1 Requirements

The Crestron serial integration works with any exacqVision system. This document assumes that the exacqVision server and Crestron are both installed and running, and that Crestron has been configured with the desired serial information.

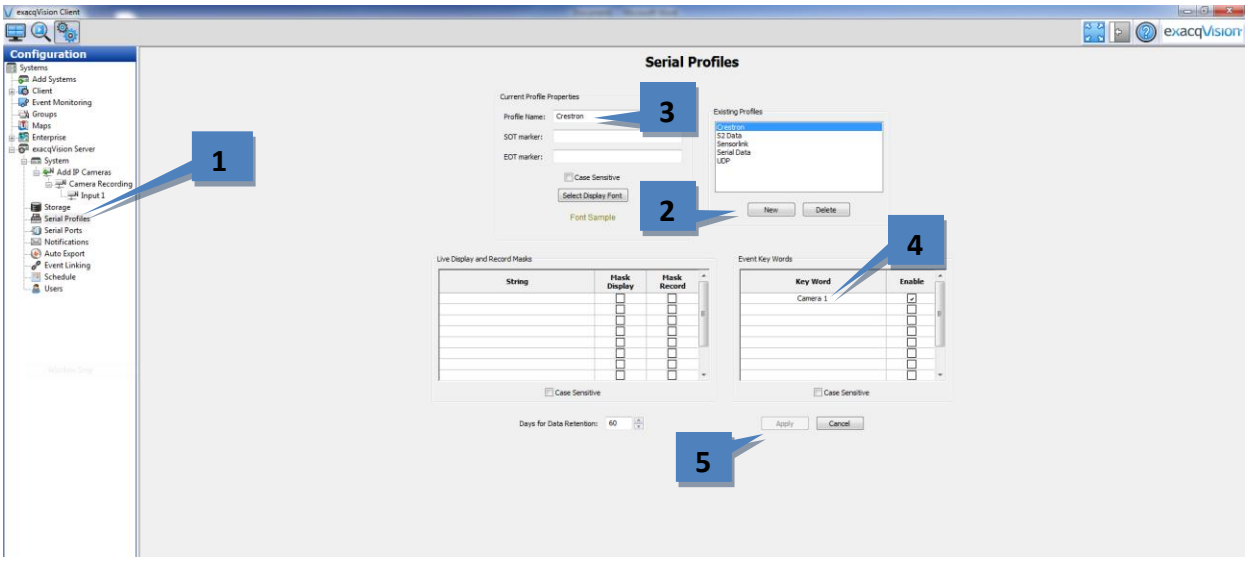
Minimum software requirements:

- exacqVision version 4.2 or later
- Crestron with configurable serial output via RS-232 or Serial Over IP

2 Serial Configuration

1. On the exacqVision server, select **Serial Profiles** from the tree (see image below).
2. Click the **New** button under **Existing Profiles**.
3. Enter a new **Profile Name** such as **Crestron**.
4. Under **Event Key Words**, enter the key word configured in Crestron to be sent out serially. In this example **Camera 1** is the key word.
5. Click **Apply**.

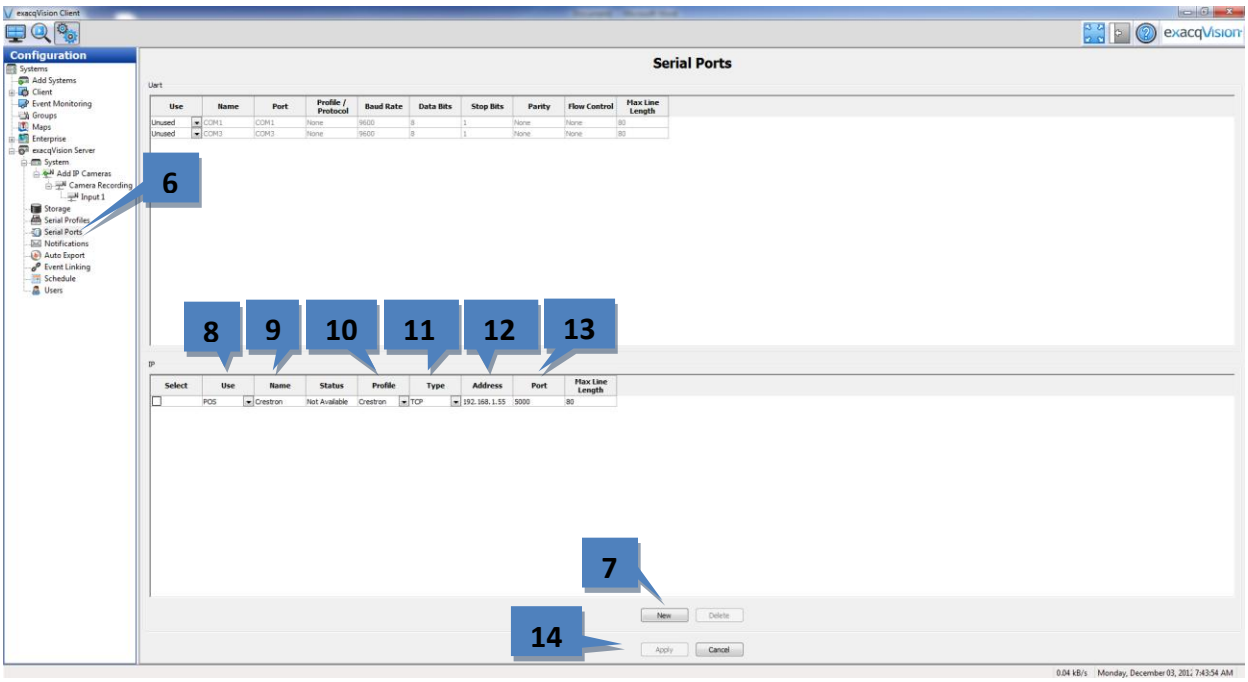
NOTE: You can configure more **Key Words** by adding them to the **Event Key Words** list.



6. On the exacqVision server, select **Serial Ports** from the tree (see image below).
7. Click the **New** button.
8. In the **Use** column under the **IP** section, select **POS**.
9. In the **Name** column, enter a name such as **Crestron.**
10. In the **Profile** column, select the previously created profile from the drop-down list.
11. In the **Type** column, select **TCP or TCP Listener.** (This type used depends on how Crestron is configured; if one doesn't work, come back to this window and try the other.)
12. In the **Address** column, enter the IP address of Crestron.
13. In the **Port** column, enter the port number.
14. Click **Apply**.

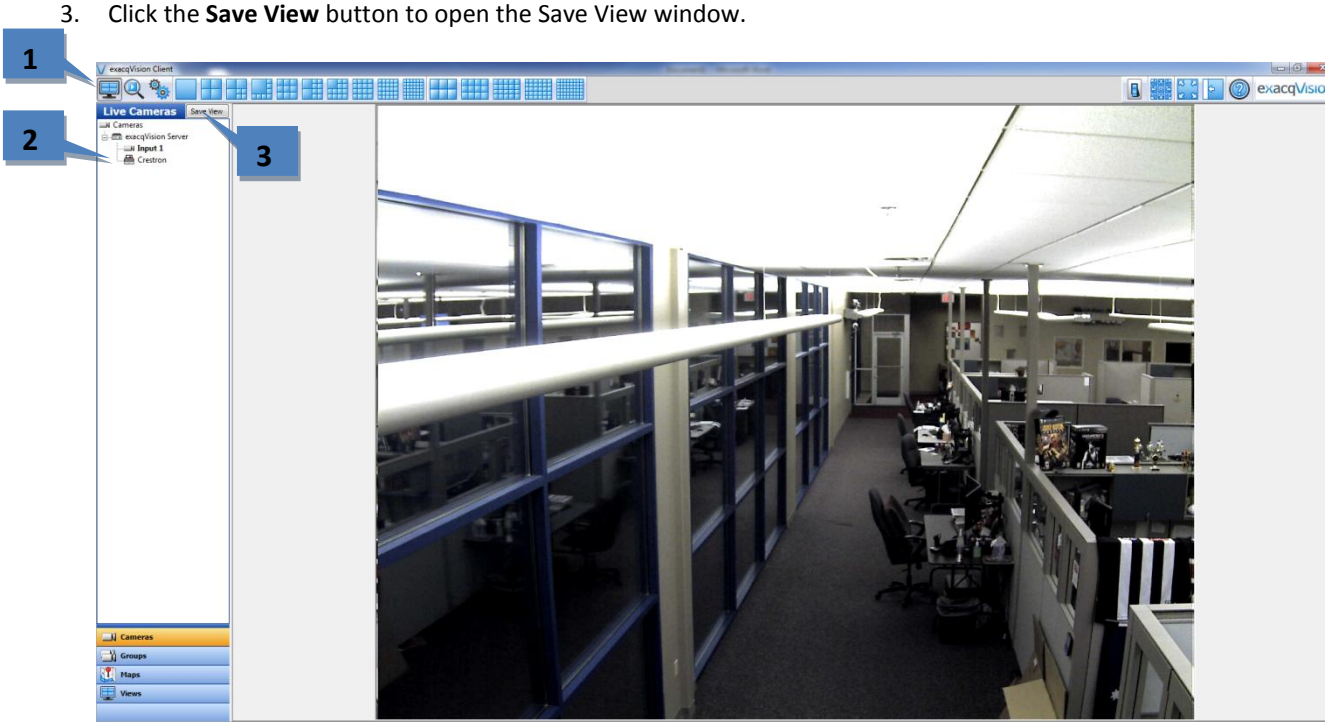
NOTES:

- Be sure that the serial message coming from Crestron contains an ASCII hexidecimal line feed (x0A) or carriage return (x0D) at the end of each transmission.
- The status will change to **Connected** when the Crestron system sends out the serial information.
- If using an RS-232 connection, configure the connection under the **Uart** section.



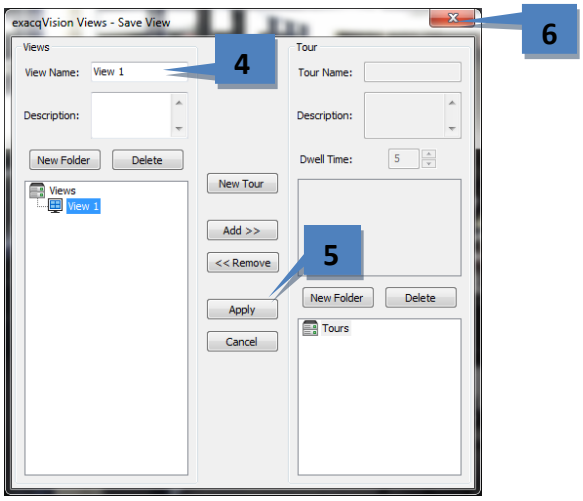
3 Event Monitoring "View" Configuration

1. On the exacqVision server, select **Live View** (see image below).
2. Drag the camera you want to view into the view window; in this case **Input 1**.
3. Click the **Save View** button to open the Save View window.



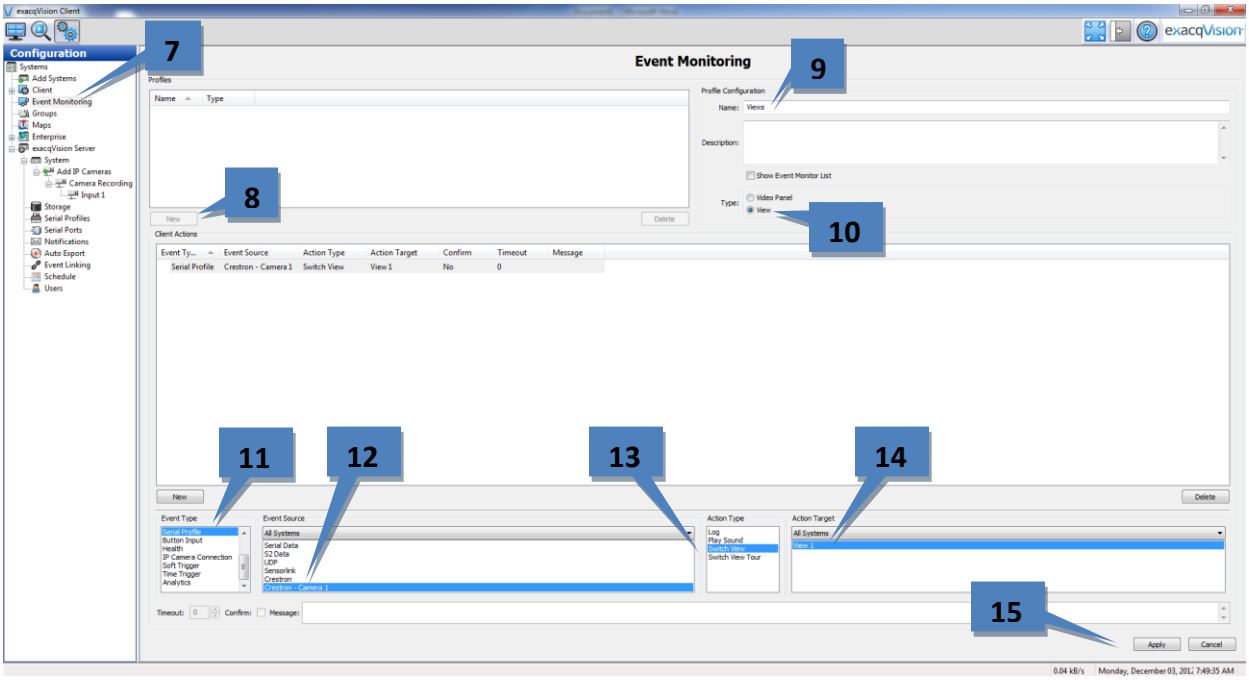
4. Enter a **View Name**; in this case **View 1**.
5. Click **Apply**.
6. Close the **Save View** dialog box by clicking on the red X in the upper-right corner.

NOTE: You can create additional views by repeating steps 3-6.



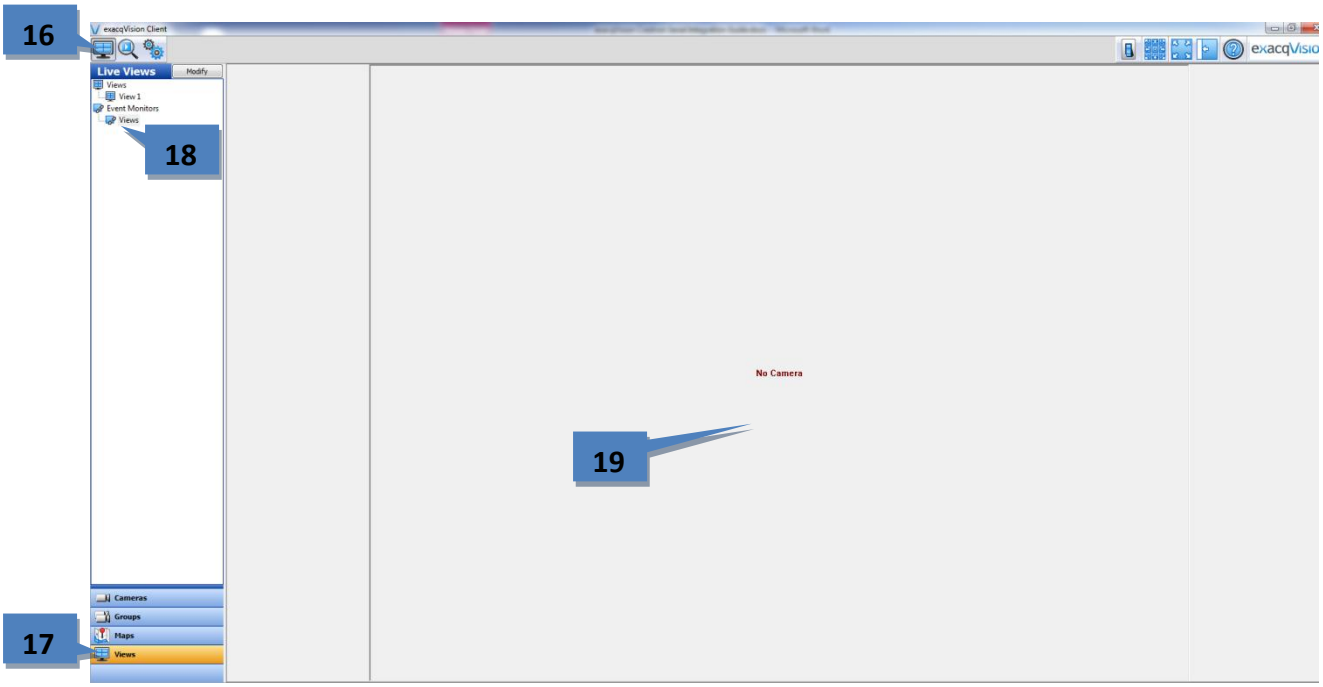
7. On the exacqVision server, select **Event Monitoring** from the tree (see image below).
8. Click the **New** button under **Profiles**.
9. In the **Name** box, select a name; in this case **Views**.
10. For **Type**, select **View**.
11. Under **Event Type**, select **Serial Profile**.
12. Under **Event Source**, select the previously created profile and key word; in this case **Crestron – Camera 1**.
13. Under **Action Type**, select **Switch View**.
14. Under **Action Target**, select the previously created view; in this case **View 1**.
15. Click **Apply**.

NOTE: If you have more than one view and key word in your profile, you can link additional views by clicking **New** under **Client Actions** and repeating the process.



16. On the exacqVision server, select **Live View** (see image below).
17. Click on **Views** in under the tree.
18. Double-click on the Event Monitoring profile created previously under Event Monitors; in this case **Views**.
19. When you send the serial data from the Crestron system, the view will change as defined by the Event Monitoring profile.

NOTE: An image will not be displayed until the serial data is transmitted to the exacqVision server, and only if the data matches one of the key words in the serial profile. If you want to display an image before sending serial data, a default view must be defined.



NOTE: To see the views in full screen, press F11, F8, and then F4. To return to the standard view, press the buttons in the same sequence.