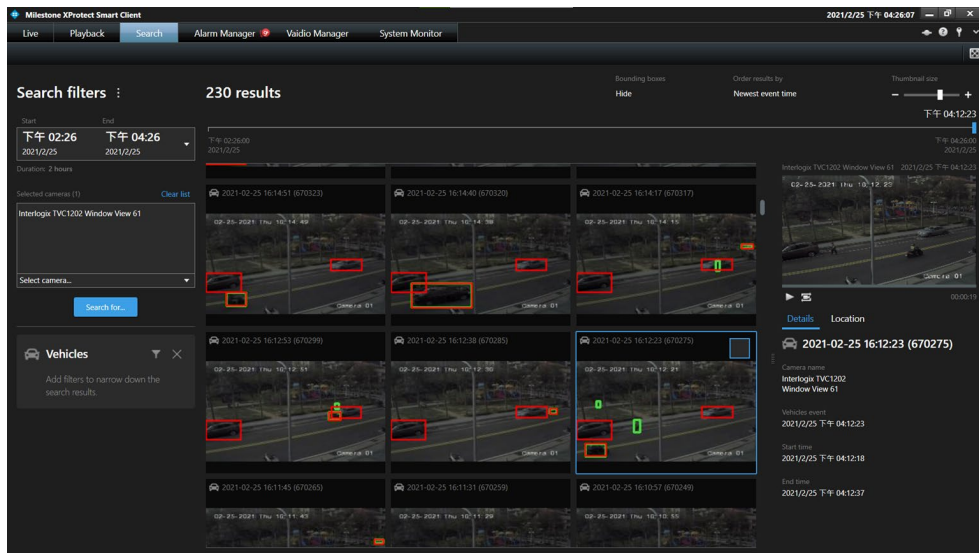


Vaidio Plugins for Milestone

Vaidio Search & Mgmt Plugin

1



Vaidio Alert Porter Plugin



VMS
Client

PLUGINS

VAIDIO™
milestone

VMS
Server

2



Contents

Vaidio Alert Porter Plugin

Click on the button to jump to the section

Preparations

Vaidio Alert Porter
Installation Guide

Vaidio Alert Porter
Manual

Technical support contact support@aicuda.world
Business contact sales@aicuda.world (EMEA) or sales@ironyun.com (Americas and ASIA)

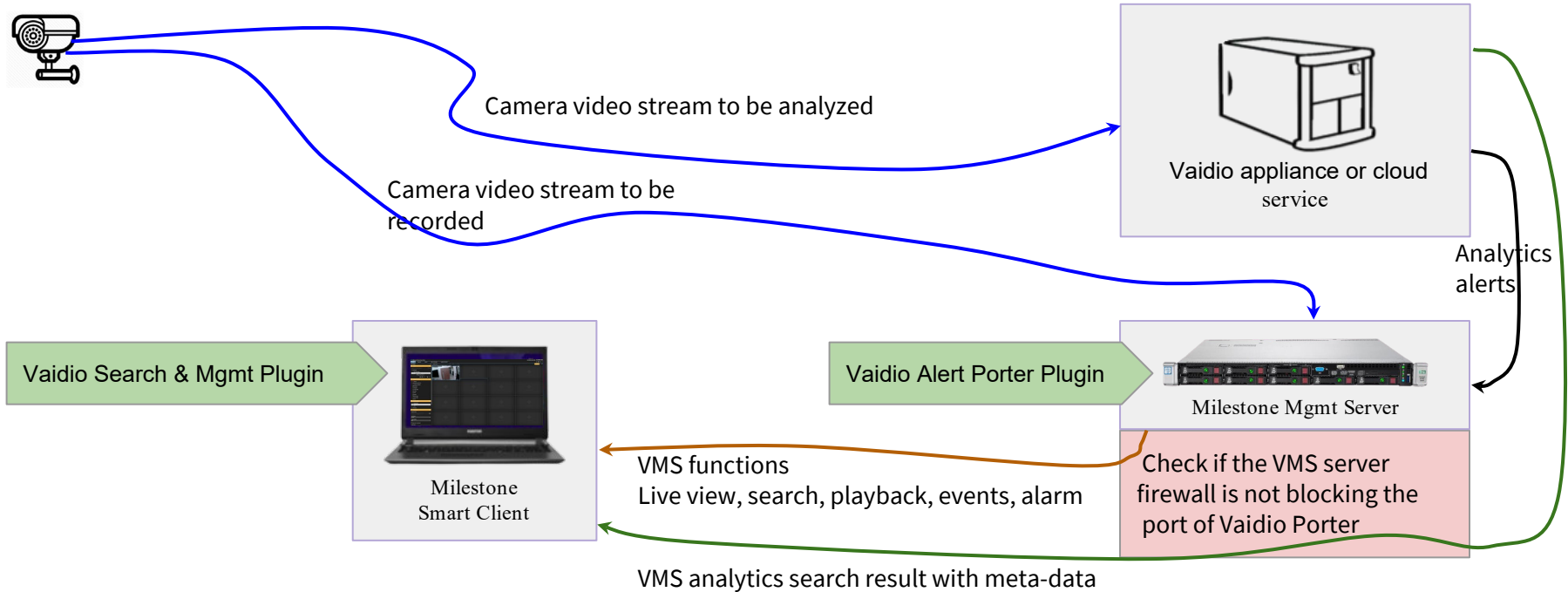
Preparations

Vaidio Alert Porter Plugin

A video analytics plugin server installation to transfer video analytics alerts to Milestone analytics event system to create:

- (1) Milestone analytic alarms
- (2) Milestone analytic bookmarks
- (3) License acquisition and apply

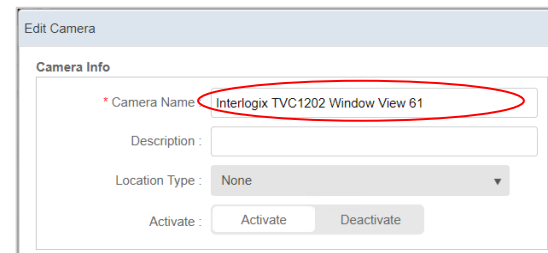
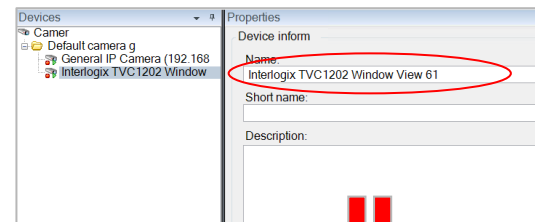
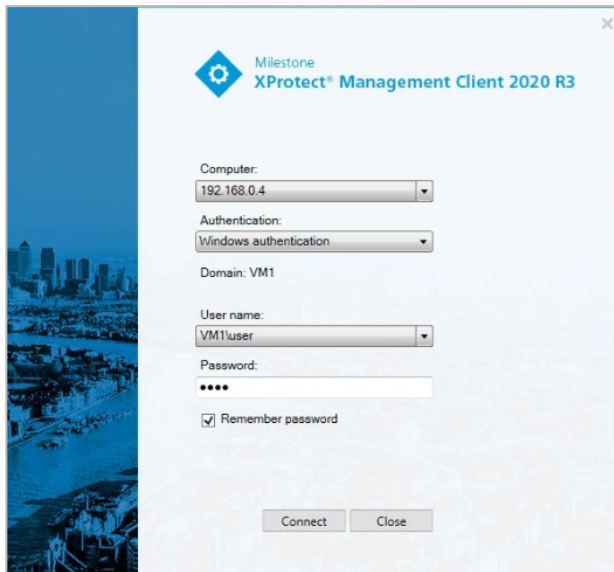
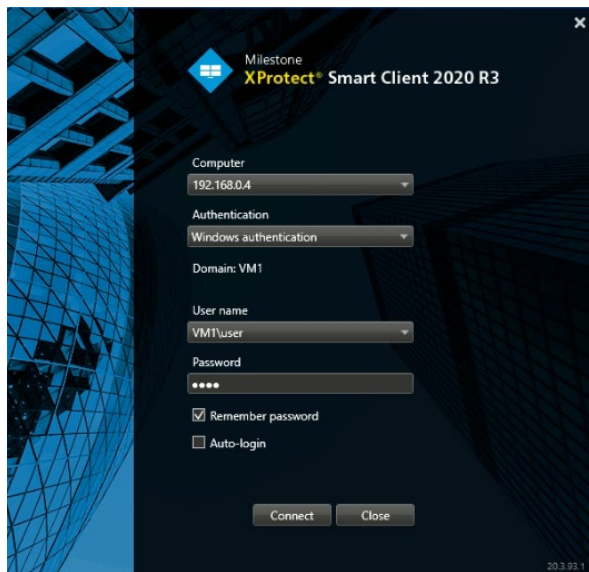
Preparation - Topology, flow and components



To synchronize the system it is required among camera, VMS and Vaidio service to share "a common" NTP time server

Preparation - Milestone VMS & Vaidio

- Install Milestone XPCO & XPE in 2020R3 on x64 Windows 10 platform.
- Standalone or distributed Smart Client 2020R3 is tested with Vaidio v4.2.1.
- Both Vaidio and VMS need to have access to the camera stream.
- It is a must for the Alert Porter that the **camera name is exactly the same** Vaidio and Milestone software.



