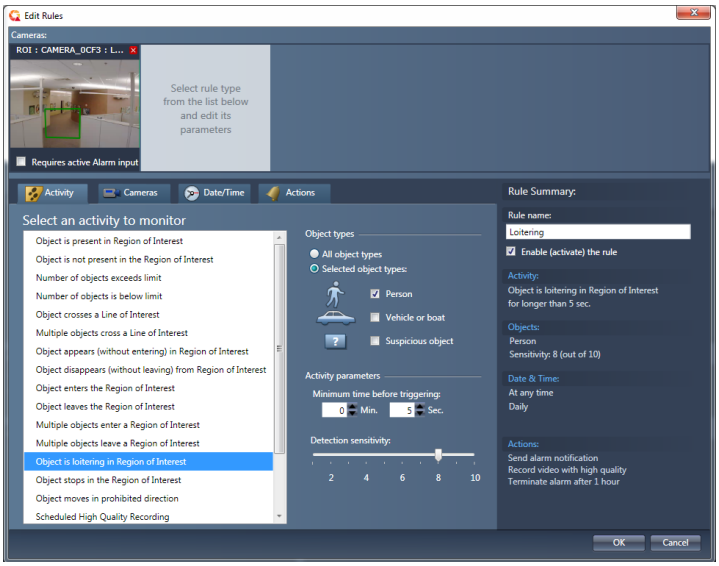
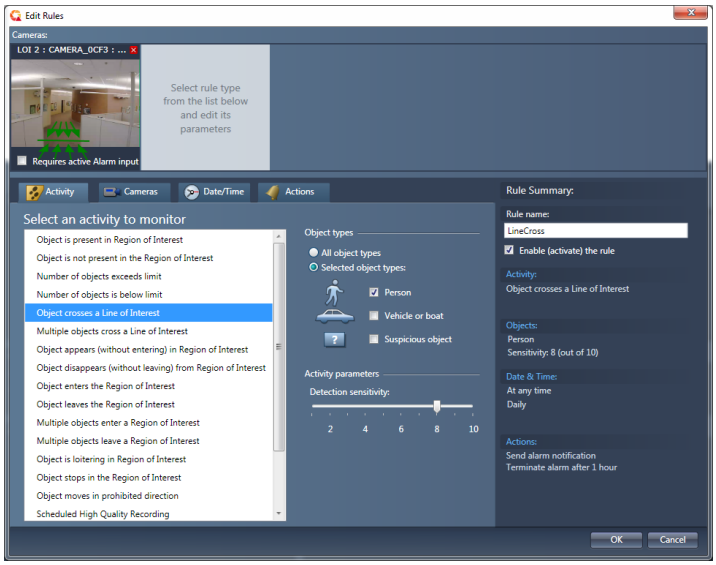
1 Requirements

The VideoIQ camera with analytics can be used with any exacqVision server running exacqVision version 4.0 or later.

2 Configuring Camera Analytics

1. On the camera's Settings page, deselect DHCP and enter a fixed IP, subnet, and router.
2. Set Authentication to Basic.
3. Configure the analytic alarms in the VideoIQ View software. Below are two examples for Loitering and Line Cross events.





