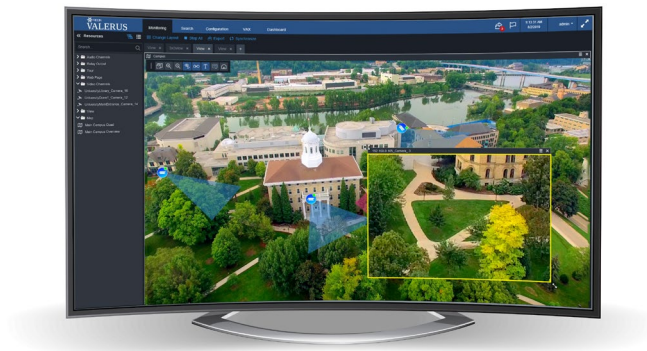


# User Guide



## Valerus-Omnilert® Integration

XX281-70-00



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## General

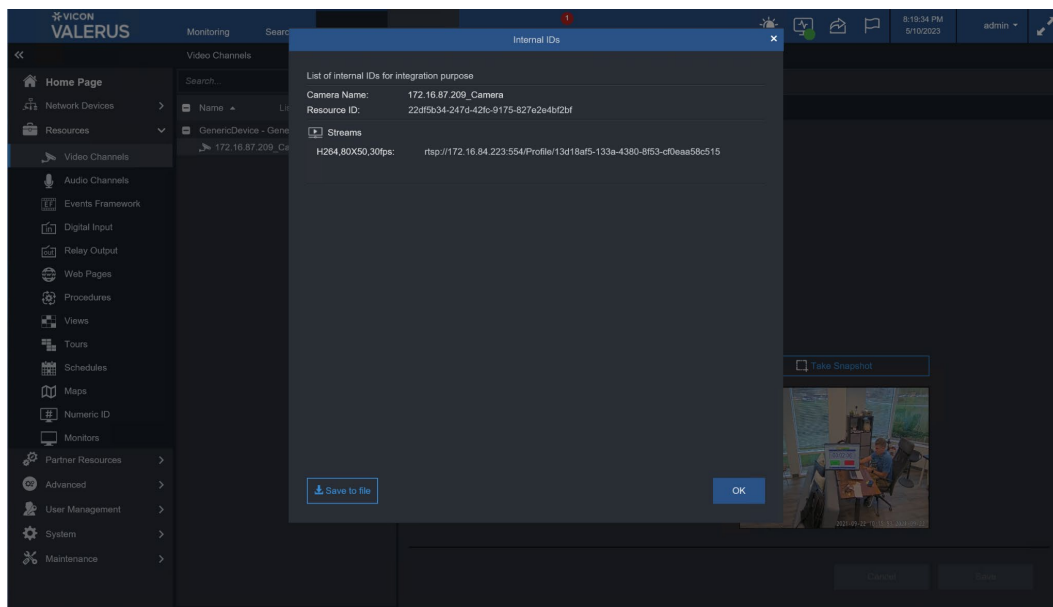
As an enterprise level video management solution, Valerus VMS provides the opportunity to integrate with a variety of integration partners. With our integration partner Omnilert, Valerus users can trigger alerts and alarms from Omnilert's Gun Detect system. This guide assumes the user has a functioning Omnilert Gun Detect system and is familiar with its settings and operations.

## Setting Up Valerus

In order to integrate Omnilert Gun Detect with Valerus VMS, the Vicon camera IDs need to be linked with the camera on the Gun Detect system. Then Valerus users can create external events and alarms.