Installation guide

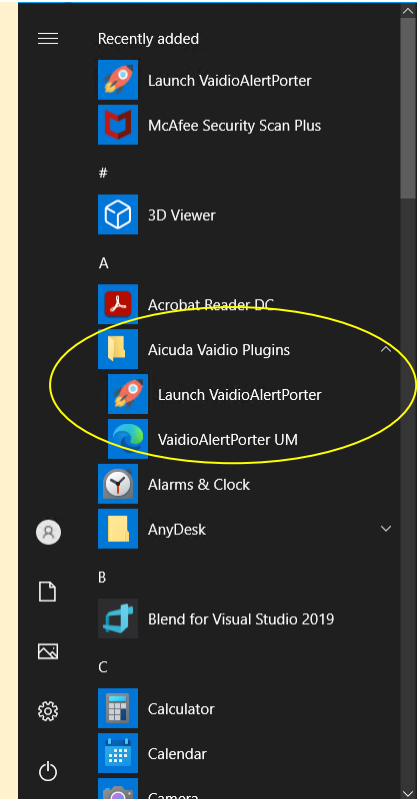
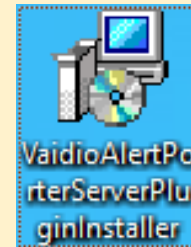
Vaidio Alert Porter Plugin

A video analytics plugin server installation to transfer video analytics alerts to Milestone analytics event system to create:

- (1) Milestone analytic alarms
- (2) Milestone analytic bookmarks

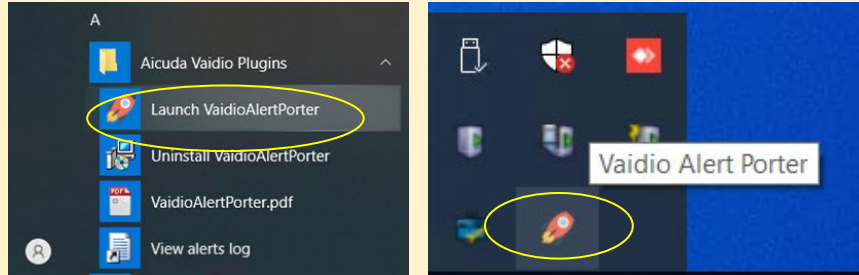
Installation & Verification

1. A base Milestone VMS installation on XPCO or XPE platform in Windows 10 w/ x64.
1. Download the plugin installer from the [download link](#) and copy it in the PC / server where the **management server** is installed.
1. Launch the downloaded installer
“VaidioAlertPorterServerPluginInstaller -x.x.x.x.msi”

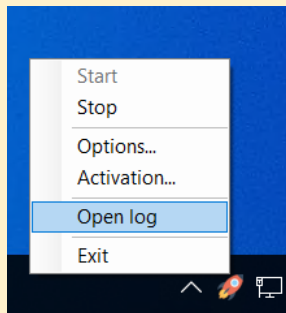


Plugin Verification

1. Launch Vaidio Porter plugin with **administrator privileges** and check the Porter-rocket icon in the taskbar.



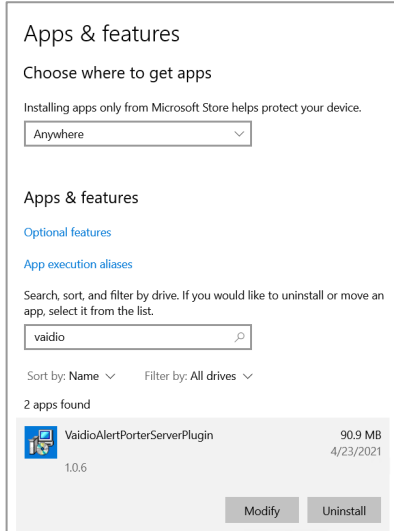
1. Open the Vaidio Porter log file by right-click on the notification icon to check the text description and make sure that the plugin is up & running.



```
[2021-03-03T20:04:55.9471666+08:00][Debug] - Start debug logger  
[2021-03-03T20:04:57.2128987+08:00][Info] - MIPSDK login in localhost  
[2021-03-03T20:04:58.3221499+08:00][Info] - rest server is started
```

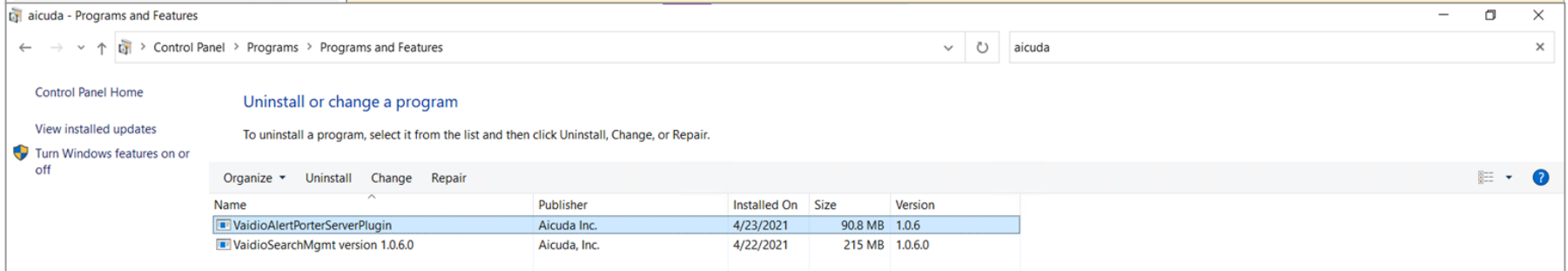

Plugin removal

To uninstall the *VaidioAlertPorterServerPlugin* open the programs in controller panel to remove the plugin. There is no option but remove directly.



The screenshot shows the Windows 'Apps & features' settings page. The search bar contains 'vaidio', and two results are shown. The first result, 'VaidioAlertPorterServerPlugin', is selected, and the 'Uninstall' button is visible.

Name	Publisher	Installed On	Size	Version
VaidioAlertPorterServerPlugin	Aicuda Inc.	4/23/2021	90.8 MB	1.0.6
VaidioSearchMgmt version 1.0.6.0	Aicuda, Inc.	4/22/2021	215 MB	1.0.6.0



The screenshot shows the Windows 'Programs and Features' control panel window. The title bar reads 'aicuda - Programs and Features'. The breadcrumb navigation shows 'Control Panel > Programs > Programs and Features'. The search bar contains 'aicuda'. The main content area shows 'Uninstall or change a program' with instructions: 'To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.' Below this is a table of installed programs.

Name	Publisher	Installed On	Size	Version
VaidioAlertPorterServerPlugin	Aicuda Inc.	4/23/2021	90.8 MB	1.0.6
VaidioSearchMgmt version 1.0.6.0	Aicuda, Inc.	4/22/2021	215 MB	1.0.6.0

Manual

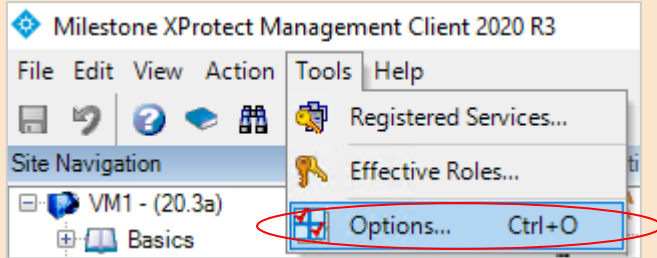
Vaidio Alert Porter Plugin

A video analytics plugin server installation to transfer video analytics alerts to Milestone analytics event system to create:

