

VTrack Milestone integration basic steps





VTrack / Milestone Integration – Configuration steps

This integration allows Milestone to receive **events**, **events** images and informations (in the form of **metadata**) directly from VTrack.

It is possible to send alarms to any XProtect version, while the metadata feature is supported only by the versions Corporate, Expert and Professional Plus.

The basic steps are the following:

- VTrack:

- 1) Setup the plugins (explained in other manuals)
- 2) Setup the Milestone analytic events (events)
- 3) Setup the Milestone provider (metadata)

- Milestone:

- 4) Setup the alarm definitions (events)
- 5) Link the VTrack's metadata to the camera (metadata)







LOGIN THE CENTRAL MANAGER (VTrack)





VTrack / Milestone Integration – Login the Central Manager



Username: admin
Password: 1234





CONNECT TO VTRACK





VTrack / Milestone Integration – Connect to VTrack







CREATE A NEW VTRACK's CONFIGURATION





VTrack / Milestone Integration – Create a new VTrack's configuration







VTrack / Milestone Integration – Create a new VTrack's configuration







VTrack / Milestone Integration – Create a new VTrack's configuration

Click +» to add a camera



Double click to setup the acquisition module

Select RTSP and fill the acquisition's parameters







SETTING UP THE PROCESSING PLUGIN (VTrack)



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VTrack / Milestone Integration – Setup the processing plugin







VTrack / Milestone Integration – Setup the processing plugin







VTrack / Milestone Integration – Setup the processing plugin



Click on the image points to create the vertices of the alarm zone

Change the name of the event to trigger the alarm in milestone

Click «V» close the zone

Click the floppy icon to save the configuration



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SETTING UP THE MILESTONE ANALYTIC EVENTS (VTrack)



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Modules 🗖	Milestone analytic events			6
۵ 🗎 🖒 🖿	🗘 Parameters 🚍 Module 🥜	Connections		
TLC: 1/ VA: 1	Inputs modules		Outputs modules	V 33
Tico1*	Module name	Module uuid 2f42966e-daa4-4e24-a336-e46d9	36bed4b Module name	Module uuid
			«C	Open the Connections» tab
I/O: 1 The second secon			Chec	k the plugins of the alarms to send
Built-in: 5 DBWriter* EventsDBWriter* UPRManagerDbWriter ModulesPriority*				





Milestone a	analytic events neters 🖶 Mode	ule 🥜 Connections				© ×	
Mileston IP ad Port Unse Mess	e event server Idress ant queue [max di sage format	mension]	192.168.1.126 9090 20 ANALYTIC_EVENT		Milestone management so IP address Port Product type Authentication Username Password	erver	Open the «Parameters» tab
Rule list Id	Event type Start	Name Intrusion_Gate_Start	Type Intrusion_Gate	Module name Intrusion01(TIc01)	Camera name		Fill the IP address and credentials of the Milestone management server
							Fill the IP address and credentials of the Milestone event server (usually the same)
						Test	





Flag the checkbox of the alarms to be sent to Milestone

Double click the «Camera name» cell

Check the name of the event (it have to be the same as the relative Milestone's analytic event

Select the camera from the list to complete the association





Test



SETTING UP THE MILESTONE PROVIDER (VTrack)



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🖆 TechnoAware Central Manager 5.0.169 [I	user: admin]		Arteco Open Connector		
🛟 Configurations 📃 Overview 🦎 Li	ive 🛕 Events 🧕 TFace 🤱 Usi	۲	Avigilon POS sender		
Cor	nfiguration: test_SlipFall	۲	Avigilon alarm sender		
	Nodules		Axis alarm sender		
127.0.0.1 MAZ	≝ ⇔ (Axis virtual input		
> WTrack-Monitor	TLC: 1/ VA: 1	Care	CWare notifier	_	
		÷	Events recorder	- [Pross (1) to open
		FTP	FTP sender		Press «+» to open
		S.	GateFlow aggregator		the list of I/O
		C	Genetec provider		Interfaces
		٢	Http requestor	Ľ	
			lmage storage		Select «Milestone
		TW.	LPR notifier		
		::	Logical rules	l	provider»
		@	Mail sender		
< >		Ŵ	March Networks alarm sender		
× MAZINEMPERORG [127.0.0.1]		XML	Metadata XML notifier		
	I/O: 0	٠	Milestone analytic events		
Configurations 🛉 🥖 🗕 🕱		-	Milestone provider		
Name Schedulers			Mirasys event		
test FaceDetec Night:			Mirasys metadata notifier		
test_SlipFall Always;		*	Modbus sender		
		.8	Modules activator		





Configuration: Intrusion_Test							
Milestone analytic events							
Parameters = Module Connections							
Inputs modules Module name	Module uuid 37187b25-a82a-4d5d-8898-f9fec37ccaa0	Open the «Connections» tab					
		Check the plugins of the metadata to send					







Remember: every Milestone provider needs to have a different port.











SETTING UP THE ALARM DEFINITIONS (Milestone)



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Alarm Definitions • P Alarm Definitions Alarm Definition CHR_Coletivo CHR_Coletivo CHR_Nao_Reconhecido CHR_Representacao	Properties Aam definition Enable: Name: Instructions:	☑ Test alam	Set the name of the alarm definition
LPR_Servico Recognized Test Cut Test Cut Unknown	Trigger Triggering event: Sources:	Analytics Events Analytics Events Intrusion_Gate AXIS Q6114-E PTZ Dome Network Camera (192 168.1.218) - Telecamera 1 Select	Select «Analytic Events» from the drop down list
	Activation period Time profile: Event based: Operator action required Time limit:	Aways Stat: Stop: Stop	Select the previously set analytic event from the drop down list
	Events triggered: Other Related cameras: Related map: Initial alam owner:	Select	Press «select» and set the camera associated to the event
	Initial alam priority: Alam category: Events triggered by alam: Auto-close alam:	High v	Save the applied changes and repeat the steps for every event





VTrack / Milestone Integration – Milestone alarms, result



Restart the XProtect Smart Client (if open) and, if everything is correctly set, the system will now show the VTrack events associated to the camera directly in XProtect.





SETTING UP THE MIP DRIVER (Milestone)











Add Hardware		—		×
	Add Hardware			
	This wizard helps you detect and set up hardware.			
	Hardware detection method:			
	 Express (recommended) Automatically detects hardware on the recording server's local network 			
	 Address range scanning Scans defined network address ranges and detects hardware models 			
	 Manual Detects hardware models for manually entered IP addresses and host names 			
milestone	 Remote connect hardware Add hardware connected via a remote connect server 			
The Open Platform Company				
Help	< Back Next >	(Cancel	

Select «Manual» then press «Next»





Add Haro	dware				—		×
Specif	y user name and password if de	vices are not using the default ones.					
	User Name (Factory Default) root	Password			Ē	<u>A</u> dd <u>R</u> emove	
		•••••					
	<u>H</u> elp		< <u>B</u> ack	<u>N</u> ext >	<u>(</u>	ancel	

Press «Add», leave the User Name empty and set the defined password (page 11). Press «Next»



Add Hardware			- 0	×
Select which drivers to use when scanning for hardware. The more drivers selected, the slower the scanning.				
Pelco Samsung Sony Universal Vivotek Other ADAM 60xx DIO module Cansoln Digital Barriers TVIDecoder Digital Barriers TVIDecoder DirectShowDriver Husky IO module Screen Recorder Screen Recorder Stretch VRC7016L/LX Toshiba Teli Cl8200D Video Push Driver			<u>S</u> elect A	11 11
<u>H</u> elp	< <u>B</u> ack	<u>N</u> ext >	<u>C</u> ancel	

In the hardware list, expand the «Other» main tree and check «MIP Driver». Press «Next».



dd⊦	Hardware				—		×
Ente Opt	er information for hardw tionally, select driver typ	vare you want to add. pe to speed up detection.					
	Address	Port	Hardware model			<u>A</u> dd	
1	127.0.0.1	30010	MIP Driver	~		Remove	
	Kemember. e	every Milestone prov	vider needs to have a different	port.			
	Kemember. e	every Milestone prov	vider needs to have a different j	port.			

Set the IP Address of the VTrack Server and the port of the VTrack's Milestone provider (page 11). Press «**Next**».



Add Ha	rdware				—		×
Waity Once	while your hardware is being detected. detection has completed, select which l	nardware to add.					
						Stop	
Detected	d hardware:						
Add	Address	Port	Hardware model		Status		
1	192.168.1.126	30010	MIP Driver		Running	3	
Shov	w hardware running on other recording servers	3					
	Help		< <u>B</u> ack	<u>N</u> ext >		<u>C</u> ancel	

Milestone will check the configuration.

If correct press «Next», else press «Back» and apply the required changes.





Under the «Recording Servers» tree, double click on the camera associated to the Metadata.

Click on «...» right next to the Related metadata and add the previously added MIP Driver.

Press OK and save.







Restart the XProtect Smart Client (if open) and, if everything is correctly set, the system will now highlight automatically the bounding boxes using the color scheme set on VTrack.