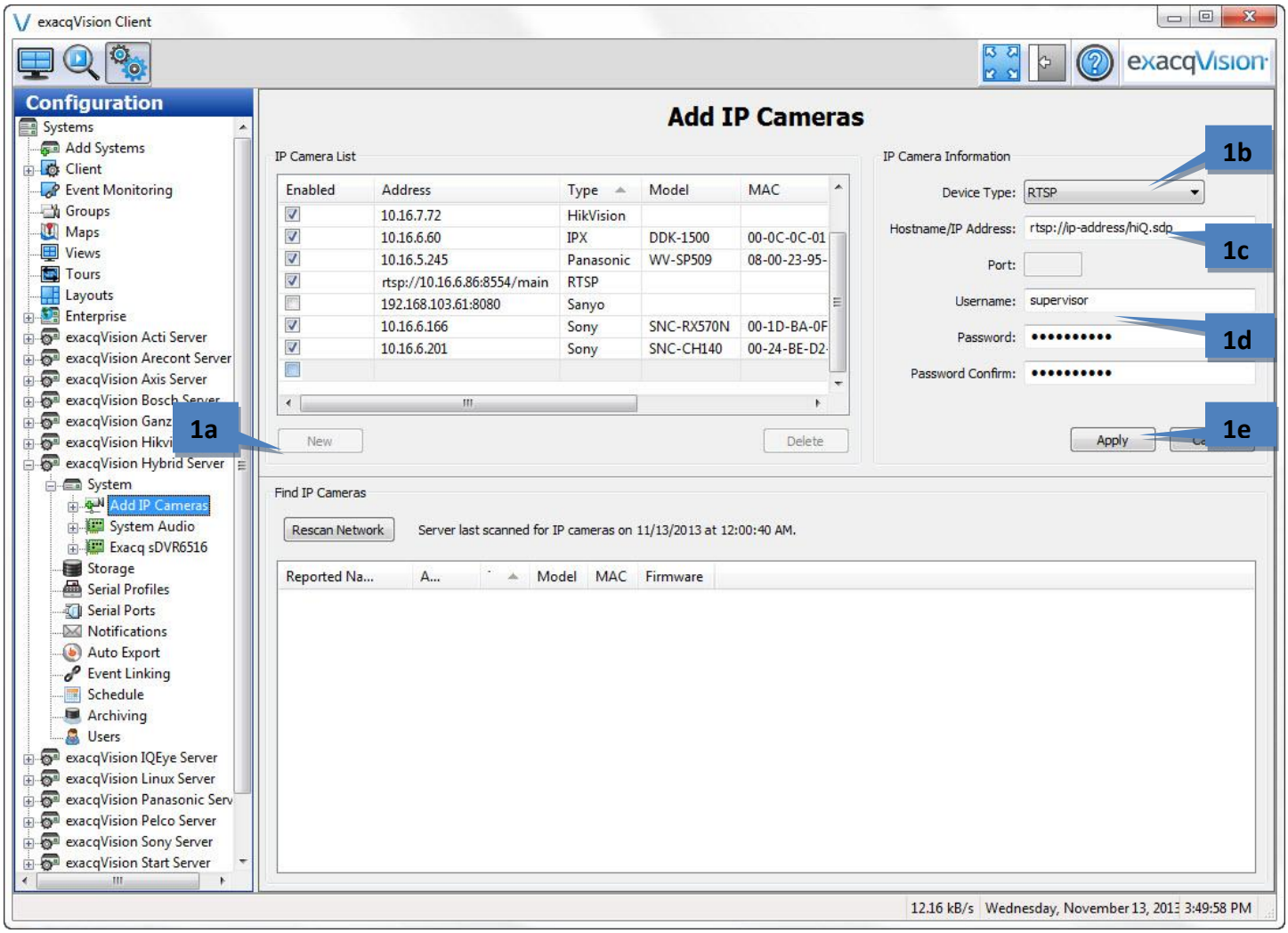
Note: Be sure to remember your rule names. These will be used to filter data coming into the exacqVision server and configure video recording events.