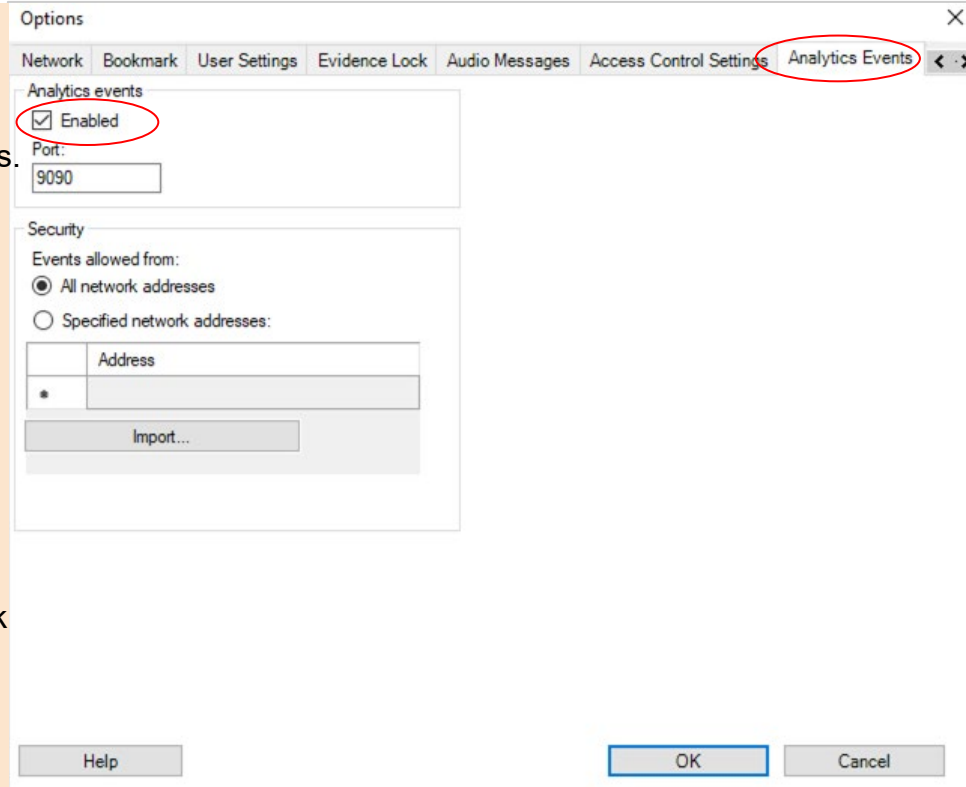
- (1) Milestone analytic alarms
- (2) Milestone analytic bookmarks
- (3) Plugin license activation

Alert Porter - Create Milestone Analytics Alerts

1. Login into the Milestone Management Client to create analytics events for the upcoming mapping to Vaidio alerts.
2. Go to Tools- Options to enable analytics events.



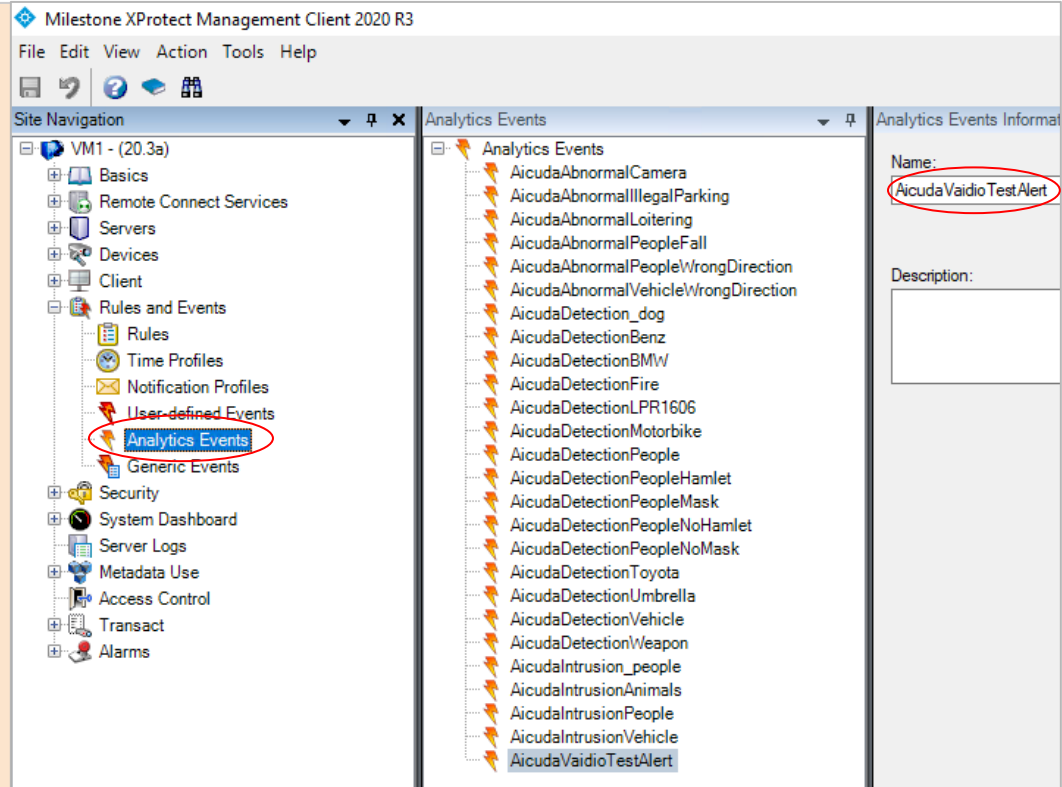
1. The default setting for analytics events is disabled. Make sure that the analytics events feature is enabled. Click “Enabled” in the check box and press the “OK” button.



Alert Porter - Create Milestone Analytics Alerts

1. User creates analytics alerts in the Management Client (see picture)
2. Create an “AicudaVaidioTestAlert” for testing purpose.
3. Create other alerts for mapping different types of analytics events. Define the alert names as specific as possible.
4. Examples of alert names that users can create:
“AicudaDetectionBMW” to receive alerts when a BMW is detected.
“AicudaDetectionAnimals” to receive alerts when an animal is detected.
“AicudaAbnormalCamera” to receive alerts when cameras are moved into an abnormal position.

** Note: alert names need to be unique and without space in between. Underlining is allowed.



The screenshot displays the Milestone XProtect Management Client 2020 R3 interface. The left pane shows the Site Navigation tree with 'Analytics Events' highlighted under 'User-defined Events'. The right pane shows a list of Analytics Events, with 'AicudaVaidioTestAlert' selected. The rightmost pane shows the configuration details for the selected alert, with the 'Name' field containing 'AicudaVaidioTestAlert' and the 'Description' field empty.

Milestone XProtect Management Client 2020 R3

File Edit View Action Tools Help

Site Navigation VM1 - (20.3a)

- Basics
- Remote Connect Services
- Servers
- Devices
- Client
- Rules and Events
 - Rules
 - Time Profiles
 - Notification Profiles
 - User-defined Events
 - Analytics Events**
 - Generic Events
- Security
- System Dashboard
- Server Logs
- Metadata Use
- Access Control
- Transact
- Alarms

Analytics Events

- AicudaAbnormalCamera
- AicudaAbnormalIllegalParking
- AicudaAbnormalLoitering
- AicudaAbnormalPeopleFall
- AicudaAbnormalPeopleWrongDirection
- AicudaAbnormalVehicleWrongDirection
- AicudaDetection_dog
- AicudaDetectionBenz
- AicudaDetectionBMW
- AicudaDetectionFire
- AicudaDetectionLPR1606
- AicudaDetectionMotorbike
- AicudaDetectionPeople
- AicudaDetectionPeopleHamlet
- AicudaDetectionPeopleMask
- AicudaDetectionPeopleNoHamlet
- AicudaDetectionPeopleNoMask
- AicudaDetectionToyota
- AicudaDetectionUmbrella
- AicudaDetectionVehicle
- AicudaDetectionWeapon
- AicudaIntrusion_people
- AicudaIntrusionAnimals
- AicudaIntrusionPeople
- AicudaIntrusionVehicle
- AicudaVaidioTestAlert**

Analytics Events Information

Name: AicudaVaidioTestAlert

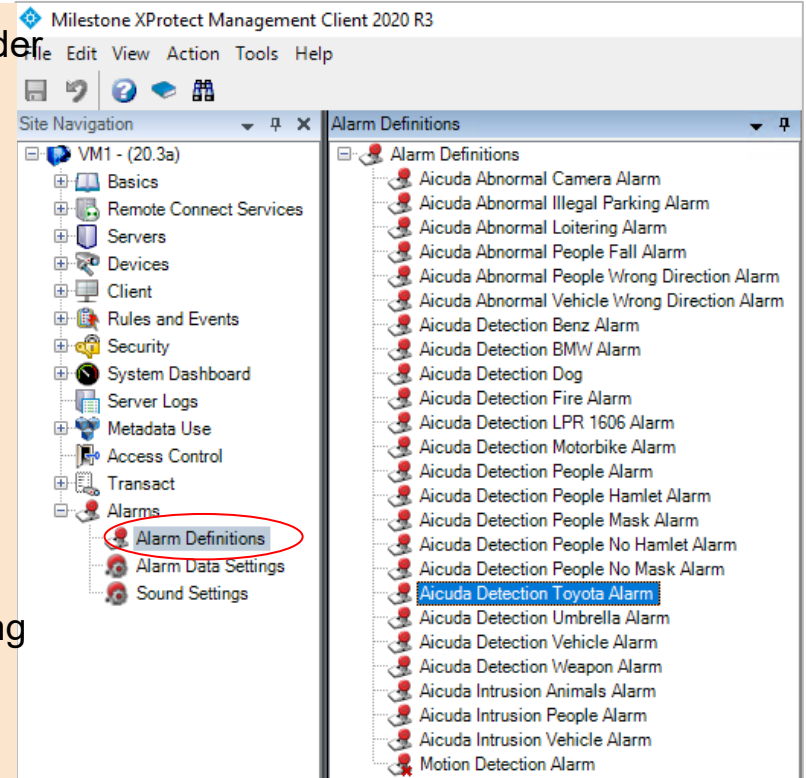
Description:

Alert Porter - Create Milestone Alarms

1. User can trigger alarms from analytics events in order to view active popup alarms in the Smart Client.

Alarms <i>New (filter applied)</i> Clear filter 1-100 >			
Time	ID	Message	
1:00:30 AM 3/4/2021	30938	AicudaDetectionToyota	
1:00:30 AM 3/4/2021	30937	AicudaDetectionToyota	
12:58:26 AM 3/4/2021	30936	AicudaDetectionToyota	
12:58:25 AM 3/4/2021	30935	AicudaDetectionToyota	
12:31:36 AM 3/4/2021	30934	AicudaIntrusion_people	

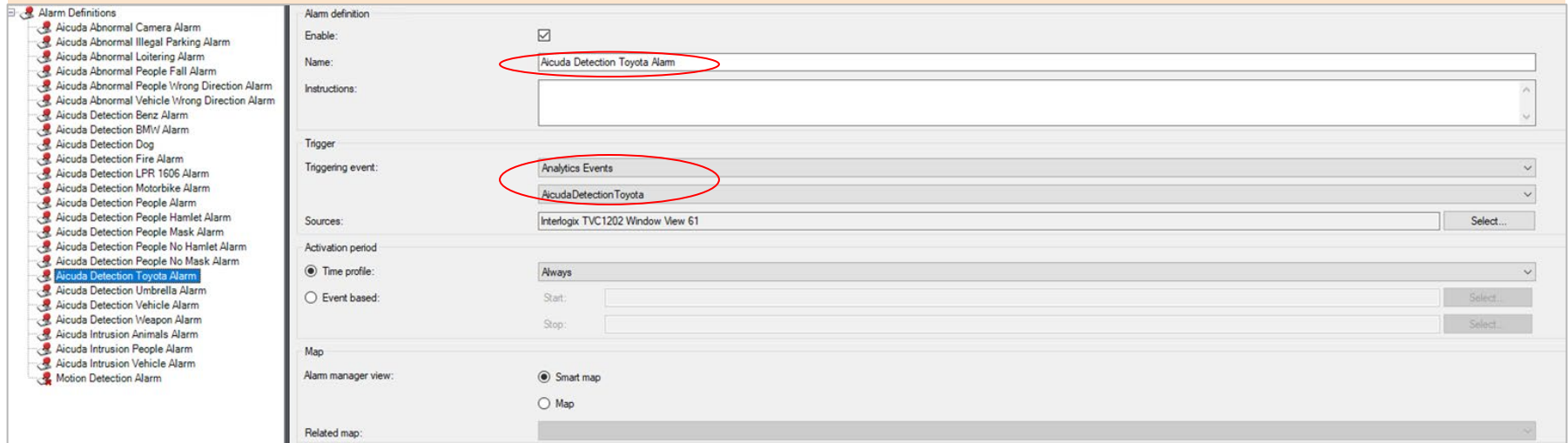
1. Go to the alarm node in the Management Client. Right click on the alarm node to create new mapping alarms.



The screenshot shows the Milestone XProtect Management Client 2020 R3 interface. The 'Alarm Definitions' pane is open, displaying a list of alarm types. The 'Alarm Definitions' node in the Site Navigation tree is highlighted with a red circle. The 'Aicuda Detection Toyota Alarm' entry in the list is highlighted with a blue selection bar.

Alert Porter - Create Milestone Alarms

- Go to the Trigger section → Triggering event and select “Analytics Events” from the drop down field. In the next field set the event that you like to trigger for a corresponding alarm from the drop down field: “AicudaDetectionToyota”.
- Key in a name in the Alarm definition field that is associatable with the name of the created analytics event for mapping. For example: “Aicuda Detection Toyota Alarm”



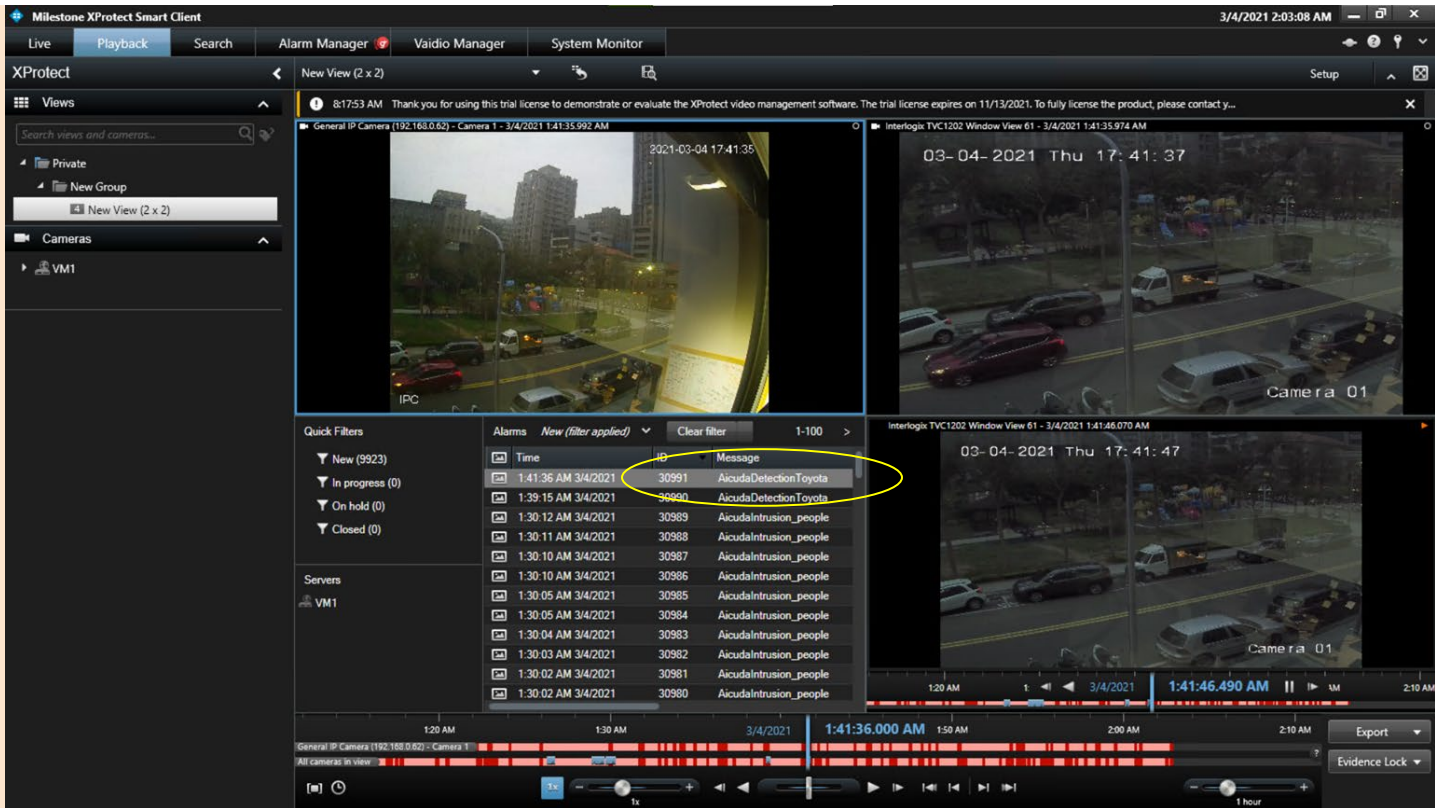
The screenshot displays the 'Alarm Definitions' configuration interface. On the left, a list of alarm types is shown, with 'Aicuda Detection Toyota Alarm' selected. The main configuration area includes the following fields:

- Enable:**
- Name:** Aicuda Detection Toyota Alarm
- Instructions:** (Empty text area)
- Trigger:**
 - Triggering event:** Analytics Events
 - Event:** AicudaDetectionToyota
- Sources:** Interlogic TVC1202 Window View 61
- Activation period:**
 - Time profile:** Always
 - Event based:** (Start and Stop fields are empty)
- Map:** (Empty dropdown)
- Alarm manager view:** Smart map
- Related map:** (Empty dropdown)

Alert Porter - Milestone Alarms

The user can view the created alarms in real time pop-ups via “Live View” or “Alarm Manager”.