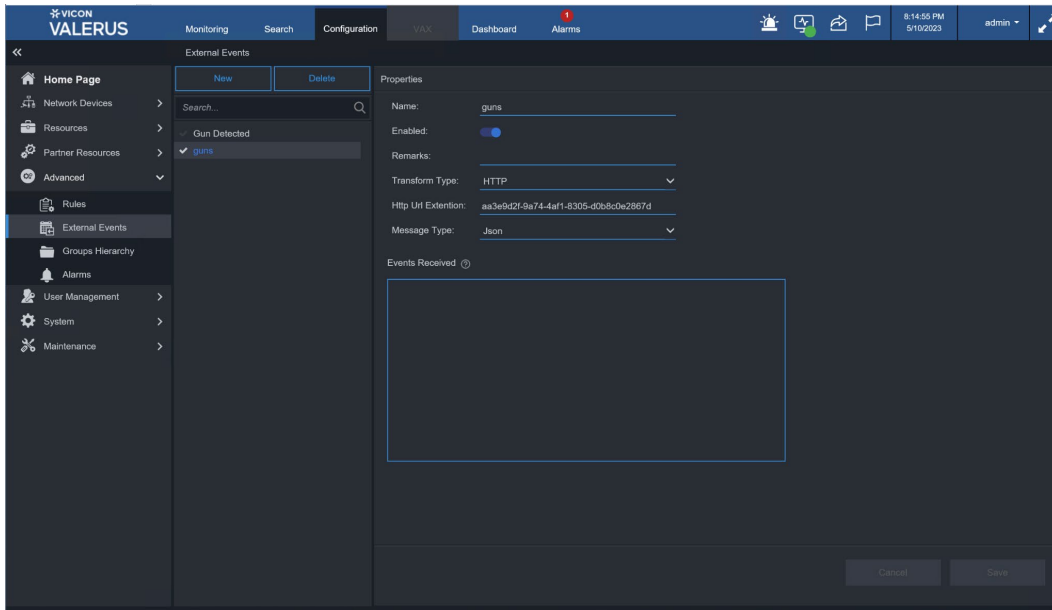
### Getting the Camera IDs

1. In Valerus, navigate to "Resources – Video Channels from the Configuration tab.
2. Select the camera that is being integrated and click "Show ID" to reveal the "Resource ID." Copy the ID into a spreadsheet or other document for use later. Repeat this process for all the cameras that are being integrated with Gun Detect.



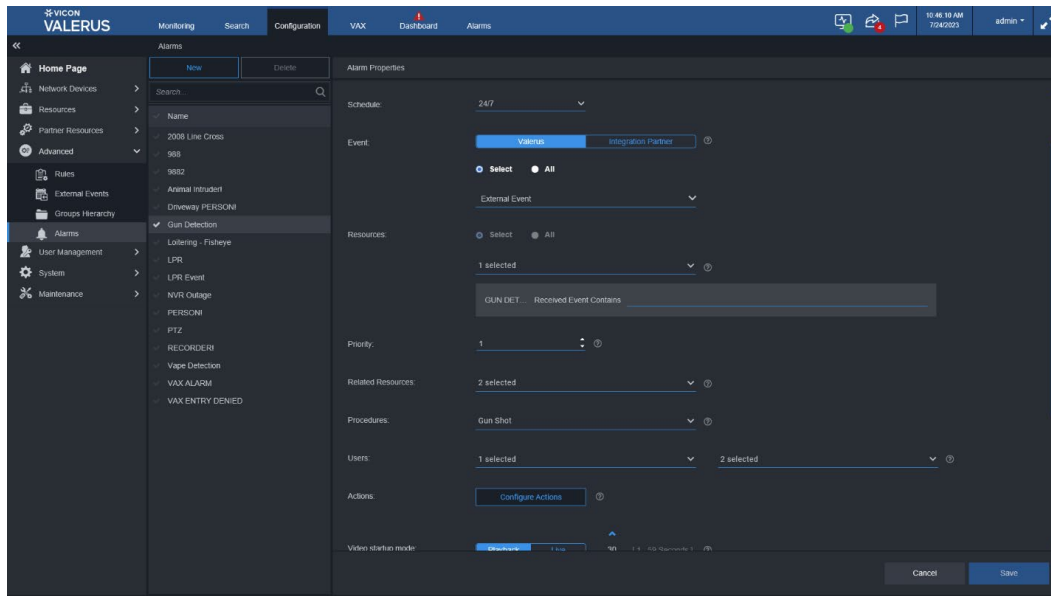
### Creating an External Event

1. While still in the Configuration tab, navigate to Advanced > External Events. Click on "New" and give your event a name. The "Transform Type" should be HTTP and "Message Type" should be set to JSON.
2. Click Save.



### Creating an Alarm

1. While still in the Configuration tab, navigate to Advanced > Alarms. Click “New.”
2. Give the alarm a name.
3. In the “Event” section, set the event to Valeris and check the “Select” radio button.
4. While still in the “Event” section, select “External Event” from the dropdown.
5. In the Resources section, click the “Select” radio button.
6. Select the camera(s) that were previously selected in the “Getting the Camera IDs” section.
7. Select users, actions and other options for the alarm. See the [Alarms Management Guide](#) on Vicon’s website for more details on configuring alarms.
8. When finished, click “Save.”

