

Integration Manual

viisights WISE with Milestone XProtect VMS

Revision 1.1 August 4th, 2019



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1 INTRODUCTION

This document describes the integration between viisights WISE with XProtect Video Management Systems (VMS) from Milestone, to provide operators with immediate alerts over potential safety and security incidents.

In this document, information is provided for integrating Milestone's XProtect Corporate VMS 2018.

Integration outcome:

- Triggering "Analytic Events" events when viisights WISE generates an alarm.
- Triggering an "Alarm Definition" on Milestone XProtect when an Analytic Event is received.
- A bookmark is inserted in the corresponding video sequence.
- Live metadata generated by viisights WISE on top of the corresponding video stream in Milestone XProtect Smart Client (a bounding box on an object).
- Metadata generated by viisights WISE is recorded with the corresponding video stream and displayed together when playing the video sequence in Alarm Manager view.



2 SYSTEM ARCHITECTURE AND PREREQUISITES

2.1 ARCHITECTURE



2.2 PREREQUISITES

The integration pack has the following prerequisites:

- Milestone XProtect Corporate 2018 or a later version
- viisights WISE system running on a dedicated server

2.3 WHAT THIS DOCUMENT COVERS

This document will cover the following:

- Step-by-step installation of Milestone ONVIF Bridge
- Step-by-step installation of ONVIF Device Manager (Open source application)
- Configuration of events and alarms on Milestone XProtect
- Installation of the video overlay plugin to Milestone XProtect Smart Client
- Configuration of "MilestoneGetCameras" web proxy
- Configuration of Alarm Classes in viisights WISE



This document is not an exhaustive installation manual and does not cover the installation of Milestone XProtect VMS and viisights WISE.

2.4 LICENSE

For Milestone licensing, please refer to the relevant Milestone distributor.

For viisights WISE license, please refer to <u>sales@viisights.com</u>.



3 INSTALLATION AND CONFIGURATION – MILESTONE SERVER SIDE

Install milestone on your computer, please follow the Administrator Manual – Xprotect VMS 2018 R3:

- 1. Install Milestone corporate 2018 R3
- Use Milestone XProtect Management Client to add a new Basic User Security -> Basic User -> Create New Basic User

Smart Wall	
- Ciew Groups	
🖅 Smart Client Profiles	New Basic User
Management Client Profiles	User name:
Matrix	
Rules and Events	viisights
Rules	Description:
Time Profiles	A
Notification Profiles	
😽 User-defined Events	
Analytics Events	
Generic Events	
C Security	
Roles	Password:
System Dashboard	Percet parament
Current Tasks	nepeat passworu.
System Monitor	••••••
System Monitor Thresholds	
Revidence Lock	OK Cancel
Configuration Penerte	



3. Assign the new user with Administrator privileges - Roles -> Administrators -> Users and Groups -> Add... -> Basic user





4. Select the new user from the list to assign administrator privileges

elect	Name	 	 3
	viisights		
15.000			



- 5. Install ONVIF bridge 2018 R3
 - 5.1. Choose language, read and accept the license agreement, select typical installation. Fill the fields with the credentials of the admin-level basic user created in the previous step and click Continue.

Milestone ONVIF Bridge	2019 R1
Specify the	primary surveillance system server
Enter the address of log in, and the user	the primary surveillance system to which your ONVIF Bridge server should name and password used for this login.
Server URL:	http://localhost
Log in as:	User account ~
User name:	viisights
Password:	*****
Validating	
	Previous Continue Cancel





on.
)

File location:		
C:\Program Files\Milestone		Browse
Free didy appeal on drives 07 CP		
Free disk space on drive: 97 GB		
Product language:		
roduct language:		
nguage: United States)	~	
roduct language: English (United States)	~	
oduct language: inglish (United States)	~	
roduct language: English (United States)	~	
roduct language: English (United States)	~	
roduct language: English (United States)	~	
Product language: English (United States)	~	
Product language: English (United States)	~	
Product language: English (United States)	~	1



6. In milestone management: Servers - ONVIF Bridges – Add new – Add user

Site Navigation 👻 👎	× ONVIF Bridges	▼ ₽	ONVIF Bridge In
☐ I milestone1 - (13.1a) ☐ I Basics		dd New C	itrl+N
License Information		efresh	F5
E Remote Connect Services			
Axis One-click Camera Connection			
□ U Servers			
- 👸 Failover Servers			
Mobile Servers			
ONVIF Bridges			