For example: show “AicudaDetection Toyota” to view all videos with a Toyota.

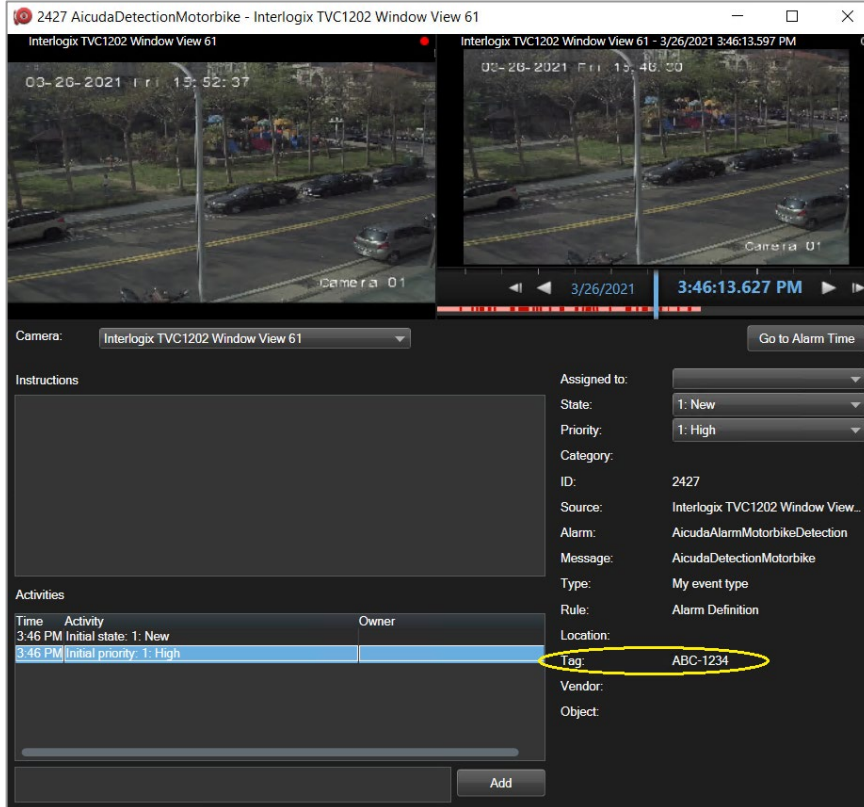


The screenshot displays the Milestone XProtect Smart Client interface. The top navigation bar includes 'Live', 'Playback', 'Search', 'Alarm Manager', 'Vaidio Manager', and 'System Monitor'. The main area is divided into several sections:

- Views:** A sidebar on the left shows a tree view with 'Private', 'New Group', and 'New View (2 x 2)'.
- Cameras:** A sidebar on the left shows 'VM1'.
- Alarms:** A central table lists alarms with columns for 'Time', 'ID', and 'Message'. Two entries are highlighted with a yellow circle:

Time	ID	Message
1:41:36 AM 3/4/2021	30991	AicudaDetectionToyota
1:39:15 AM 3/4/2021	30990	AicudaDetectionToyota
1:30:12 AM 3/4/2021	30989	AicudaIntrusion_people
1:30:11 AM 3/4/2021	30988	AicudaIntrusion_people
1:30:10 AM 3/4/2021	30987	AicudaIntrusion_people
1:30:10 AM 3/4/2021	30986	AicudaIntrusion_people
1:30:05 AM 3/4/2021	30985	AicudaIntrusion_people
1:30:05 AM 3/4/2021	30984	AicudaIntrusion_people
1:30:04 AM 3/4/2021	30983	AicudaIntrusion_people
1:30:03 AM 3/4/2021	30982	AicudaIntrusion_people
1:30:02 AM 3/4/2021	30981	AicudaIntrusion_people
1:30:02 AM 3/4/2021	30980	AicudaIntrusion_people
- Video Playback:** Two video windows are visible. The left window shows a street scene with a timestamp of '2021-03-04 17:41:36'. The right window shows a similar scene with a timestamp of '03-04-2021 Thu 17:41:37'. A bottom timeline shows a playback progress bar with a current time of '1:41:46.490 AM'.

Alert Porter - Milestone Alarms with tag



2427 AicudaDetectionMotorbike - Interlogix TVC1202 Window View 61

Interlogix TVC1202 Window View 61 - 3/26/2021 3:46:13.597 PM

03-26-2021 Fri 13:52:37

03-26-2021 Fri 13:46:30

Camera 01

Camera 01

Camera: Interlogix TVC1202 Window View 61

Go to Alarm Time

Instructions

Assigned to:

State: 1: New

Priority: 1: High

Category:

ID: 2427

Source: Interlogix TVC1202 Window View...

Alarm: AicudaAlarmMotorbikeDetection

Message: AicudaDetectionMotorbike

Type: My event type

Rule: Alarm Definition

Location:

Tag: ABC-1234

Vendor:

Object:

Activities

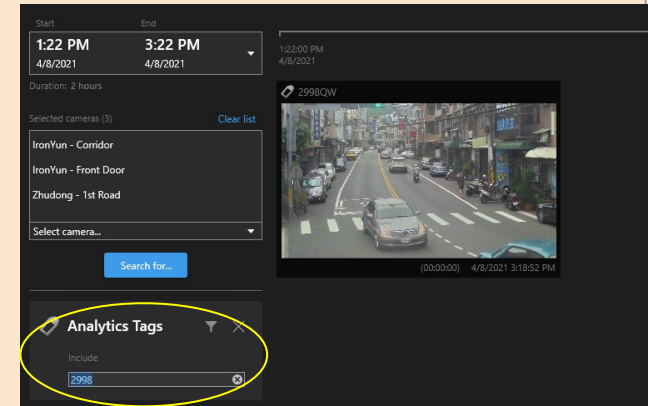
Time	Activity	Owner
3:46 PM	Initial state: 1: New	
3:46 PM	Initial priority: 1: High	

Add

User can add additional information via the tag field. As an example a license plate number with wildcard from Vaidio alert. Examples of delivered alerts to Milestone Alarm:

<http://192.168.0.47:2234/v1/alerts/AicudaDetectionToyota?cn={cameraName}&t={eventTimeStamp}&tag={LicensePlate}>

<http://10.0.0.1:2234/v1/alerts/AicudaDetectionDog?cn={cameraName}&t={eventTimeStamp}&tag=dog>



Start: 1:22 PM 4/8/2021

End: 3:22 PM 4/8/2021

Duration: 2 hours

Selected cameras (3) Clear list

IronYun - Corridor

IronYun - Front Door

Zhudong - 1st Road

Select camera...

Search for...

2998QW

1:22:00 PM 4/8/2021

(00:00:00) 4/8/2021 3:16:52 PM

Analytics Tags

Include: 2998

Alert Porter - Milestone

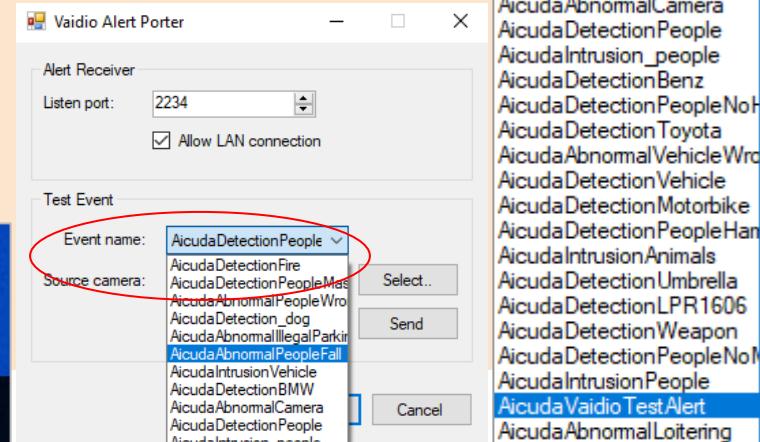
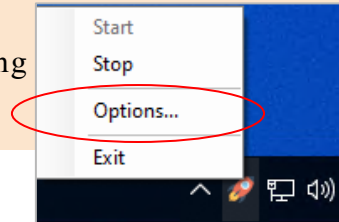
1. Launch “Vaidio Alert Porter” on a PC / Server where Milestone “Management Server” is installed.
2. After launch user checks if the log file indicates that the Milestone Management Server is up and running as shown in the picture below. The Vaidio Porter program receives the alerts from Vaidio and transfers it to the Milestone Management Server.

```
[2021-03-03T20:04:55.9471666+08:00][Debug] - Start debug logger
[2021-03-03T20:04:57.2128987+08:00][Info] - MIPSDK login in localhost
[2021-03-03T20:04:58.3221499+08:00][Info] - rest server is started
```