3 Configuring exacqVision

1. Open the IP Cameras page in the exacqVision Client software and complete the following steps:

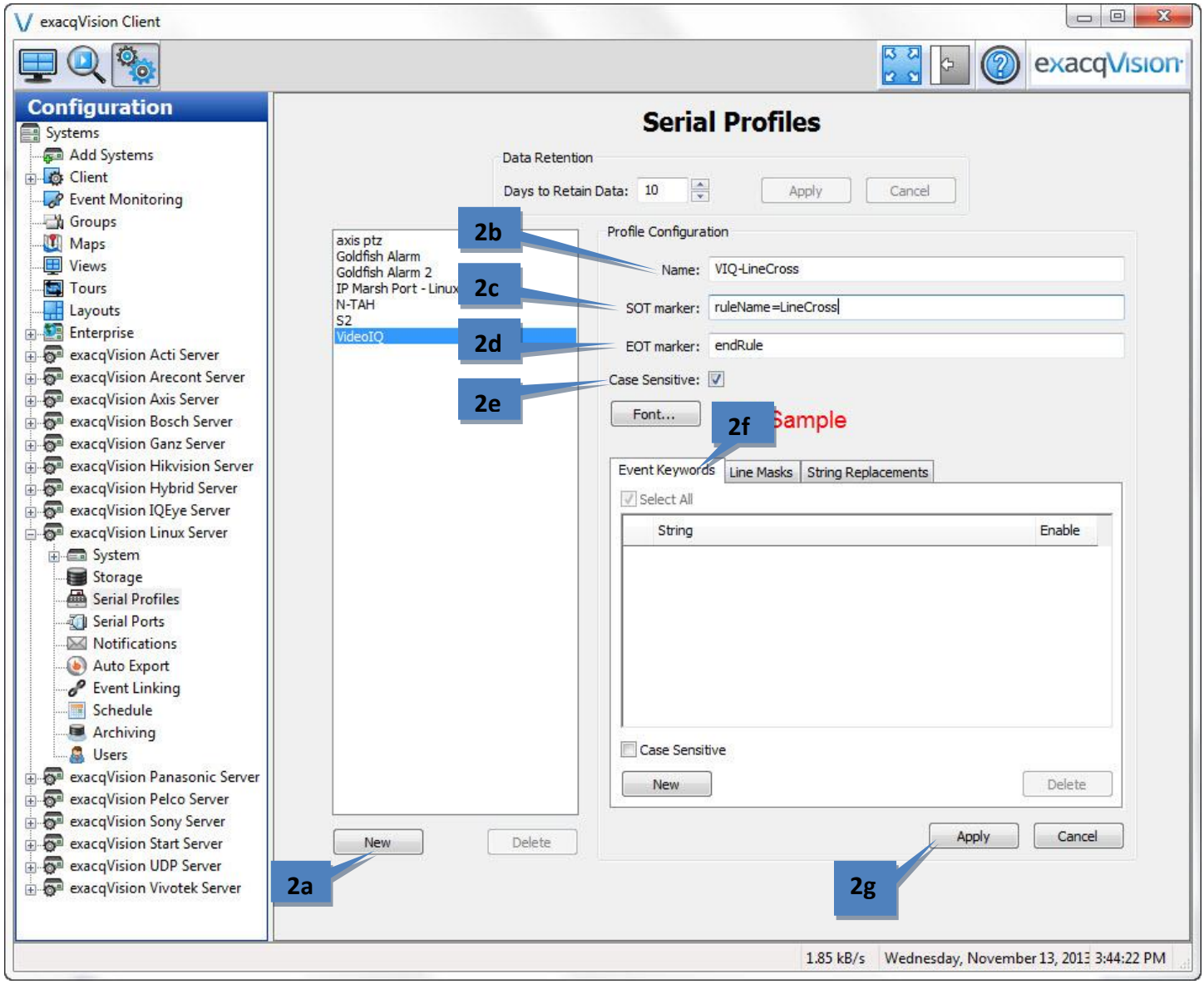
    a. Click **New**.
    b. Select **RTSP** as device type.
    c. Enter **rtsp://ip-address/hiQ.sdp** as the hostname, replacing "ip-address" with the camera's actual IP Address.
    d. Enter the camera's username and password (the defaults are **supervisor/supervisor**).
    e. Click **Apply**.

NOTE: VideoIQ cameras stream video to exacqVision servers using the RTSP protocol. Because RTSP does not include a discovery protocol, it is not possible for the exacqVision software to automatically locate the camera on the network.



