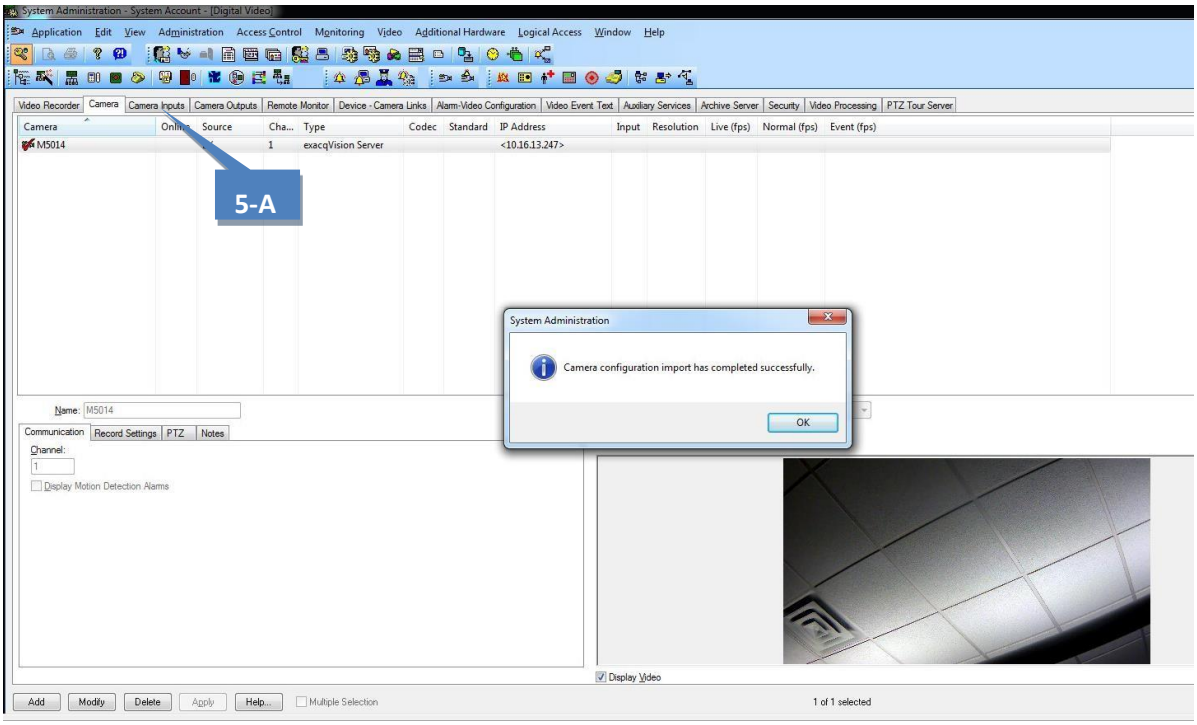


3-A. When the **Import Cameras** box pops up, select the camera(s) on the left. They will be instantly added on the right.

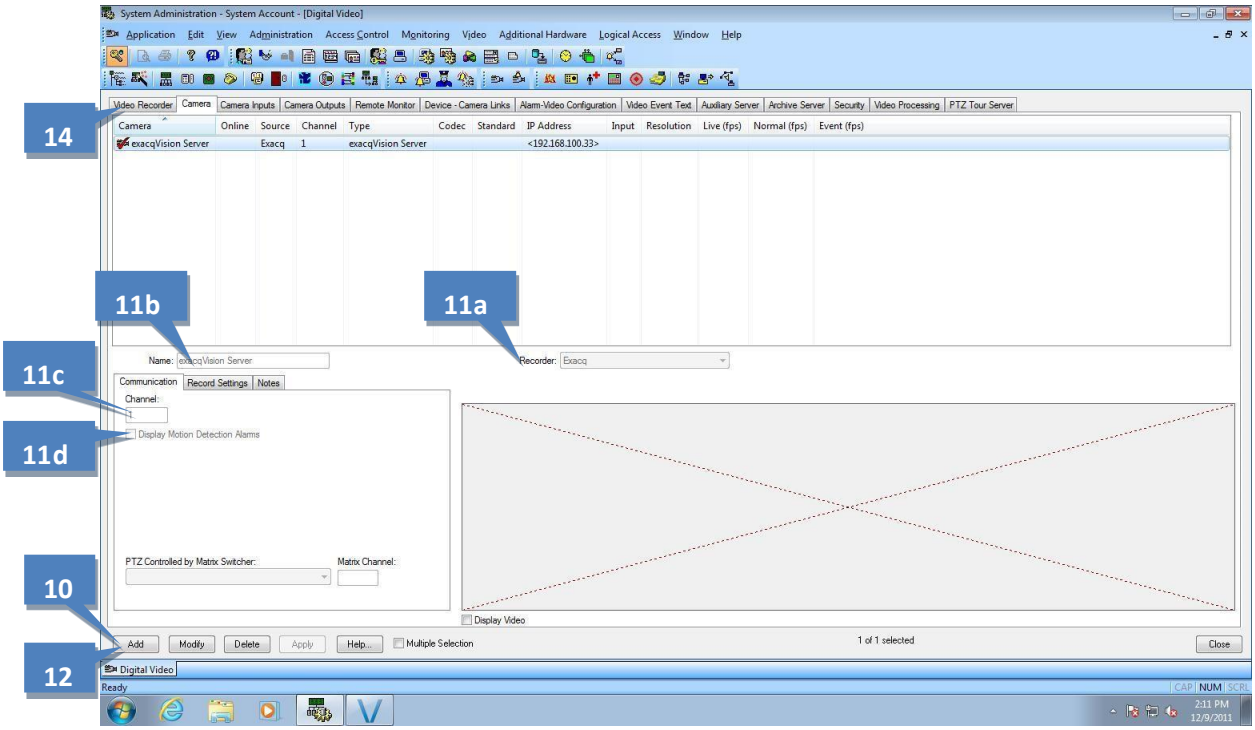
4-A. Click **OK**



5-A. Cameras will now display as successfully added on the **Camera** tab.



(Use this method to add cameras manually.)

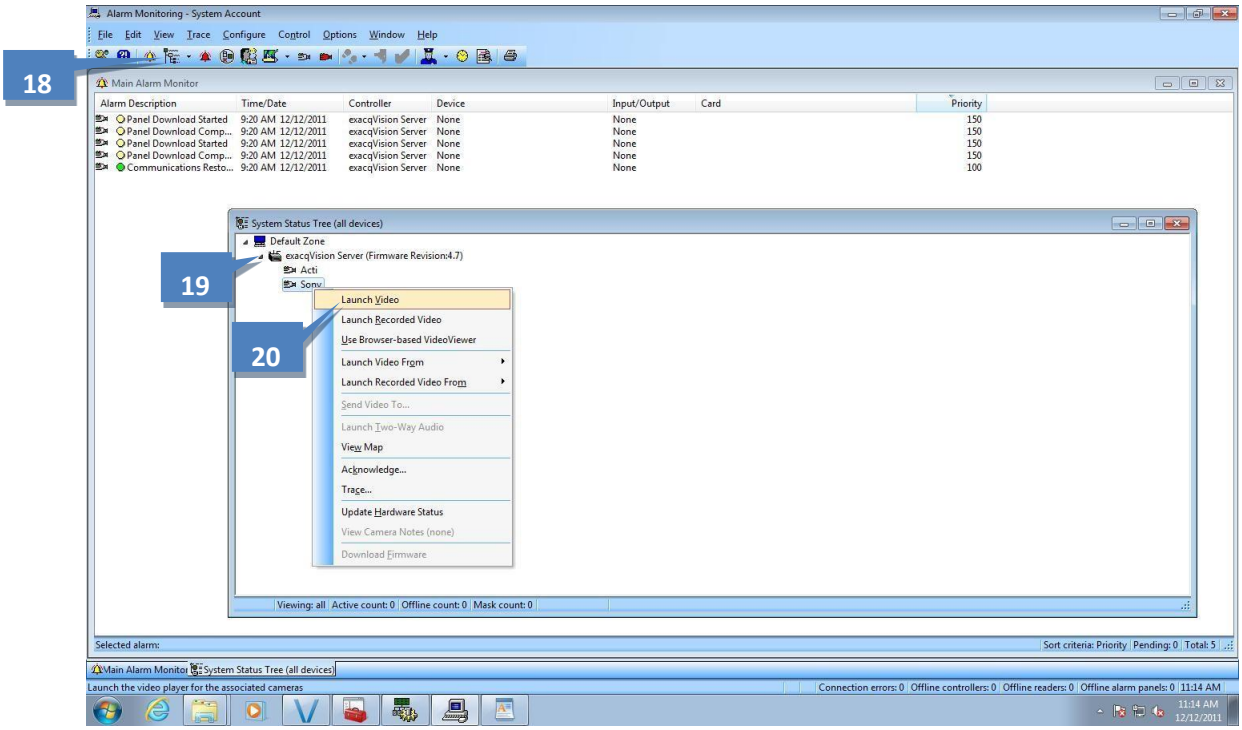


10. Click **Add**. (This button changes to **OK** after you change information on the tab.) 11. Enter the following information into the required fields:

    a. **Recorder**: select the exacqVision server configured on the Video Recorder tab.
    b. **Name**: enter the name of the camera as configured on the exacqVision server.
    c. **Channel**: enter a unique number (it usually best to start with 1 and increment it with each camera added).
    d. **Display Motion Detection Alarms**: select this if motion detection alarms are required.

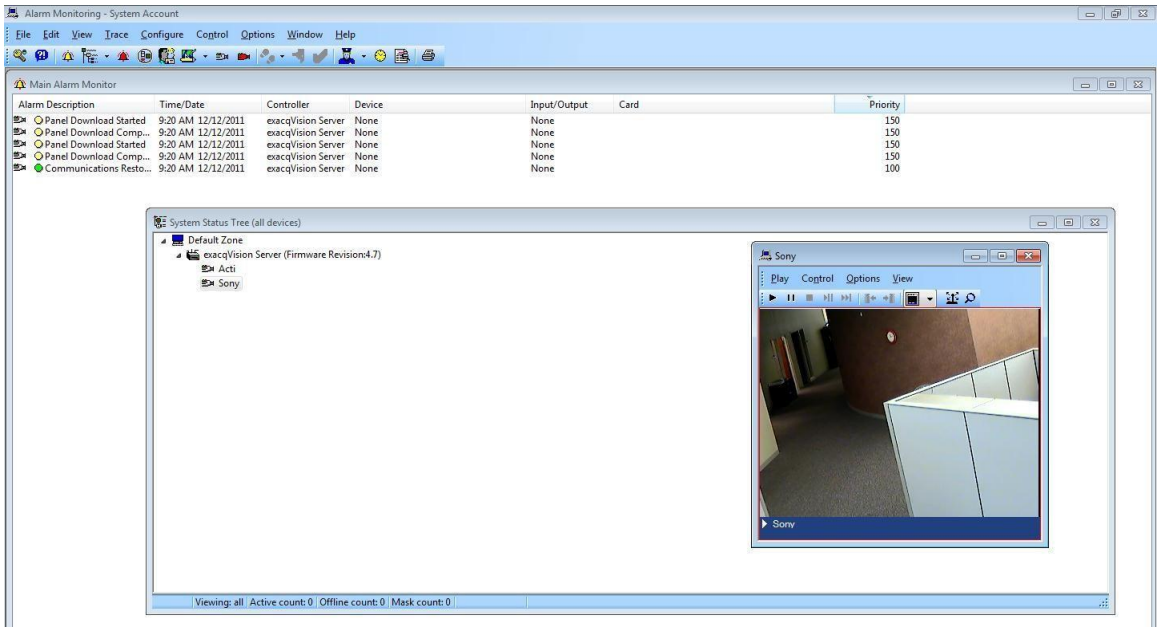
12. Click **OK** (the button that was previously **Add**).
13. Return to step 10 if any more cameras need to be added.
14. Select the Video Recorder Tab.
15. Right-click the name of the server and select Download.
16. If you have additional exacqVision servers to connect with OnGuard, return to step 4. If the final exacqVision server has been configured, proceed to the next step.
17. From the **Start** menu, select **All Programs**, **OnGuard**, and **Alarm Monitoring**. (See the following page for additional instructions.)

This image shows the Alarm Monitoring Page.



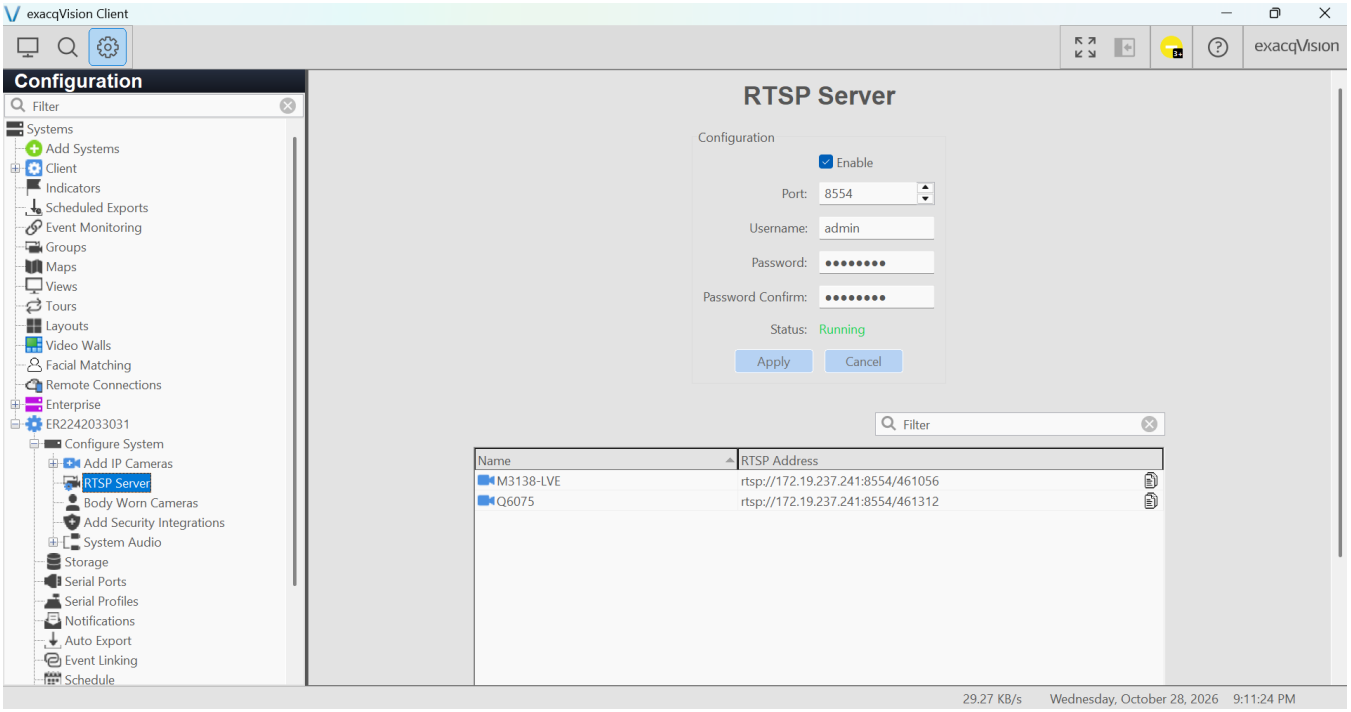
18. Click the **View System Status** Icon.
19. Expand the configured exacqVision servers to see their respective cameras.
20. Right-click on any camera and select **Launch Video**.

This image shows the Live Video Feed from the exacqVision server.

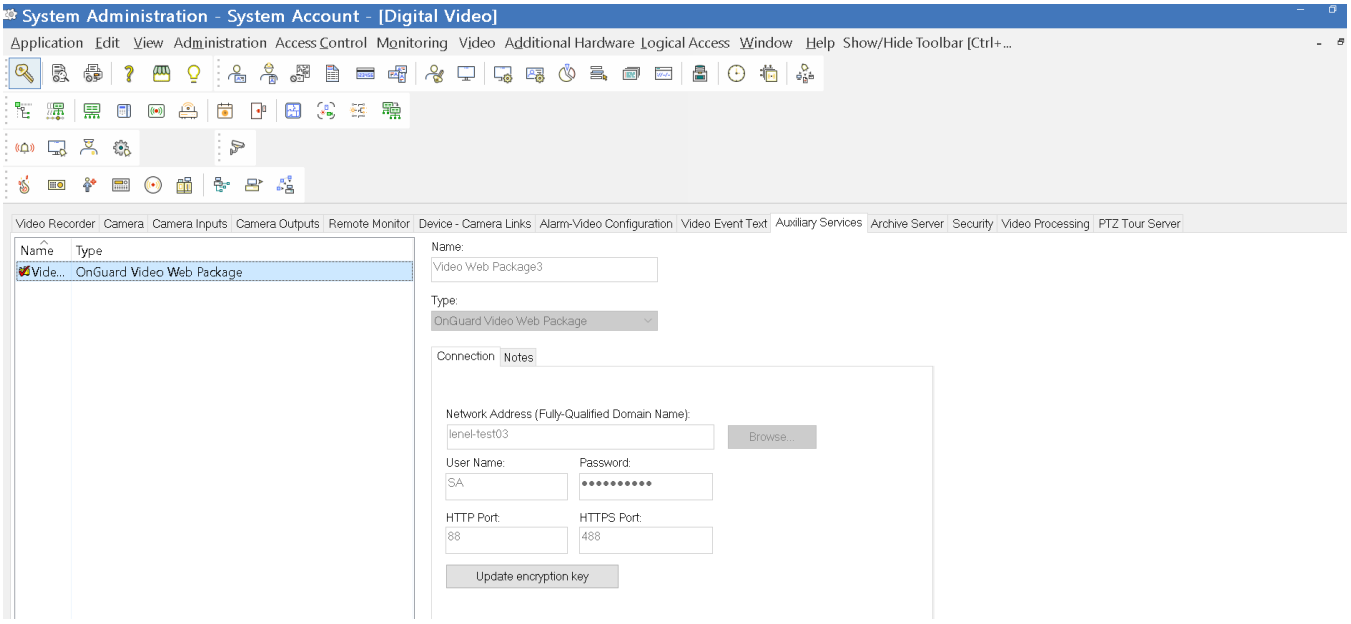


21. If you want to work with OnGuard web apps like Monitor or Surveillance, you need to install and configure Open Video Web Package on exacqVision server.
22. Install the exacqVision plug-in.

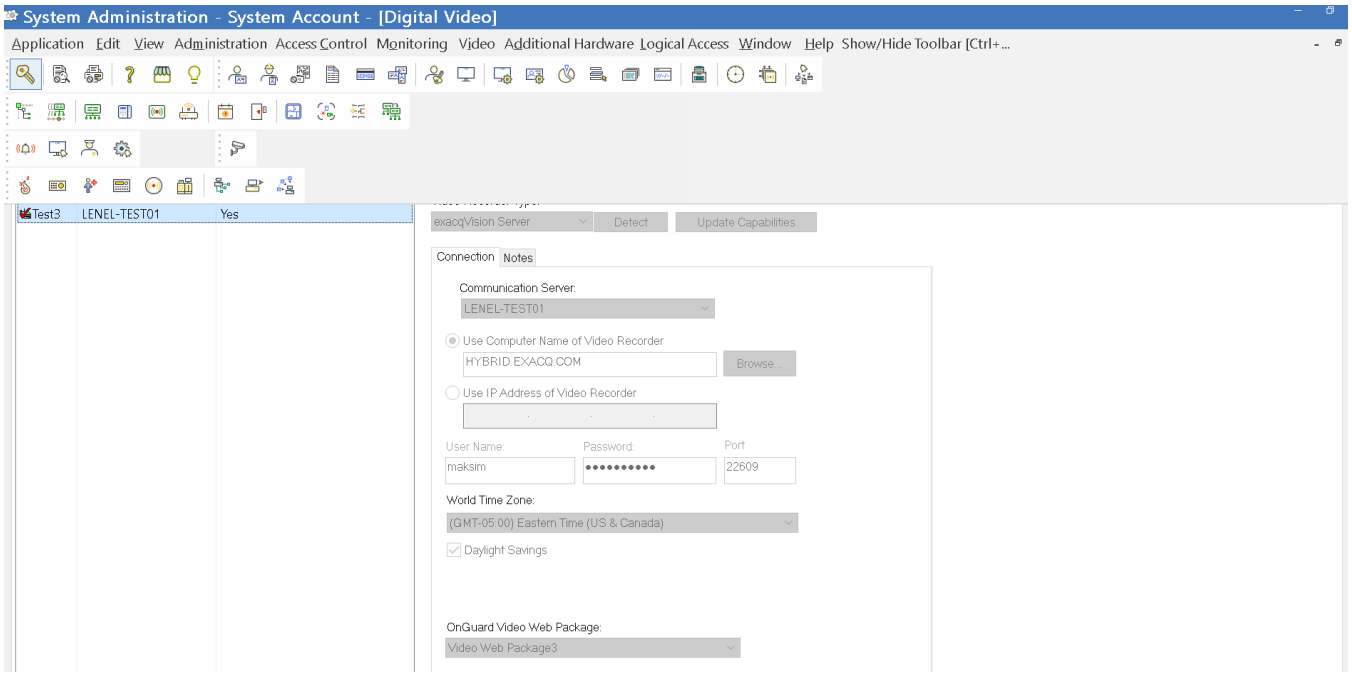
23. In exacqVision client you should configure and enable RTSP server as on screenshot because web apps support only RTSP streams.



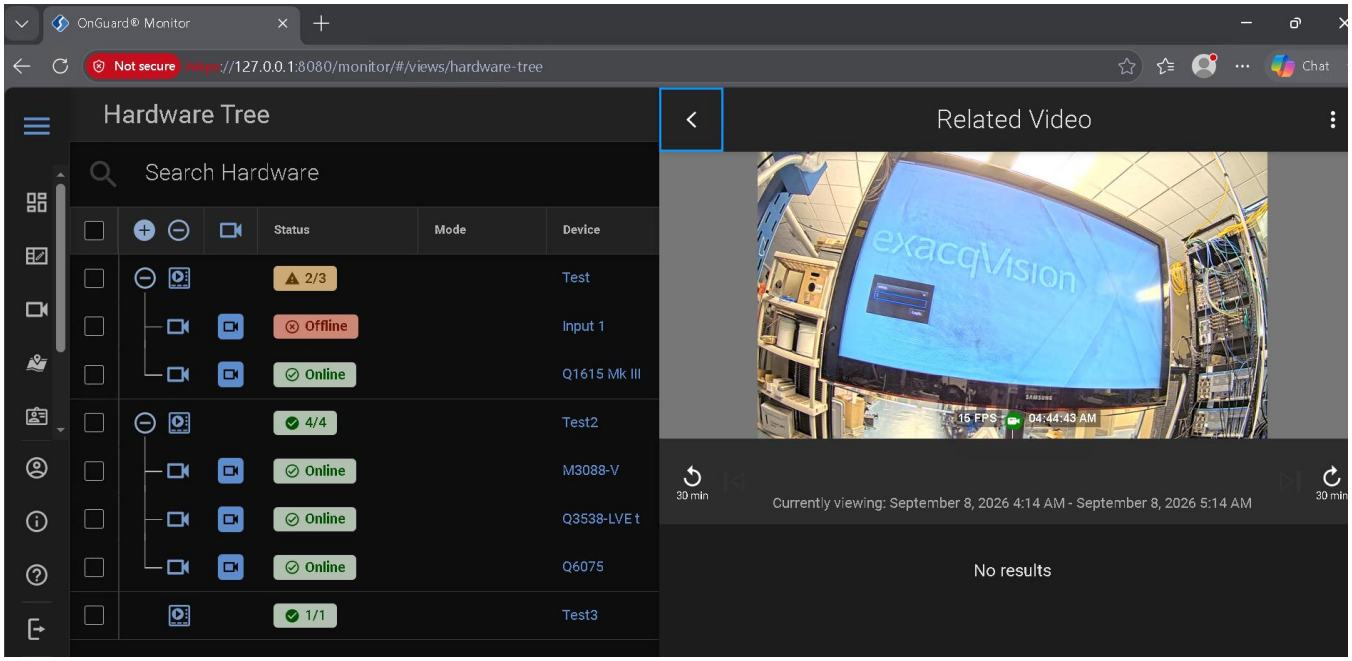
24. In System Administration you should configure Auxiliary service as you can see on screenshot



25. In System Administration you should assign new created auxiliary service to your recorder like on screenshot



26. After that you can work with cameras in OnGuard web apps for configured video recorders.



NOTE: To patch the exacqVision plug-in for OnGuard, stop System Administration, Alarm Monitoring, and Communication Server from Windows Services. After the patch is applied, restart those items and verify that you can see video in the Alarm Monitoring page. If no video is shown, delete the recorder in System Administration and repeat the steps in this document to re-establish connection.

Contact Info & Support

LENEL

Lenel Support & Resources: https://www.lenel.com/support-resources Lenel Customer Support: https://www.lenel.com/support-resources/customer-support

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EXACQ

ExacqVision Support & Resources: https://exacq.com/support/

Exacq Tech Support: https://exacq.com/support/techsupport/