1. For testing purpose: right click the rocket porter icon and select “Options”

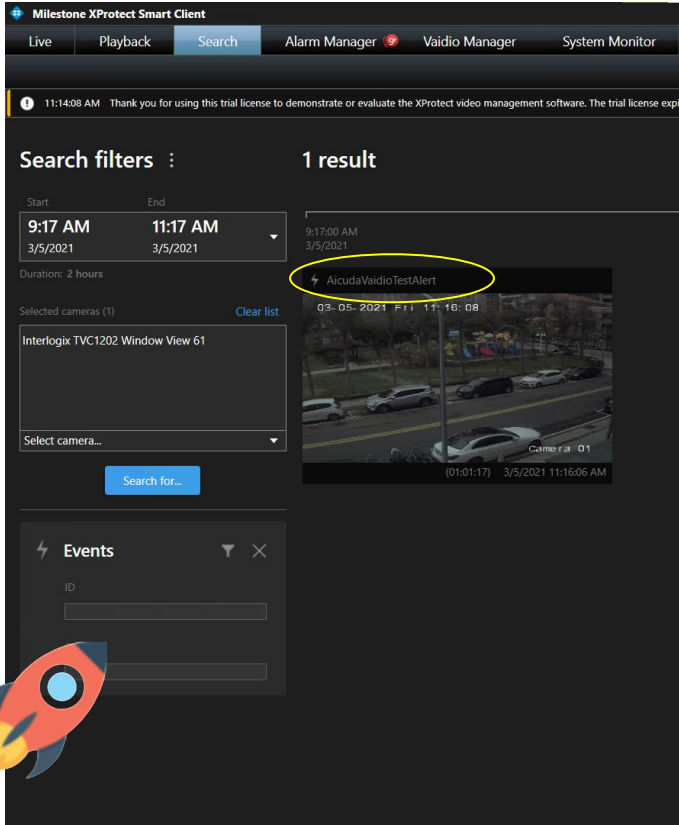
How to check if Vaidio Alert Porter is able to send out analytics events to Milestone? User can open the Alert Porter and go to the section “Event name” and select an event from the analytics events list. The user can press the “Send” button in the Milestone Smart Client and check if the alert is received. In the example on the right the “AicudaVadioTestAlert” is selected for a test.

** Please select a source camera before sending



- AicudaDetectionFire
- AicudaDetectionPeopleMas
- AicudaAbnormalPeopleWro
- AicudaDetection_dog
- AicudaAbnormalIllegalParkir
- AicudaAbnormalPeopleFall
- AicudaIntrusionVehicle
- AicudaDetectionBMW
- AicudaAbnormalCamera
- AicudaDetectionPeople
- AicudaIntrusion_people
- AicudaDetectionBenz
- AicudaDetectionPeopleNoH
- AicudaDetectionToyota
- AicudaAbnormalVehicleWro
- AicudaDetectionVehicle
- AicudaDetectionMotorbike
- AicudaDetectionPeopleHan
- AicudaIntrusionAnimals
- AicudaDetectionUmbrella
- AicudaDetectionLPR1606
- AicudaDetectionWeapon
- AicudaDetectionPeopleNoM
- AicudaIntrusionPeople
- AicudaVadio Test Alert
- AicudaAbnormalLoitering

Alert Porter - Option and Logs



Whenever a user clicks on the “Send” button in the Vaidio Alert Porter, the Porter is going to send an analytic event from the event name that the user selected. Note: the drop down menu with event names are previously created by the user in the Milestone Management Server.

Select the “AicudaVadioTestAlert” and check the Milestone Smart Client. The picture on the left shows the received events.

When Vaidio Alert Porter receives the alert from Vaidio, it examines the http alert format with `/v1/alerts/{AnalyticEventName}`.

The red circle in the picture below is a verification that the alerts have been received.

```
[2021-03-05T11:16:16.6464160+08:00][Debug] - Send test message 'AicudaVadioTestAlert'  
[2021-03-05T11:35:22.0416227+08:00][Debug] - /v1/alerts/AicudaDetectionToyota?cn=Interlogix%20TV  
[2021-03-05T11:35:22.0503574+08:00][Debug] - Send message 'AicudaDetectionToyota'  
[2021-03-05T12:15:04.2545934+08:00][Debug] - /v1/alerts/AicudaIntrusion_people?cn=Interlogix%20TV  
[2021-03-05T12:15:04.2556165+08:00][Debug] - Send message 'AicudaIntrusion people'  
[2021-03-05T12:15:05.2387929+08:00][Debug] - /v1/alerts/AicudaIntrusion_people?cn=Interlogix%20TV  
[2021-03-05T12:15:05.2399227+08:00][Debug] - Send message 'AicudaIntrusion people'
```



Alert Porter - Vaidio

Dashboard History **Alert Rule**

Alert Name Camera Name Q Search

+ Add Alert « 1 » Show 50

milestone_benz_detection_alert	Video Search	All Vehicle(Make=Mercedes-Benz)>0	Forever	Interlogix TVC1202 Window View 61	HTTP	<input checked="" type="checkbox"/>		
milestone_bmw_detection_alert	Video Search	All Vehicle(Make=BMW)>0	Forever	Interlogix TVC1202 Window View 61	HTTP	<input checked="" type="checkbox"/>		
milestone_camera_abnormal_alert	Camera Abnormal	Disconnected, Camera Resolution Change, Blur/Blockage/Reposition	Forever	Interlogix TVC1202 Window View 61	HTTP	<input checked="" type="checkbox"/>		
milestone_fire_detection_alert_NO...	Video Search	Racket>0	Forever	Interlogix TVC1202 Window View 61	HTTP	<input type="checkbox"/>		
milestone_hamlet_detection_alert	Video Search	Person(Helmet=yes)>0	Forever	Interlogix TVC1202 Window View 61	HTTP	<input checked="" type="checkbox"/>		
milestone_lpr1606_detection_alert...	Video Search	All Vehicle(Make=Peugeot,Model=2008)>0	Forever	Interlogix TVC1202 Window View 61	HTTP	<input type="checkbox"/>		
milestone_motorbike_detection_alert	Video Search	Motorcycle>0	Forever	Interlogix TVC1202 Window View 61	HTTP	<input type="checkbox"/>		
milestone_people_detection_alert	Video Search	Person>0	Forever	Interlogix TVC1202 Window View 61	HTTP	<input type="checkbox"/>		
milestone_people_intrusion_alert	Intrusion	grass ground - Interlogix TVC1202 Window View 61	Forever	Interlogix TVC1202 Window View 61	HTTP	<input checked="" type="checkbox"/>		
milestone_people_mask_detection...	Video Search	Person(Mask=yes)>0	Forever	Interlogix TVC1202 Window View 61	HTTP	<input checked="" type="checkbox"/>		



Alert Porter - Vaidio

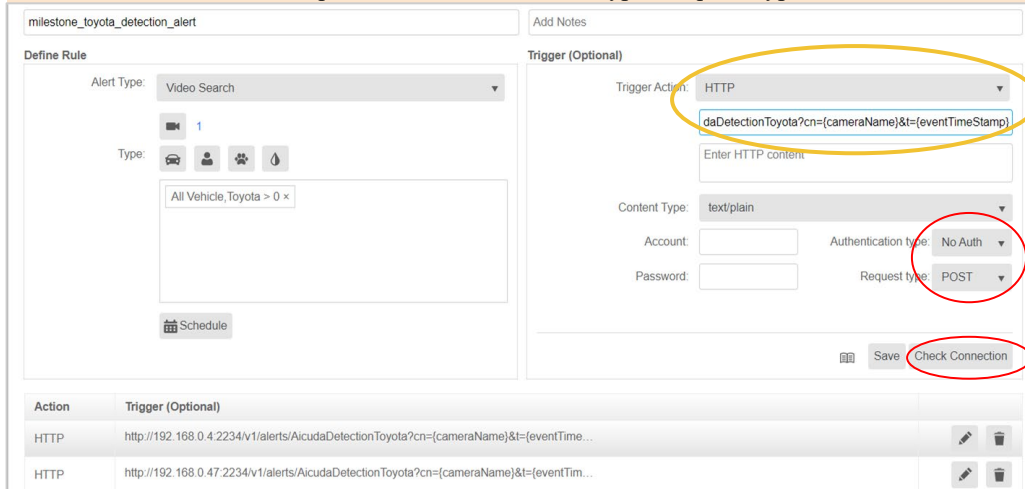
Examples of alerts that are delivered to Milestone:

<http://192.168.0.47:2234/v1/alerts/AicudaDetectionToyota?cn={cameraName}&t={eventTimeStamp}>
<http://10.0.0.1:2234/v1/alerts/AicudaDetectionDog?cn={cameraName}&t={eventTimeStamp}>

- 192.168.0.47/10.0.0.1 is the IP of Vaidio Alert Porter (identical to IP Milestone Management Server).
- 2234 default port number of Vaidio Alert Porter.
- The analytics alert is linked to the created Milestone analytic events in the Management Client.
 - Analytic Events of “[AicudaDetectionDog](#)”
 - Analytic Events of “[AicudaDetectionToyota](#)”

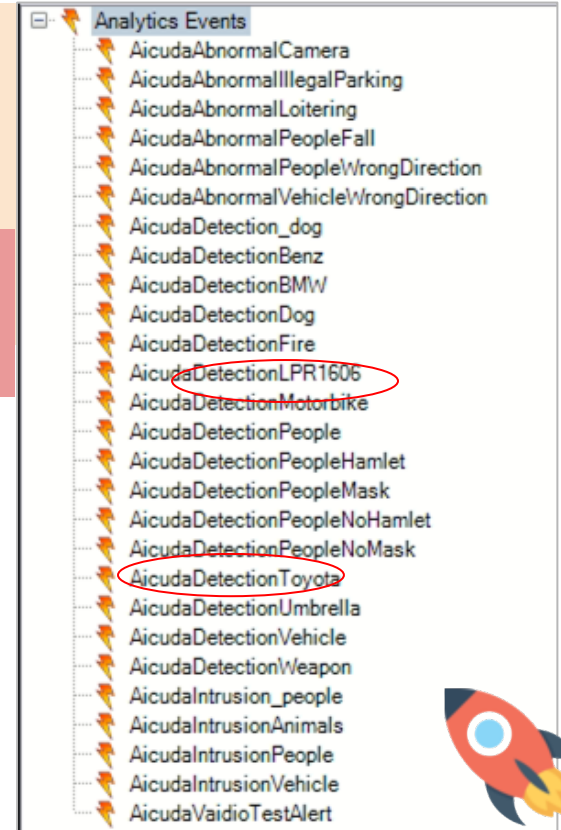
** NO “check connection” required. User can just check the log of Vaidio Alert Porter.
 ** NO Authentication required for authentication type. Request type, select “POST”

Configure or disable the Firewall to select port 2234



The screenshot shows the configuration for an alert rule named 'milestone_toyota_detection_alert'. The 'Define Rule' section is set to 'Video Search' with a count of 1. The 'Type' is set to 'All Vehicle, Toyota > 0 x'. The 'Trigger (Optional)' section is configured with 'Trigger Action: HTTP', 'Content Type: text/plain', 'Request type: POST', and 'Authentication type: No Auth'. The URL for the trigger is 'daDetectionToyota?cn={cameraName}&t={eventTimeStamp}'. A 'Check Connection' button is visible at the bottom right of the configuration area.

Action	Trigger (Optional)
HTTP	http://192.168.0.4:2234/v1/alerts/AicudaDetectionToyota?cn={cameraName}&t={eventTime...
HTTP	http://192.168.0.47:2234/v1/alerts/AicudaDetectionToyota?cn={cameraName}&t={eventTim...

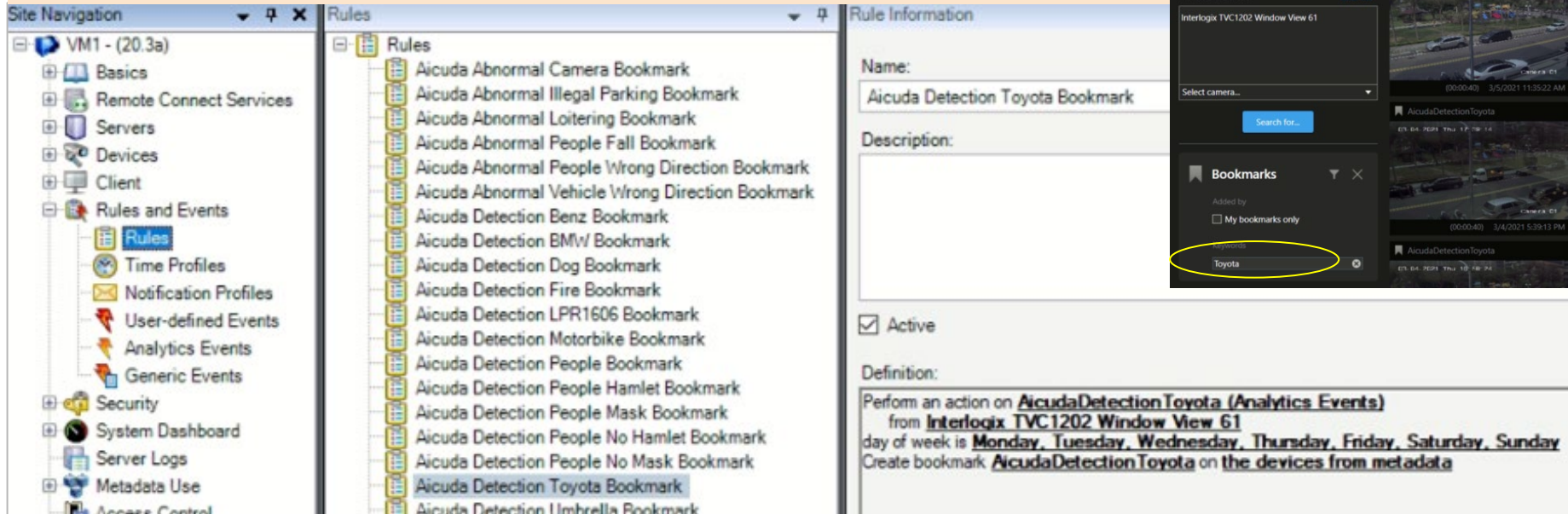


The screenshot shows a list of 'Analytics Events' in the Milestone Management Client. The list includes various event types such as 'AicudaAbnormalCamera', 'AicudaAbnormalIllegalParking', 'AicudaAbnormalLoitering', 'AicudaAbnormalPeopleFall', 'AicudaAbnormalPeopleWrongDirection', 'AicudaAbnormalVehicleWrongDirection', 'AicudaDetection_dog', 'AicudaDetectionBenz', 'AicudaDetectionBMW', 'AicudaDetectionDog', 'AicudaDetectionFire', 'AicudaDetectionLPR1606', 'AicudaDetectionMotorbike', 'AicudaDetectionPeople', 'AicudaDetectionPeopleHamlet', 'AicudaDetectionPeopleMask', 'AicudaDetectionPeopleNoHamlet', 'AicudaDetectionPeopleNoMask', 'AicudaDetectionToyota', 'AicudaDetectionUmbrella', 'AicudaDetectionVehicle', 'AicudaDetectionWeapon', 'AicudaIntrusion_people', 'AicudaIntrusionAnimals', 'AicudaIntrusionPeople', 'AicudaIntrusionVehicle', and 'AicudaVaidioTestAlert'. The event 'AicudaDetectionToyota' is circled in red.



Alert Porter - Create Bookmarks

1. Classify the detection alerts from Search via Bookmarks. Picture in the right shows specific keyword bookmark: "Toyota".
2. When a user receives analytics events from Vaidio Alert Porter he can setup rules to create bookmarks.



The screenshot displays the Aicuda Alert Porter interface, divided into three main sections:

- Site Navigation:** A tree view on the left showing the system hierarchy, including VM1 - (20.3a), Basics, Remote Connect Services, Servers, Devices, Client, Rules and Events (with Rules selected), Time Profiles, Notification Profiles, User-defined Events, Analytics Events, Generic Events, Security, System Dashboard, Server Logs, and Metadata Use.
- Rules:** A list of rules in the center, including various Aicuda detection rules. The rule "Aicuda Detection Toyota Bookmark" is highlighted at the bottom of the list.
- Rule Information:** A panel on the right showing the configuration for the selected rule. The Name is "Aicuda Detection Toyota Bookmark". The Description field is empty. The rule is marked as "Active". The Definition section states: "Perform an action on **AicudaDetectionToyota (Analytics Events)** from **Interlogix TVC1202 Window View 61** day of week is **Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday** Create bookmark **AicudaDetectionToyota** on the devices from metadata".