2. Open the Serial Profile Setup page in the exacqVision Client software and complete the following steps:

    a. Click **New**.
    b. Enter a descriptive Profile Name, such as “VIQ.” This profile can be used with multiple cameras.
    c. Enter **ruleName=LineCross** as the SOT Marker.
    d. Enter **endRule** as the EOT Marker.
    e. Select the **Case Sensitive** option.
    f. Enter **ruleName=”event-name”** as the Key Word. (This causes exacqVision to recognize specific events.)
    g. Click **Apply**.



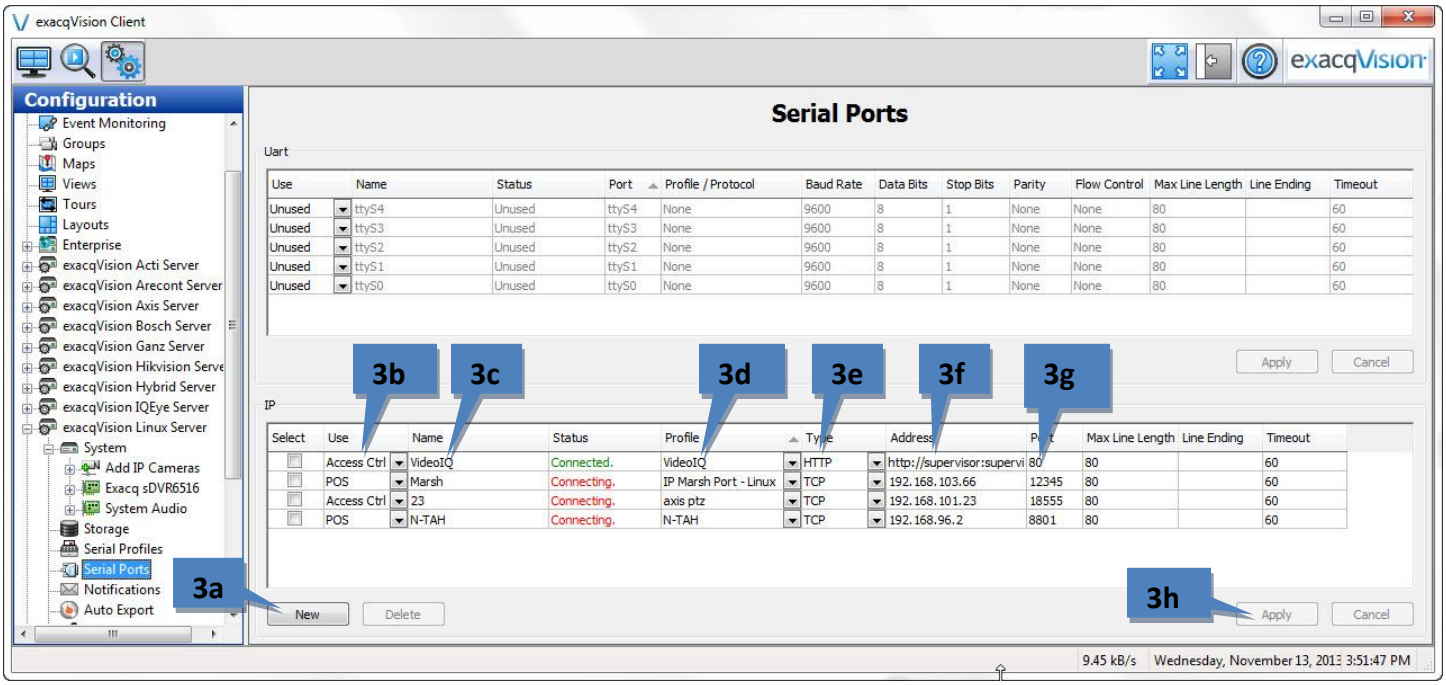
Note: There should be separate profiles for each type of actions so that each event can be captured individually. To capture all events, a single profile can be used with the SOT Marker **ruleName=**. However, you might then want to add a Key Word such as ruleName=LineCross or ruleName=Loitering so that you recording video only for the desired events. Configuring recording events is described later in the document.

3. Open the Serial Port Setup page in the exacqVision Client software and complete the following steps:

   a. Click **New**.