Add ONVIF E	ridge	×
Name:	viisights	
	OK	Cancel





ONVIF Bridges 🚽 🗸	ONVIF Bridge Information	
ONVIF Bridges Ovisights	ONVIF Bridge settings (milestone 1)	
	580	
	RTSP port:	
	554	
	ONVIF user credentials:	
	User name:	
	viisights	
	Password:	
	Add user	Remove user



7. Install ONVIF Device Manager

7.1. Log in with basic user

ONVIF Device Manager v2.2.250	–	(
You logged in as viisights Log out	🧔 💥 😰	
Device list 《		
Name, location or address Cancel		
Add		





7.2. Add new device - <u>http://localhost:580/onvif/device_service</u>



 Optional - Add RTSP Stream for running predefined clips. This step can be useful for example for the purpose of observing detections by using a video streamed from viisights WISE server.





Specify user name and password if device	es are not using the default ones.	
Include User Name	Password	Add
✓ (Factory Default)	••••••	Remove
Help	< Back Next >	Cancel
Add Hardware		
Select which drivers to use when scanning The more drivers selected, the slower the	g for hardware. scanning.	
Select which drivers to use when scanning The more drivers selected, the slower the	g for hardware. scanning.	Colort All
Select which drivers to use when scanning The more drivers selected, the slower the	g for hardware. scanning. ^	Select All
Select which drivers to use when scanning The more drivers selected, the slower the HikVision	g for hardware. scanning.	Select All Clear All
Select which drivers to use when scanning The more drivers selected, the slower the HikVision Hinfinova H IQEye JVC	g for hardware. scanning.	Select All Clear All
Select which drivers to use when scanning The more drivers selected, the slower the HikVision Hinfinova Hinfinova Hinfinova Hinfinova Hinfinova Hinfinova Hinfinova Hinfinova	g for hardware. scanning.	Select All Clear All
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Select which drivers to use when scanning The more drivers selected, the slower the HikVision HikVision HikVision HildEye LG Electronics HildEstone HildEs	g for hardware. scanning.	Select All Clear All
Select which drivers to use when scanning The more drivers selected, the slower the HikVision Infinova IQEye I QEye I LG Electronics Milestone Mobotix I Panasonic	g for hardware. scanning.	Select All Clear All
Select which drivers to use when scanning The more drivers selected, the slower the HikVision Hinfinova HIQEye HIQEye HIQE Electronics HIGE Electronics	g for hardware. scanning.	Select All Clear All
Select which drivers to use when scanning The more drivers selected, the slower the HikVision HilleStone HilleStone Hobotix Ho	g for hardware. scanning.	Select All Clear All
Select which drivers to use when scanning The more drivers selected, the slower the HikVision HikVision HildEye Hil	g for hardware. scanning.	Select All Clear All
Select which drivers to use when scanning The more drivers selected, the slower the HikVision HikVision HildEye LG Electronics Hilestone Hilestone Hobotix Panasonic Samsung Sony Mulersal Universal Universal Universal	g for hardware. scanning.	Select All Clear All
Select which drivers to use when scanning The more drivers selected, the slower the HikVision HikVision LigEye LigEye LigElectronics Milestone Mobotix Panasonic Pelco Samsung Sony Miniversal Universal Universal 1 channel driver	g for hardware. scanning.	Select All Clear All
Select which drivers to use when scanning The more drivers selected, the slower the HikVision HildEye LG Electronics Hilestone Mobotix Panasonic Pelco Samsung Sony Muiversal 1 channel driver Universal 16 channels driver	g for hardware. scanning.	Select All Clear All
Select which drivers to use when scanning The more drivers selected, the slower the HikVision H Infinova H IQEye LG Electronics Hilestone Mobotix H ONVIF Panasonic Pelco Samsung Sony H Universal 1 channel driver Universal 16 channels driver Vivotek	g for hardware. scanning.	Select All Clear All
Select which drivers to use when scanning The more drivers selected, the slower the HikVision H HikVision H IQEye JVC L G Electronics Milestone Mobotix H ONVIF Panasonic Pelco Samsung Sony H Universal 1 channel driver Universal 16 channels driver Vivotek H Other	g for hardware. scanning.	Select All Clear All
Select which drivers to use when scanning The more drivers selected, the slower the HikVision H HikVision H Infinova H IQEye JVC L G Electronics H Mobotix H Mobotix H Mobotix H Mobotix H Panasonic Pelco Samsung H Sony H Universal 1 channel driver Universal 16 channels driver Universal 64 channels driver H Other	g for hardware. scanning.	Select All Clear All