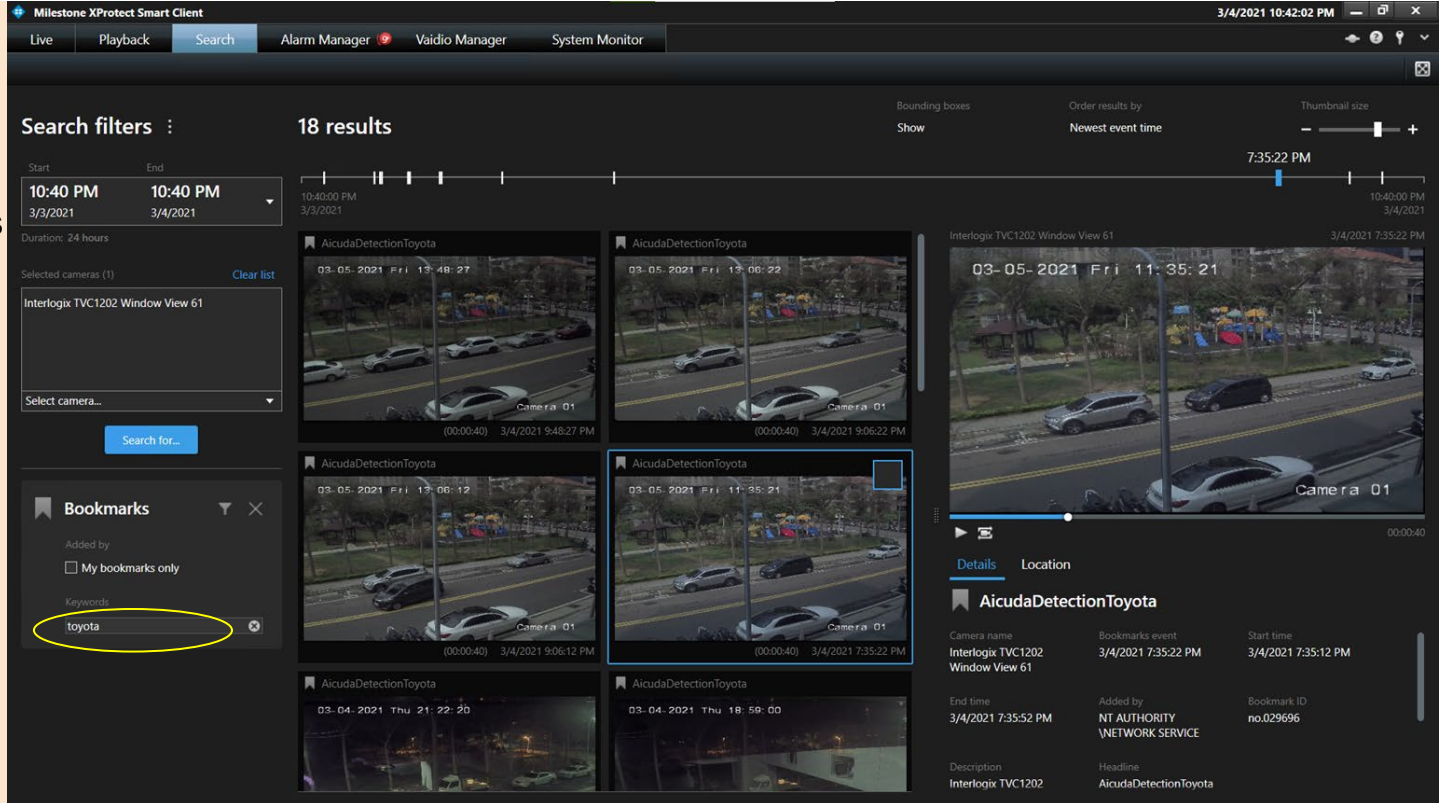
On the right side of the interface, there is a search results panel showing "Search filters" and "185 results". The search filters include a date range from 12:00 AM on 2/26/2021 to 1:03 PM on 3/5/2021, a duration of 7 days 13 hours 3 minutes, and a list of selected cameras including "Interlogix TVC1202 Window View 61". A "Bookmarks" panel is overlaid on the search results, showing a list of keywords with "Toyota" highlighted by a yellow circle.

Bookmarks Classification

Click the “Search” tab in the Milestone Smart Client.

Select the keywords for the event search and all classified events will pop up.

In the example on the right all Toyota cars are popping up.



The screenshot shows the Milestone XProtect Smart Client interface. The 'Search' tab is active, displaying 18 results for the keyword 'toyota'. The search filters include a time range from 10:40 PM on 3/3/2021 to 10:40 PM on 3/4/2021, a duration of 24 hours, and the selected camera 'Interlogix TVC1202 Window View 61'. The search results are displayed in a grid of video thumbnails, each showing a white Toyota car on a street. The 'Bookmarks' section on the left shows the keyword 'toyota' circled in yellow. The right side of the interface shows a detailed view of a specific event, including the camera name 'Interlogix TVC1202 Window View 61', the event time '3/4/2021 7:35:22 PM', and the bookmark ID 'no.029696'.

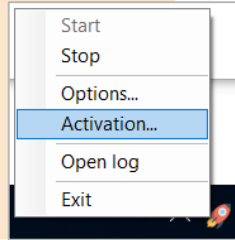
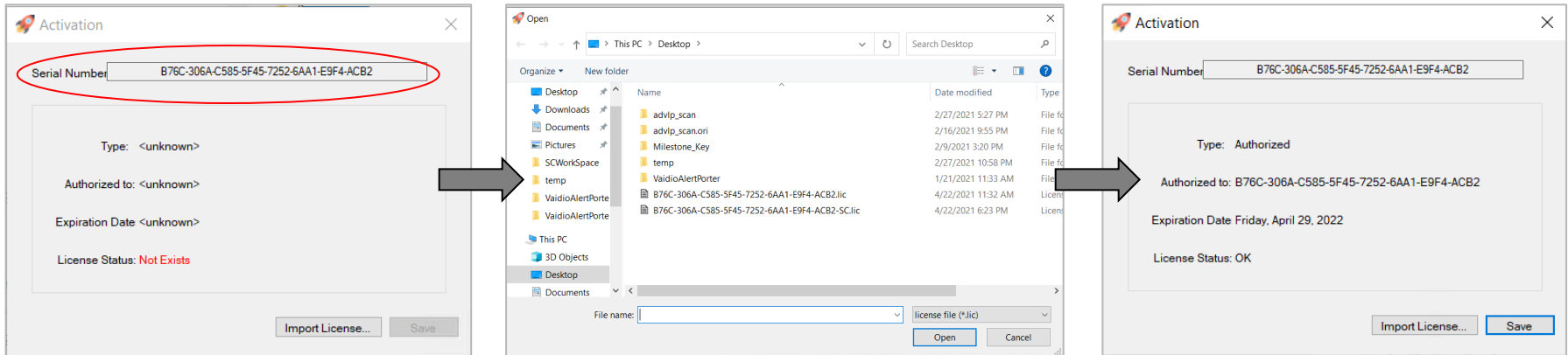
License - AlertPorter

3 levels of licenses

- **Free / Limited:** limited functions after installation, no expiration date. Only 5 alerts for one hour a day.
- **Trial:** 30 days full trial license after installation, available via sales@aicuda.world or sales@ironyun.com. The trial license gives the customer the possibility to evaluate the Milestone plugin for a limited period of time.
- **Paid:** full functions for an unlimited period of time.

License Status OK / Expired / Not Match / InValid / Not Match Product (Plugin product mismatch)

** Select "Activation" to open the license dialog from the "Import License" tab. Copy the serial number information and send to sales@aicuda.world or sales@ironyun.com to apply for the license. After receiving the license file the user can open the same dialog window to activate the license.

The process is shown in three stages:

- Initial State:** The "Activation" dialog box is open. The "Serial Number" field contains the value `B76C-306A-C585-5F45-7252-6AA1-E9F4-ACB2`. The "License Status" is **Not Exists**.
- File Selection:** The user navigates to the Desktop folder in a file explorer. Two license files are visible: `B76C-306A-C585-5F45-7252-6AA1-E9F4-ACB2.lic` and `B76C-306A-C585-5F45-7252-6AA1-E9F4-ACB2-SC.lic`.
- Final State:** After selecting a license file, the "Activation" dialog box updates. The "Type" is now **Authorized**, the "Authorized to" field matches the serial number, and the "Expiration Date" is **Friday, April 29, 2022**. The "License Status" is now **OK**.

Note:

1. Please close the Alert Porter service manually in tray notification before removing or upgrading a license.
2. The Alert Porter is installed on the server and works with Milestone XPCO, XPE and XPP+.
3. The system time among entities (VMS Server, VMS Client, Vaidio and Cameras) needs to be consistent with the same NTP source.