

1 Requirements

The Image Sensing integration works with any exacqVision system. This document assumes that the exacqVision server and the Image Sensing ANPR processors are both installed and running.

Minimum software requirements:

- exacqVision version 4.2 or later
- Image Sensing version 7.6 or later

Certified Server Application

This application is certified to run on:

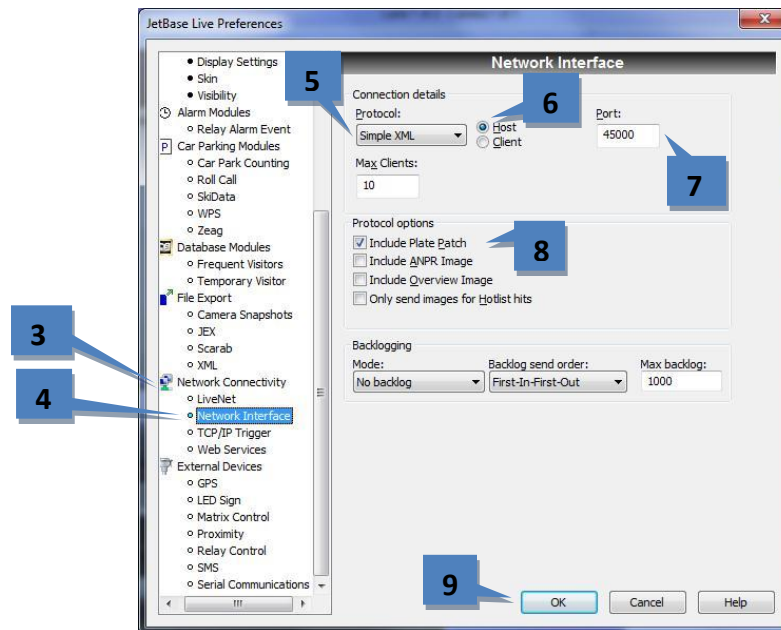
- Any exacqVision A Series server with the CPU, RAM, and hard drive upgrade
- Any normally configured exacqVision Z Series servers

Additional Notes

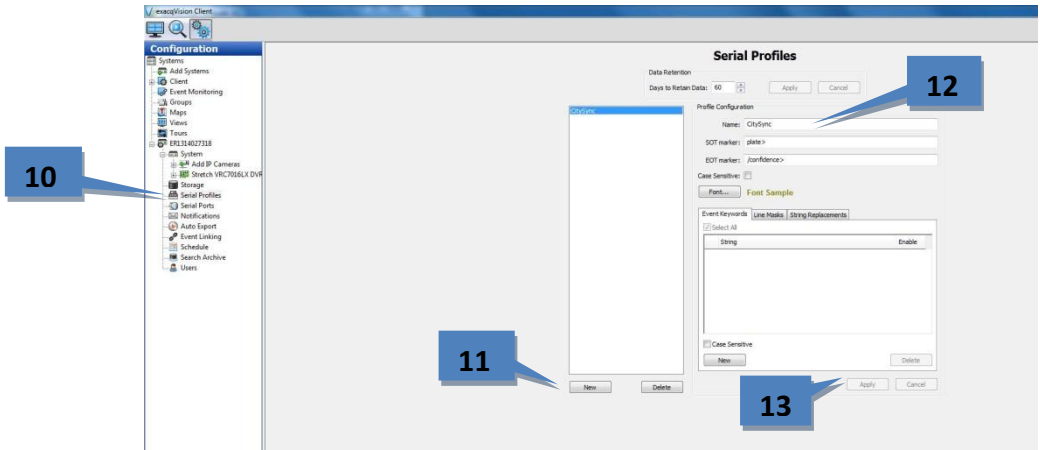
- Use of this software on the exacqVision server negatively impacts the rated live display rate. This impact is rated at 60 frames per second of throughput.
- To limit the size of the log file so that it doesn't use the entire operating system drive capacity, change the logging settings as needed in Image Sensing.
- Only the Image Sensing software is certified to run on an exacqVision server. The Image Sensing capture cards are not certified to be installed on the exacqVision server.

2 Configuration

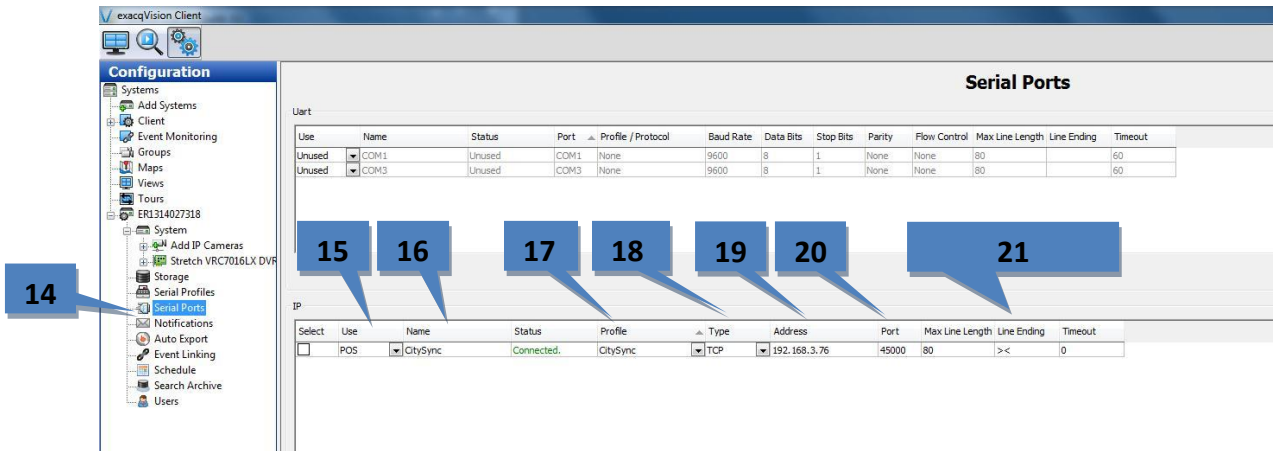
1. Open **JetBase Live** and log in.
2. From the **JetBase Live** menu, select **Options** -> **JetBase Live Preferences**.
3. Scroll down and locate **Network Connectivity**.
4. Under **Network Connectivity** select **Network Interface**.
5. From the **Protocol** drop-down menu select **Simple XML**.
6. Check the **Host** radial button.
7. Enter an open **Port** and note what the setting is. (This will be needed in the exacqVision Serial Ports configuration later.)
8. In the **Protocol Options** select the **Include Plate Patch** box.
9. Click **OK**.



10. On the exacqVision server, select **Serial Profiles** from the tree.
11. Click the **New** button under **Existing Profiles**.
12. Enter a new **Profile Name** such as **Image Sensing** (CitySync below was the previous product name).
13. Click **Apply**.



14. On the exacqVision server, select **Serial Ports** from the tree (see image below).
15. In the **Use** column, select **POS**.
16. In the **Name** column: select a name such as **Image Sensing** (CitySync below was the previous product name).
17. In the **Profile** column select the profile name you created in step 12.
18. In the **Type** column select **TCP**.
19. In the **Address** column enter the address of the exacqVision server if Image Sensing is running on the server, otherwise enter the address of the Image Sensing server.
20. In the **Port** column enter the port from step 7.
21. Leave the **Max Line Length**, **Line Ending**, and **Timeout** values at their default values. Click apply when finished.



22. Click on the **Live Page** icon in the exacqVision menu bar:



23. Double-click the name of the profile you created in step 16 to display it in the panel.

24. Double-click on the camera for the traffic lane the plate information correlates to.

25. You should now see scrolling plate information overlaid on the live traffic lane camera.

Note: To see the data in the format below, you will need to apply some formatting in the serial profile. To obtain the settings to look as it does below, contact evAPI_support@exacq.com.

The screenshot shows the exacqVision Client interface. On the left, a 'Live Cameras' panel lists various camera inputs. Callout box 22 points to the 'Live Cameras' menu bar at the top. Callout box 23 points to the camera selection list in the 'Live Cameras' panel. Callout box 24 points to the camera selection in the list. Callout box 25 points to the overlaid data panel on the right. The data panel displays information for two lanes: Lane 2 and Lane 1. Lane 2 shows a plate 'MRK047' with a confidence of 83 and a time of 2013-06-27T13:59:59.551-04:00. Lane 1 shows a plate 'MRK047' with a confidence of 99 and a time of 2013-06-27T14:00:00.741-04:00. The camera feed shows a truck with two license plates: 'INDIANA 813942 L' and 'KANSAS MRK 047'. The status bar at the bottom indicates '947.27 KB/s Thursday, June 27, 2013 2:00:02 PM'.