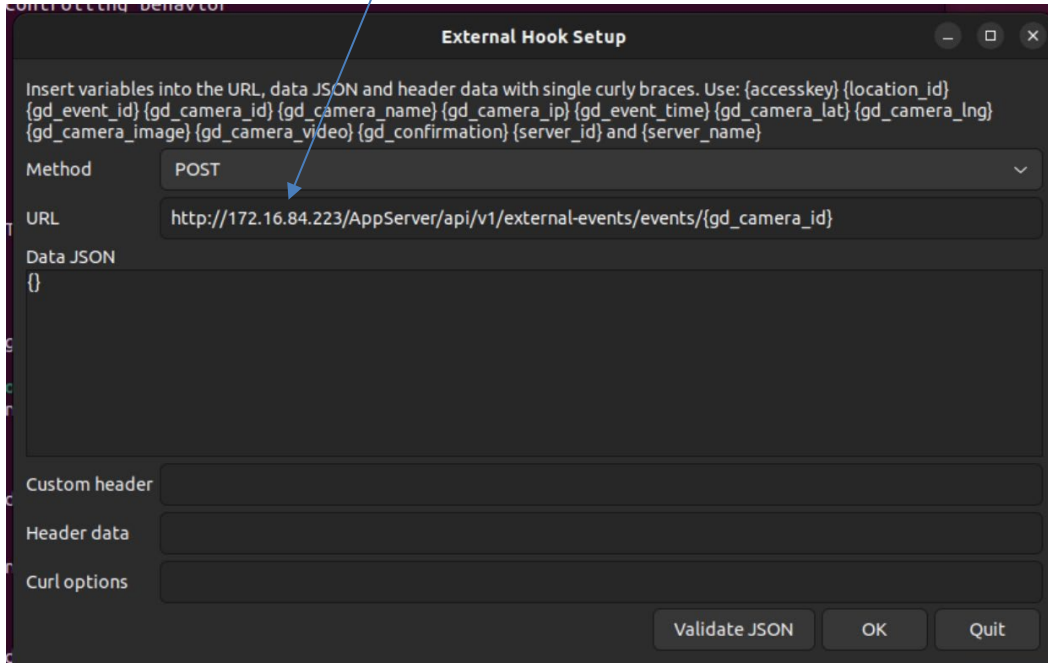


## Setting Up Omnilert Gun Detect

### Configuring the Webhook

From the Omnilert Gun Detect system, an external webhook must be created to send events to Valerus. The IP address of your Valerus server is needed to configure the webhook. Replace the IP address in the webhook setup screen (shown as 169.1.1.1 in the example below) with the IP of your Valerus server.

[http://169.1.1.1/AppServer/api/v1/external-events/events/{gd\\_camera\\_id}](http://169.1.1.1/AppServer/api/v1/external-events/events/{gd_camera_id})

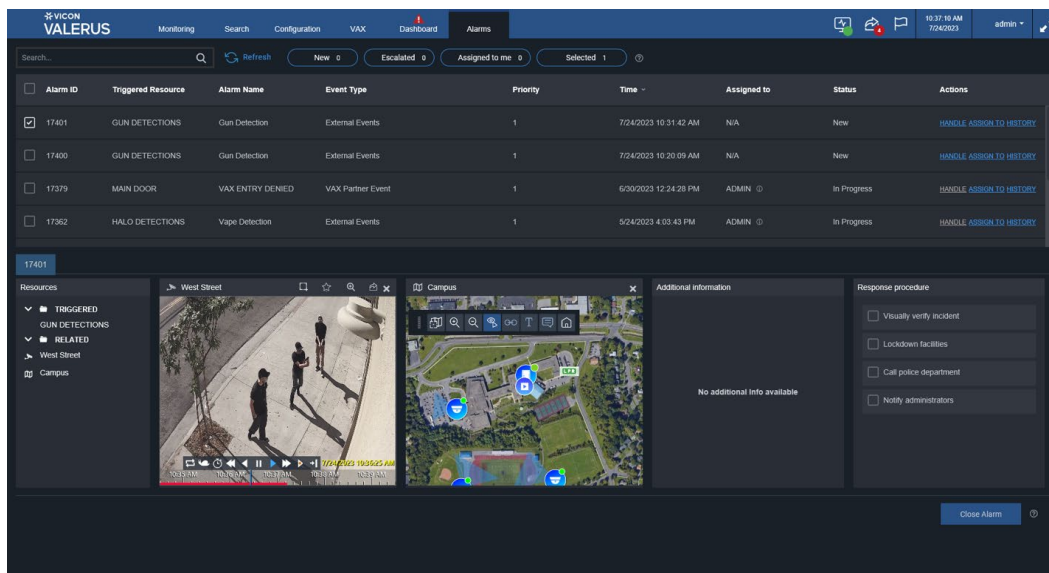


Note that a variable has been added to the end of the URL in the form of {gd\_camera\_id}. This will transform into the Resource ID used in the External Event setup above. But first, the Omnilert Gun Detect server must also be configured with the correct Resource IDs.

### Configuring Gun Detect with Resource IDs

Share the previously saved spreadsheet or document with the camera(s) Resource IDs with Omnilert support. They will import the details into your system.

Once this step is completed, the Omnilert Gun Detect system will fire the webhook(s) and create an External Event with Valerus. This will in turn trigger an alarm within Valerus.





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