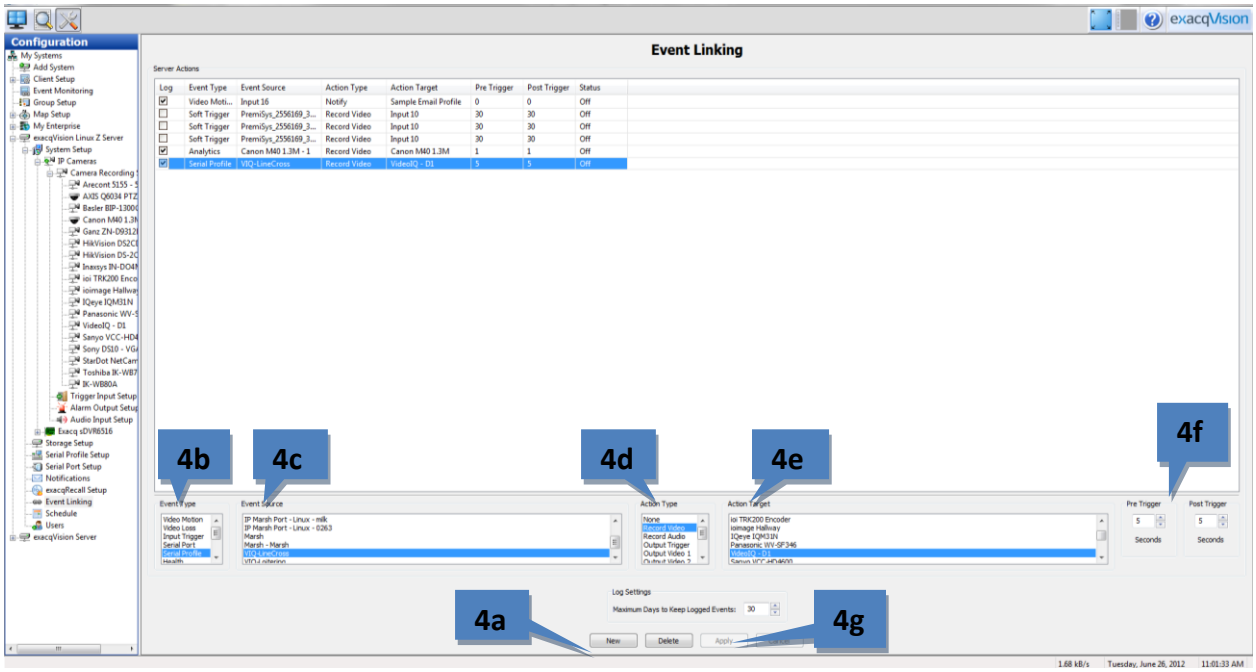
      NOTE: In the following steps, substitute your camera's IP address for "ip-address." Also, all steps should be performed in the IP section (not the Uart section).

   b. In the Use column, select **Access Ctrl**.
   c. In the Name column, enter a descriptive name, such as "VIQ."
   d. In the Profile column, select the profile that you created earlier from the drop-down list. (If you created more than one profile for different events you will need to create a port setup using each profile).
   e. In the Type column, select **http**.
   f. In the Address column, enter **http://supervisor:supervisor@ip-address/notifications**. (If you changed the password to something other than "supervisor," change it as needed in the address.)
   g. In the Port column, enter **80**.
   h. Click **Apply**.
   i. Repeat for each additional VideoIQ camera.



4. Open the Event Linking page in the exacqVision Client software and complete the following steps:

    a. Click **New**.
    b. Select **Serial Profile** as the Event Type.
    c. Select the profile that you created as the Event Source.
    d. Select **Record Video** as the Action Type.
    e. Select the VideoIQ camera as the Action Target.
    f. If desired, select a **Pre Trigger** and **Post Trigger** to record additional video before and after the event.
    g. Click **Apply**.



The exacqVision system will now record video based on the VideoIQ camera-detected events. The following picture shows events as they occur on the image from the camera: