1 Requirements

The ELERTS integration works with any exacqVision system. This document assumes that the exacqVision server is installed and running.

Minimum software requirements:

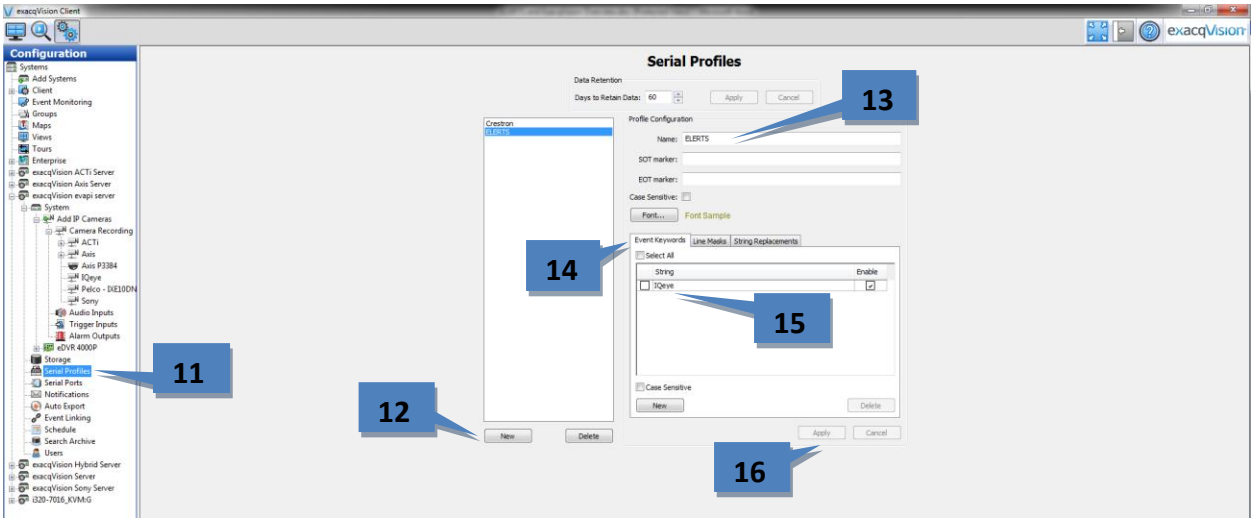
- exacqVision version 4.2 or later
- ELERTS Epic v2.1.0 Web Application and a corresponding ELERTS App for iOS or Android devices.

2 ELERTS Configuration

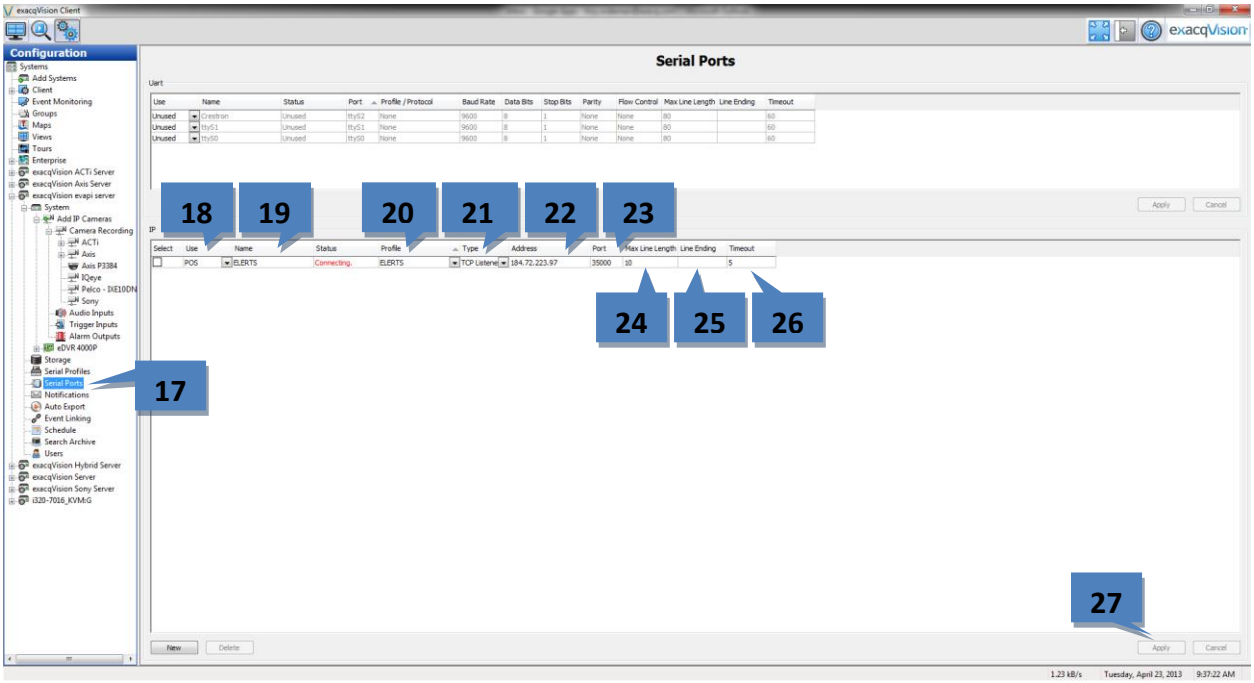
1. Download and install the ELERTS Campus or Medic application from the Apple or Google app store.
2. Configure the installed application based on the settings that were provided by ELERTS.
3. Log in to the ELERTS Epic web based console with the user privileges provided by ELERTS.
4. Under **Admin**, choose **Manage CCTV** cameras.
5. Under **Camera Actions**, choose **Add Camera**.
6. Name the camera and define the four corners of the polygon that corresponds to the camera field of view. (To simplify the Event Linking step later in this document, name the camera with the same name used on the exacqVision system.)
7. Repeat these steps for any other camera definitions.
8. Under **Admin**, choose **VMS Settings** and select **Exacq**.
9. Enter an IP address and port that will work for your network.
10. For additional questions regarding ELERTS configuration, consult your ELERTS manual.

3 Exacq Configuration

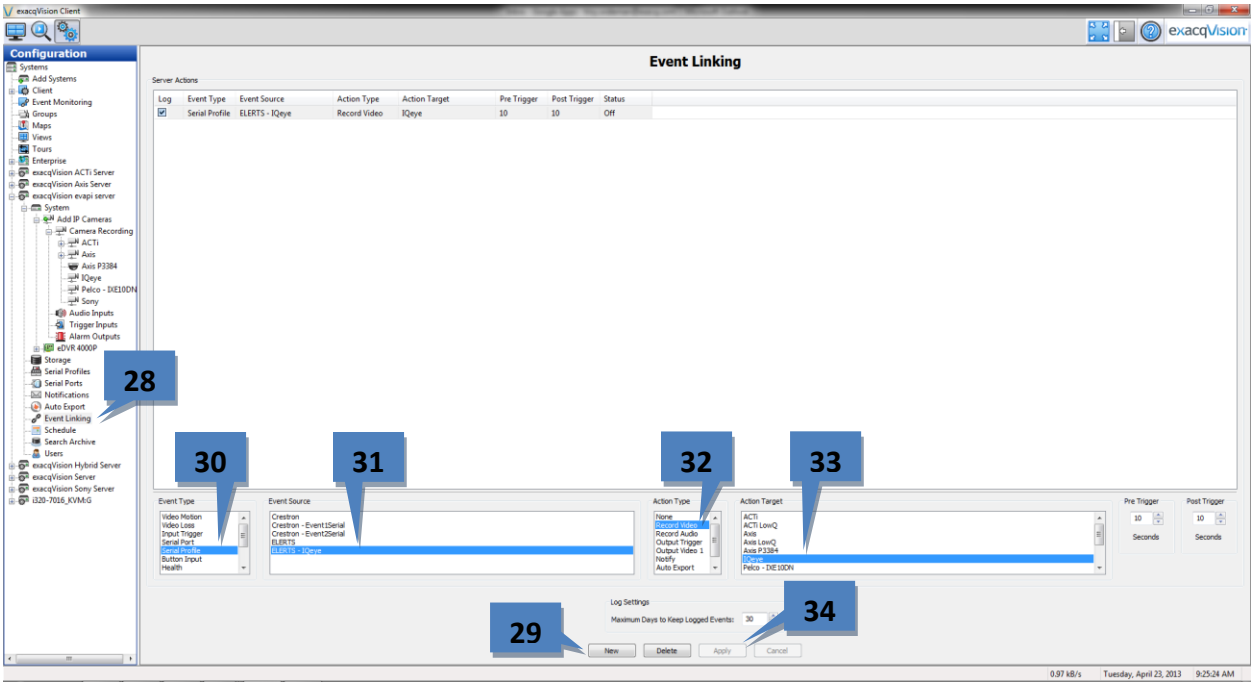
11. On the exacqVision server, select **Serial Profiles** from the tree.
12. Click the **New** button under **Existing Profiles**.
13. Enter a new **Profile Name** such as **ELERTS**.
14. Click on the **Event Keywords** tab.
15. Enter the name for each camera created in the previous steps in the ELERTS Epic web console. Select Enable for each one.
16. Click **Apply**.



17. On the exacqVision server, select **Serial Ports** from the tree.
18. In the **Use** column, select **POS**.
19. In the **Name** column, select a name such as **ELERTS.**
20. In the **Profile** column, select the profile name you created previously**.**
21. In the **Type** column, choose **TCP Listener**.
22. In the **Address** column, enter the IP address of the ELERTS server sending the serial messages.
23. In the **Port** column, enter the port that was entered for the exacqVision system in the ELERTS Epic web console.
24. For **Max Line Length**, enter a value longer than the length of the largest camera name. Normally, the default is long enough.
25. Leave **Line Ending** at the default value.
26. Leave **Timeout** at the default value.
27. Click **Apply**.



28. On the exacqVision server, select **Event Linking** from the tree.
29. Click **New**.
30. Under **Event Type**, select **Serial Profile**.
31. Under **Event Source**, select the profile you created previously and the keyword of the camera of interest.
32. Under **Action Type**, select an action such as **Record Video**.
33. Under **Action Target**, select the camera of interest. (If you named the cameras the same way in the ELERTS Epic web as they are in exacqVision, it is easier to identify them here in Event Linking.)
34. Click **Apply**.



When you send in a report from the ELERTS Campus or Medic iOS or Android app, the integration will determine which field of view you are located in by GPS based on the polygons entered in the ELERTS Epic web based console. The ELERTS server will send a text message containing the camera name for that field of view. After the message is received on the exacqVision server, the corresponding Event Linking action will be taken (if configured). Event Monitoring could also be used for further actions; for information on configuring Event Monitoring, refer to the exacqVision Users Manual (or press F1 in exacqVision to view the Help file).