ld H	Hardware				- □ >
Ente	er information for hardware tionally, select driver type t	e you want to add. to speed up detection.			
		123	1.08 g		
	Address	Port	Hardware model	1.000	Add
	40.114.80.116	80	Universal 1 channel driver	~	Remove
	Help		< Back	Next >	Cancel

			Stop
ected hardware:	Pat	Handuran madel	Status
1 40 114 80 116	80	Universal 1 channel driver	Success



ardware name template:		Dev	rice name template:			
lefault		∼ Def	ault			
Ardware: Camera Microp	hone [] Speaker	Metadata		Output	
Hardware to Add	Enabled	Name				
Jniversal 1 channel driver - 40.114.80.116						
Hardware:	\checkmark	Universal 1	channel driver (40.114.80.1	16)		
Camera port 1:	\checkmark	Universal 1	channel driver (40.114.80.1	16) - Camera 1		
Microphone port 1:		Universal 1	channel driver (40.114.80.1	16) - Microphone 1		

Add Hardware				×
Select a default group for all device Alternatively, select device group i	s types. ndividually for each device.			
Default camera group:	Devices	Add to Group		
No group selected	Cameras			
Default microphone group:	This way to the second	iver (40.114.80.116) Default Group		
No group selected	2			
Default speaker group:				
No group selected	2			
Default metadata group:				
No group selected	2			
Default input group:				
No group selected	2			
Default output group:				
No group selected	23			
Help		< Back Finish	Cancel	
, top			Ganoor	_



Select Group		×
Cameras		
4	ОК	Cancel





Edit Hardware	
Identification	
Name:	Universal 1 channel driver (40.114.80.116)
Address	
Hardware URL:	rtsp://40.114.80.116:554/cam2.mp4
Authentication	
User name:	root
Password:	••••
Help	OK Cancel



- 9. Enable Analytic events in XProtect Management Client
 - 9.1. Tools -> Options -> Analytic Events -> click on Enabled, port = 9090

Milestone XProtect Management Client 2019 R1

File Edit View Action	Too	ls Help	
日 🤊 🕝 🗢 曲	-	Registered Services	
Site Navigation	-	Professional VMS Servers	er
□ I milestone1 - (13.1a) □ I Basics	R	Effective Roles	or mi
🔚 License Info	-	Options Ctrl+O	
Cita Informat	100		

Options				×
Access Control Settings Analytics Events	Customer Dashboard	Alarms and Events	Generic Events	د ،
Analytics events				
Enabled				
Port:				
9090				
Security				
Events allowed from:				
 All network addresses 				
O Specified network addresses:				
Address				
-				
Import				
Help		0	K Ca	ncel



10. Add Events

- 10.1. Go to Rules and Events -> Analytics Events Rules and Events Rules Time Profiles Notification Profiles User-defined Events Analytics Events Generic Events
 - 10.2. Right-Click the Analytics Events root object, Add New..., name the new event *Viisights Analytic Alarm <Class label>*





11. Add alarms –



11.2. Right-Click the Alarms Definitions root object, Add New...





11.3. Give the new event a name, e.g. **Viisights Analytic Alarm – Car collision**, select the Triggering event as Analytics Events

