

1 Overview

The purpose of this guide is to provide instructions for integrating the Brickstream® LIVE sensor to exacqVision. This integration uses the serial data interface in exacqVision, specifically a TCP/IP serial port. Both exacqVision and the Brickstream sensor need to be configured to communicate on this port.



Software versions as tested:

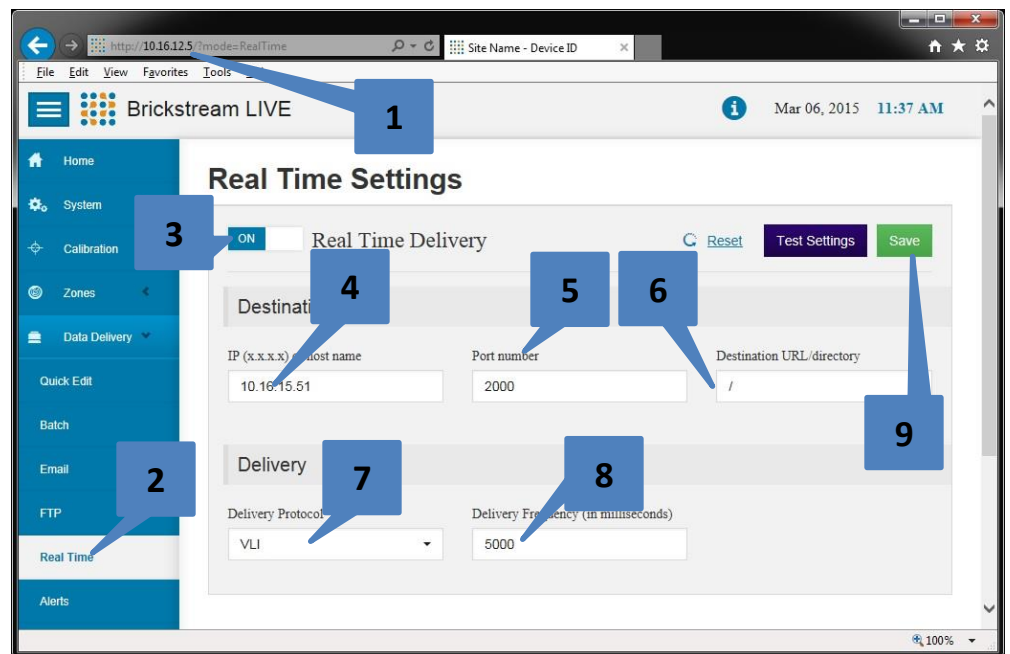
- exacqVision Client 6.6
- exacqVision Server 6.6
- exacqVision Professional or Enterprise license
- Brickstream sensor firmware 1.0.0.162
- Brickstream ONVIF support firmware 0.1.1.62

2 Configuration

An analytic must be configured on the Brickstream sensor to trigger the transmission of meaningful data. Refer to the Brickstream LIVE sensor Installation Guide for setup and calibration details. Then complete the following steps:

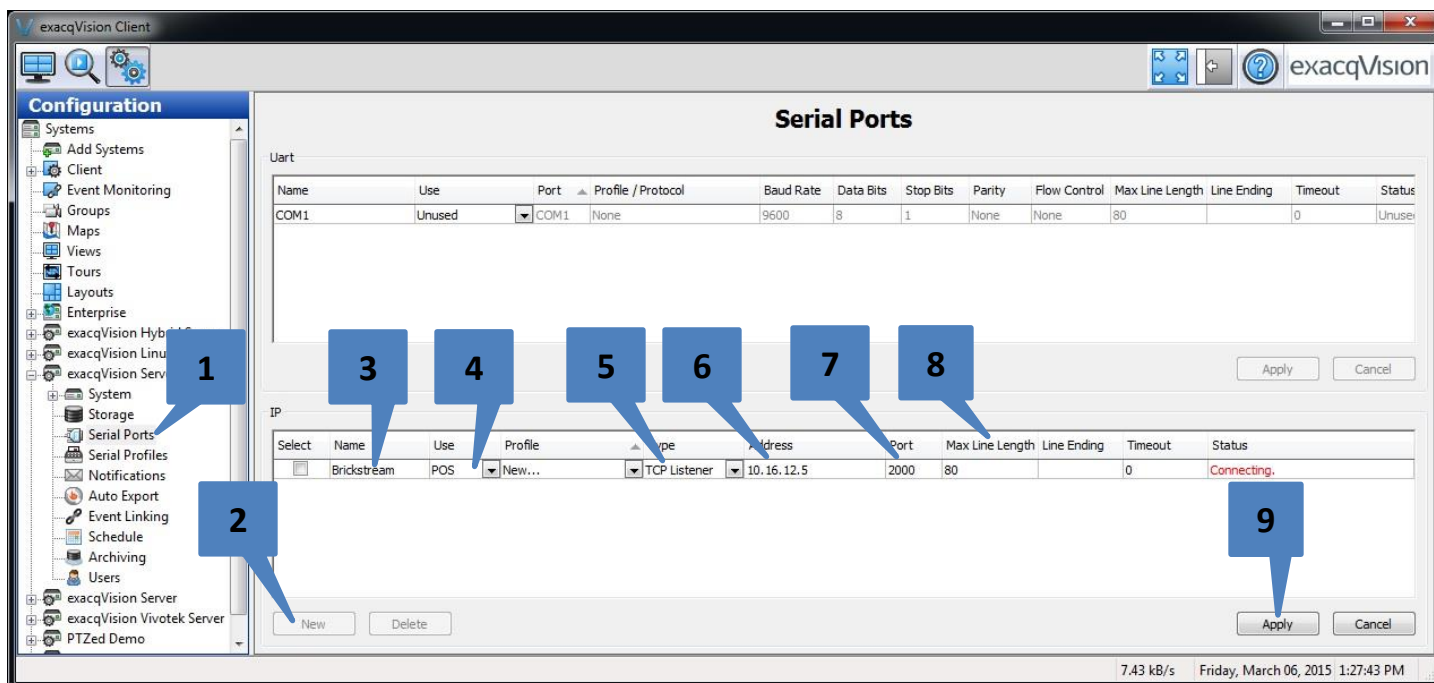
1. Navigate to the Brickstream sensor interface in a browser.
2. Select **Real Time** from the menu.
3. Select **ON**.
4. Enter the exacqVision system's IP address.
5. Enter an unused port number
6. Leave a forward slash as the Destination URL Directory.
7. Select **VLI** as the Delivery Protocol.
8. Enter a delivery frequency.
9. Click **Save**.

NOTE: Alerts can be configured in a similar way.



On the exacqVision system, complete the following steps in exacqVision Client:

1. Select **Serial Ports** in the site tree.
2. Click **New**.
3. Type a name for the serial port.
4. In the **Use** column, select **POS, ATM, or Access Control**. This selection does not affect functionality; it simply determines the icon displayed in exacqVision Client Live view.
5. In the **Type** column, select **TCP Listener**.
6. Enter the IP address of the Brickstream LIVE sensor.
7. Enter the port selected in the Brickstream LIVE configuration.
8. Do not change the default settings for **Max Line Length (80)**, **Line Ending (blank)**, or **Timeout (0)**.
9. Click **Apply**.



On the Serial Profiles page, complete the following steps:

1. Enter a name for the profile.
2. Select **XML** as the Marker Type (this will remove XML tagging characters).
3. Click **Apply**.
4. Verify that the profile name matches the name entered in step 1.
5. Select the Serial Port created previously.
6. Click **Apply**.
7. Data from Brickstream LIVE should be refreshed in the preview window at the frequency selected.
8. To change the data stream font color for better visibility, click **Font...** and selecting a color.
9. Optionally, you can define event keywords for event linking, create line masks, and configure string replacements and rules. See the exacqVision documentation for more details.