Properties		↓ ₽
Alarm definition		
Enable:		
Name:	Visights Analytic Alarm - Car collision	
Instructions:		<u>`</u>
Trigger		
Triggering event:	Analytics Events	~
	Access Control Event Categories Analytics Events Device Events	
Sources:	External Events Hardware Events	
Activation period	Recording Server Events System Events	
Time profile:	System Monitor Events Transaction events	
O Event based:	Start: Select	
	Stop: Select	



operties	
Alarm definition	
Enable:	
Name:	Viisights Analytic Alarm - Car collision
Instructions:	
Trigger Triggering event:	Analytics Events ~
	Visights Analytic Alarm - CAR_COLLISION V
Sources:	Visights Analytic Alarm - CAR Visights Analytic Alarm - CAR COLLISION
Activation period	Visights Analytic Alarm - CAR_MOVING Visights Analytic Alarm - CAR_STOPPING_IN_JUNCTIC
Time profile:	Visights Analytic Aam - PERSON Visights Analytic Aam - VEHICLE MOVING ON SIDE
O Event based:	Visights Analytic Alam - VEHICLE_ON_SHOULDER

11.4. Choose 'Viisights Analytic Alarm – CAR_COLLISION' as the sub category

11.5. Under Sources: select the desired cameras and click Add

Select Sources		×
Type filter: All	~	
Groups Servers		Selected:
USERTEC-UQ9GSN8 ☐-☆ Camera Group 1 └	a Add Remove	Grundig street camera
		OK Cancel



12. Add ViisightsOverlay plugin to milestone:

- 12.1. Download SmartClient v0.1.zip
- 12.2. Extract the archive and copy the folder "viisightsOverlay" into the Milestone installation folder under the subfolder **MIPPlugins**

		> Milestone > MilePlugins >	8	
	Name	Date modified	Туре	Size
Quick access	MobileAdministrator	4/7/2019 12:59 PM	File folder	
Desktop 📌	ONVIFBridge	4/7/2019 1:41 PM	File folder	
🕂 Downloads 🛛 🖈	ViisightsOverlay	4/7/2019 2:03 PM	File folder	
Music Videos				

- 13. Create Alarm Vide on XProtect Smart Client
 - 13.1. Open the XProtect Smart Client, switch to Setup mode



- 13.2. In setup mode Create new view
- 13.3. Add viisightsOverlay plugin to view
- 13.4. Click on view, click "select camera" (bottom left side of screen) and add the appropriate camera.
- 13.5. Settings Analytic Overlay choose appropriate camera.



14. On the Milestone XProtect server, add a new Web Service:

- 14.1. Download Proxy v2.0.zip
- 14.2. Unzip the folder "MilestoneGetCameras" to a new folder such as C:\Viisights

(The folder MilestoneGetCameras can't be placed in a secure folder, i.e. it cannot be placed in: C:\inetpub, System, etc.)

📙 🛃 📕 🖛 Viis	sights				
File Home	Share	View			
← → ~ ↑ 🚺	> This	PC > Windows (C	:) → Viisights		
- Ouick access		Name	^	Date modified	Туре
Desktop	*	MilestoneGet	Cameras	4/7/2019 2:11 PM	File folder
Downloads	*				
Documents	*				
Pictures	*				
👌 Music					
Videos					
ConeDrive					
📃 This PC					
ight Network					



14.3. Install and configure Web Deploy on Windows Server – Windows Features - Enable IIS Management Scripts and Tools (tutorial https://www.youtube.com/watch?v=IwbKquNBNgQ)

Windows Features

Turn Windows features on or off





15. Configure the new Web Service on Internet Information Services (IIS) Manager (MilestoneGetCameras proxy)

lnternet Infor	mation Services (IIS) I	Manager Sites 🕨			
File View H	Help				
Connections	1 (milestone1\viisig ation Pools	Filter:	Sites		
¥ 📓 S	Add Website				
2	Refresh	Refresh			
	Switch to Content V	iew	2		

15.1. Sites -> Add Website



15.2. Enter parameters:

- Site name: MilestoneGetCameras
- Application pool: MilestoneGetCameras (Populated automatically)
- Physical path: click "..." and navigate to the folder "MilestoneGetCameras".
- Binding Port: choose free port in your system (e.g: 999).
- Click "OK"

ite name.	92 C	Application pool:	_	
VilestoneGetCameras		MilestoneGetCameras	Select	
Content Directory Physical path:				
C:\Viisights\Milest	oneGetCameras			
Pass-through auth	entication			
Connect as	Test Settings			
Binding				
Туре:	IP address:	Port:		
http	 All Unassigne 	ed 🗸 999		
Host name:				
Example: www.cor	itoso.com or mark	eting.contoso.com		
	San and an			
Start Website imm	ediately			



izat Compilation	INETERIOR	INFI	DIEL UPOTIO	NET Palar	NET Truet	N
	Pages	Globalization	INCIPIONE	ANET ROLES	Levels	-15
6 🕹						
ders Session State	SMTP E-mail					
6	0		404	1		
ntic Compression	Default	Directory	Error Pages	Handler	HTTP	IS/
0	Document	Browsing		wappings	Headers	
	ders Session State	ders Session State SMTP E-mail	ders Session State SMTP E-mail	ders Session State SMTP E-mail ntic Compression Default Default Document Browsing Default Directory D	ders Session State SMTP E-mail	ders Session State SMTP E-mail

153 On the new website, navigate to HTTP Response Headers

- 15.4. Add the following entries:
 - name: Access-Control-Allow-Headers , value: *
 - name: Access-Control-Allow-Origin , value: *

HTTP Response Headers

Use this feature to configure HTTP headers that are added to responses from the Web server.

Group by: No Grouping -	<i>iii</i>	
Name	Value	Entry Type
Access-Control-Allow-Headers	*	Local
Access-Control-Allow-Origin	*	Local
X-Powered-By	ASP.NET	Inherited

Important - Ensure the selected ports are open in the firewall (see article)



16. Set up filters for alarms:

16.1. On XProtect Management Client, navigate to Alarms -> Alarms Data Settings. On the client

🗄 🧏 Alarm	IS		
	larm Definitions		
👧 Al	larm Data Settings		
👩 S	ound Settings		
<			
Site Navigation	Federated Site Hierarchy		

16.2. Alarms List Configuration: add Type, Tag.

arm Data Levels	Alarm List Configuration	Reasons for Closing
Available columns Alarm Category Level Category Name Location Object Priority Name Rule Server Name Vendor	:	Selected columns: ID Image Message Owner Priority Level Source State Level State Name Tag Time Type
		>



16.3. On XProtect Smart Client, navigate to the Alarm Manager tab, Right-click the filters title and mark: **Type & Tag**

Alarms No filter	,								Rep
D Time	Priority Level	State Level	State Name	Message	Source	Owner	ID	Tag	ID Image Message Owner Owner Priority Level Source State Level State Level State Name Tag Time
									Туре

16.4. Ensure that the ports are open in the firewall:

- RTSP port 554.
- Port 9090 for analytic events (port 9090 as in this example)



4 CONFIGURATION – VIISIGHTS SERVER SIDE

- 1. Login to viisights cluster UI http://<server>/cluster
 - 1.1. Navigate to System Settings -> Classes -> Alarm, select which alarm classes to send to the Milestone connector –

\odot	SYSTEM SETTINGS				HELP ADMIN 💄
Cameras Ciusters	System Settings Classes GPU Retention Connectors				
System Settings	Note: Any change in 'Classes Settings' will take effect only af	ter stream restart.			
	Event Classes Classes that are exposed as alarms to the active connect	lors	Search	X SYSTEM EVENT	ALARM SAVE
	✓ EVENT	✓ ACTION	✓ SCENE	✓ OBJECT	
		CAR_MOVING	CROWD	✓ ATM	
	COLLISION	CAR_STOPPING	CROWD_DISPERSING	V BAG	~
	PERSON_GET_INTO_CAR	✓ DOG_POOPING	CROWD_GATHERING	BICYCLE	
	PERSON_GET_OUT_FROM_CAR	PERSON_MOVING	CROWD_MOVING	BUS_STOP	
	LOITERING_NEAR_BUS_STOP	PERSON_RUNNING	CROWD_RUNNING	V CAR	~
	MASKED_PERSON_ENTER_PREDEFINED_AREA	PERSON_STOPPING		✓ FIRE	
	PEOPLE_FIGHTING	V PERSON_WALKING		V PERSON	~
	VEHICLE_ON_SHOULDER			JUNCTION	
	VEHICLE_MOVING_ON_SIDEWALK	MOTORCYCLE_MOVING		MOTORCYCLE	~
	VEHICLE_STOPPING_IN_JUNCTION	MOTORCYCLE_STOPPING		PERSON_CLIMBING	
		BLOOD		V PERSON_JUMPING	

1.2. Navigate to System Settings -> Connectors, Enable and configure the milestone connector

\odot	SYSTEM SETTINGS		HELP ADMIN 💄
Cameras	Classes GPU Retention	Connectors	
Clusters	Milestone	Milestone	
System Settings		IP Of The Milestone Server 104.211.60.150	H SAVE
		XProtect Port Number 80	
		Port Of The Milestone Event Server 9090	
		XProtect Username To Authenticate viisights	
		XProtect Password To Authenticate viisights5344	
		Milestone Proxy Gateway 104.211.60.150:999	
		Event Name As Defined In Milestone VilsightsAlarm	
	17.5	Disalbe Sending Tracks for Analytic Events	

• Enter the IP address of the Milestone XProtect server and port number



- Fill in the Username and Password of the Basic user defined in XProtect Management Client
- Enter the Milestone Proxy Gateway IP and port number (e.g: 999 as in this example)
- Type the event name defined in the XProtect Management Client

System Settings						
Classes GPU Retention	Connectors					
Milestone	Milestone					
TSG Connector	Milestone Connector					
SMTP Alorte	AdjustTimeSyncInMilliseconds					
SWITE AIGUS	0					
	Adjust the time for the sent analytic event in case of boundary boxes of detected object is not placed on the same frame in the smart client					
	Set alarm msg to "viisights analytic event - (class-name)"					
	True triggers sending alarms with msg name containing their class					
	Defines Interval Between Two Analytic Events For The Same Event					
	250					
	A detected event can take place for long duration. This configuration is working only with disableAnalyticEventTracking=false					
	Disalbe Sending Tracks for Analytic Events					
	False triggers sending multiple track events.					
	Port Of The Milestone Event Server					
	9090					
	IP Of The Milestone Server					
	192.168.1.121					
	Merge alarms with similar events in close time proximity					
	False triggers send alarms with similar events in close time proximity					
	Merge Alarms With Similar Events In Time Proximity Less Than:					
	2000					
	Merge alarms with similar events that appear in time proximity of less than X to each other					
	Event Name As Defined In Milestone					
	ViisightsAlarm					
	XProtect Password To Authenticate					
	viisights5344					
	Milestone Proxy Gateway					
	192.168.1.121:999					
	XProtect Username To Authenticate					
	viisights					
	XProtect Port Number					
	80					



5 ALERT VIEW ON MILESTONE XPROTECT CLIENT

Milestone XProtect Smart Client	ent			<u>م د</u>			16/06/2019 16:37:04	_ 0	⊐ ×	
Live Playback	Seque	ence Explorer	Alarm Mar	nager 🍘	System Moni	tor		+ 8	9 9 1	~
								Setun	ß	য
A / A Pa No man has been	coloct	od.				Georgia GCI-515058 /102 169 151 - Camera 1 - 16/06/2010 15-20-27 415		octop		-
The No map has been	selecti	-0				A 1 € 16/6/2019	0.37.503 -			16.0
Quick Filters	Alan	ms <i>No filter</i> ❤					Reports	1-	-47	٦
▼ New (47)		Time	Priority Level	State Level	State Name	Message S	ource			A
		15:30:21 16/06/2019	1	1	New	Viisights Analytic Alarm - CAR STOPPING IN JUNCTION	arundig GCI-F1505B (192.168	8.1.5) - (Camera 1	Π
T in progress (0)		15:31:04 16/06/2019	1	1	New	Viisights Analytic Alarm - CAR_STOPPING_IN_JUNCTION	Grundig GCI-F1505B (192.168	8.1.5) - (Camera 1	
T On hold (0)		15:31:11 16/06/2019			New	Viisights Analytic Alarm - CAR_STOPPING_IN_JUNCTION	Grundig GCI-F1505B (192.168	B.1.5) - (Camera 1	
T Closed (0)		15:31:20 16/06/2019			New	Viisights Analytic Alarm - CAR_STOPPING_IN_JUNCTION 0	Grundig GCI-F1505B (192.168	8.1.5) - (Camera 1	
		15:31:30 16/06/2019			New	Viisights Analytic Alarm - CAR STOPPING IN JUNCTION	Grundia GCI-F1505B (192.168	8.1.5) - (Camera 1	
		15:31:53 16/06/2019	1		New	Viisights Analytic Alarm - CAR STOPPING IN JUNCTION	arundig GCI-F1505B (192.168	8.1.5) - (Camera 1	
		15:32:10 16/06/2019			New	Viisights Analytic Alarm - CAR STOPPING IN JUNCTION	Grundia GCI-F1505B (192.168	B. 1.5) - (Camera 1	
Servers		15:32:26 16/06/2019	1		New	Viisights Analytic Alarm - CAR STOPPING IN JUNCTION	Grundig GCI-F1505B (192 168	8.1.5) - (Camera 1	
A USERTEC-UQ9GSN8		15:32:35 16/06/2019			New	Viisights Analytic Alarm - CAR STOPPING IN JUNCTION	arundig GCI-F1505B (192.168	8.1.5) - (Camera 1	
		15:33:29 16/06/2019	1		New	Viisights Analytic Alarm - CAR STOPPING IN JUNCTION	arundig GCI-F1505B (192.168	8.1.5) - (Camera 1	
		15:34:23 16/06/2019	1		New	Viisights Analytic Alarm - CAR STOPPING IN JUNCTION	irundig GCI-F1505B (192 168	8.1.5) - 0	Camera 1	
		15:34:27 16/06/2019	1		New	Viisights Analytic Alarm - CAR STOPPING IN JUNCTION	Grundig GCI-F1505B (192 168	8.1.5) - 0	Camera 1	
		15:35:12 16/06/2019			New	Viisights Analytic Alarm - CAR_STOPPING_IN_JUNCTION	GCI-F1505B (192.168	8.1.5) - (Camera 1	
		15:35:12 16/06/2019			New	Viisights Analytic Alarm - CAR_STOPPING_IN_JUNCTION	arundig GCI-F1505B (192.168	8.1.5) - (Camera 1	
		16:15:57 16/06/2019			New	Viisights Analytic Alarm - CAR STOPPING IN JUNCTION	arundig GCI-F1505B (192.168	8.1.5) - (Camera 1	Ŧ
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6 ALERT VIEW ON VIISIGHTS UI

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: 🔹 🙀 🕶 192.168.1.115/#U/content-analysis-dashboard-stream?extid=4771c276-3077-4303-833e-8d9d3eas8001&start=1560691158000&end=0 D				
\odot	STREAM ANALYSIS DASHBOARD			DEVELOPER HELP DISCOVERY
	Stream: RUNNING Hide Boxes Hide Labels	Filters 3		SELECT ALL CRESET FILTERS
• F Explorer		V EVENT ^ Select Event class	ACTION ^	SCENE Select Scene class
6717		CAR_ON_SIDEWALK	CAR_MOVING	CROWD
Content		CAR_STOPPING_IN_JUNCTION	CAR_STOPPING	CROWD_DISPERSING
Management		CAR_COLLISION	PERSON_STOPPING	CROWD_GATHERING
গ্ৰ		PERSON_GET_INTO_CAR	PERSON_WALKING	CROWD_MOVING
System		PERSON_GET_OUT_FROM_CAR	MOTORCYCLE_MOVING	CROWD_RUNNING
Settings	Ttlo: 4/71c2/6-3017-4303-8336-809036858001	PEOPLE_FIGHTING	MOTORCYCLE_STOPPING	
	Description:	VEHICLE_ON_SHOULDER	PERSON_FALLING	
		VEHICLE_MOVING_ON_SIDEWALK	PERSON_RIDING_BICYCLE	
			PERSON_RIDING_MOTORCYCLE	
			PERSON_THROWING_OBJECT	
		OBJECT		<u>^</u>
		Select Object class		Ť
	stant: Jun 10, 2019 4CTV:18 PM			MLIVE
	CAR_ON_SIDEWALK			
	CAR_COLLISION			÷



Troubleshooting: Allow analytic events from external source:

if alarms don't reach the server then:

Management Client: at the top of the window go to **Tools** menu \rightarrow "Registered services", Select the "Event Server" and click on "Edit..." \rightarrow "Add" and type <u>http://yourpublicip:</u>22331 (where you state the previously re-directed **external** port, if different). Also check the "External" checkbox.

-link to developer forum concerning this issue-

List of ports to open: milestone (80), ONVIF (554), Analytic events (9090), Proxy (999)