VEZHA VA PLUGIN FOR MILESTONE XPROTECT

VMS

IncoreSoft VEZHA Integration Documentation





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Introduction

This guide comprises comprehensive information about VEZHA Analytics System web integration with Milestone XProtect VMS through the VEZHA VA Plugin. Use this guide to understand the plugin installation and configuration process and learn how to utilize it for the best results.



What is VEZHA VA Plugin?

The VEZHA VA Plugin is a versatile tool that allows viewing video analytics results from various VEZHA plugins in a single, convenient web interface within the Milestone XProtect Smart Client.



<u>Overview</u>

A

Before you start, ensure you have correctly installed and configured:

- 1. The latest version of IncoreSoft VEZHA Analytics System (Middleware Core ver. 23.2.11 or higher)
- 2. The latest version of the required IncoreSoft VEZHA plugins
- 3. Milestone XProtect VMS
- 4. Milestone Open Network Bridge
- 5. WebView2 library
 - The latest version of the IncoreSoft VEZHA Analytics System installation file can be found in the Installation Files section of the Partners Portal.
 - Middleware Core version can be checked in the Updates item of the VEZHA system, and updated if necessary.
 - IncoreSoft VEZHA plugins can be updated in the Plugin Marketplace item of the VEZHA system.
 - Milestone Open Network Bridge must be installed and configured on the same computer as the Milestone XProtect Management Server.
 - The WebView2 library installation on the same computer as Milestone XProtect Smart Client is essential for the proper functioning of the plugin. Download the WebView2 installation file at the following link: https://developer.microsoft.com/en-us/microsoftedge/webview2/#download-section.



Plugin Installation

To initiate the plugin installation:

- 1. Navigate to the Installation Files section in the Partners Portal
- 2. Select the Milestone XProtect VMS Plugins block
- 3. Download the Milestone Web Integration Plugin file

Execute the Incoresoft-VEZHA-WebIntegration.exe file by double-clicking it.

Select the desired language and click the Ok button:

English	
	~

Review the setup information and click the Next button to proceed:



Click the Browse button to select a folder for installation, and then proceed by clicking the Next button:



💭 Setup - Incoresoft Web Integration	_		×
Select Destination Location Where should Incoresoft Web Integration be installed?			() Incorrisoft
Setup will install Incoresoft Web Integration into the follow	ing folder	r.	
To continue, click Next. If you would like to select a different folder,	click Bro	wse.	
C:\Program Files\Milestone\MIPPlugins\Incoresoft Web Integration	Bre	owse	
At least 10,0 MB of free disk space is required.			
Back Ne	xt	Ca	ncel

Click the Install button and wait patiently until the installation process is completed:

Setup - Incoresoft Web Integration		
Ready to Install Setup is now ready to begin installing Incoresoft Web Integration o computer.	n your	(%) Incorrés
Click Install to continue with the installation, or click Back if you war change any settings.	it to revie	w or
Destination location: C:\Program Files\Milestone\MIPPlugins\Incoresoft Web Integra	ation	^
<		>
Back	stall	Cancel

Click the Finish button to close the setup window:





The plugin installation is now complete.



Plugin Configuration

Open the XProtect Smart Client application and sign in by performing the following steps in the login dialog:

	Milestone XProtect [®] Smart Client 2023 R1	,
	Computer	
and	vms-demo com 🔻	
MANN	Authentication	
A A A A A A A A A A A A A A A A A A A	Windows authentication (current user)	
	Domain: VMS-DEMO	
ADAX	User name	
HAXA	VMS-DEMO\Administrator	
	Password	
	Remember password	
XXII	Auto-login	
	Connect Close	
		23.1.54.

- 1. Specify the hostname or the IP address of the XProtect Management Server in the Computer field
- 2. Select the desired authentication method
- 3. Enter the username and password
- 4. Click the Connect button

When the same user login and password are used for accessing Milestone XProtect Smart Client (Basic Authentication) and VEZHA Analytics System, SSO authentication occurs.

To connect VEZHA plugins as web integration, open the Settings pop-up window:



Milestone XProtect Smart C	lient						- 🗆 ×
Views Exports	Search Alarm I	Manager 🞯 Incidents	LPR FR Smart Tracking	LPR FR Object in zone	Smart tracking Sm	art parking System Monitor 3:	54:19 PM
XProtect	"	New View (1 x 1)	~ 18	Export Y Evidence lock Y	LPR FR Sm	art Tracking Gun Detection SmokeFireD	Toggle theme
		New View (1 X 1)		capore : concince loca : BA			2 (7) Server iobs
III Views	^						🌣 Settings
Search views and cameras							? Help (F1)
Private							Video tutorials
🔺 🚞 Test							i About
🔺 🛅 New Group						, I	

- 1. Click the " : " icon
- 2. Select Settings from the drop-down menu

In the Settings pop-up window proceed with the following steps:

Willestone										^
Views	Exports Search	Settings		2	-	□ ×	Monitor	3:53:49 PM	h 🦂	:
XProtect		Application	Address	http://	.com:2001		n Smokef	ireDetectionPlugin	Setup	
III Views		Panes	Show in Smart Client:							
Search view		Functions	 I FR							
🕨 🛅 Privat	te	Timeline	Object in zone							
🔺 🖿 Test		Export	✓ Smart Tracking							
4 THE N	lew Group New View (1 + 2)	Smart map								
E	New View (1 x 1)	Search								
10	New View (10 x 10)	Joystick								
Camer	as	Keyboard								
► # VMS-	-DEMO	Access control								
 Audio 		Alarm Manager								
💉 MIP plu	ug-ins	LPR								
		Face Recognition	l							
		Smart Tracking								
		Vezha Web Integration								
		Gun Detection								
		Help				Close				

- 1. Navigate to the VEZHA Web Integration section
- 2. Enter the VEZHA server address in the following format: "http://your_server_ip_address:port1"
- 3. Check the boxes next to the required VEZHA plugins

Once the server address is specified and the required plugins are selected, close the Settings pop-up window and restart the Milestone XProtect Smart Client to apply changes.

¹ http://your_server_ip_addressport



Plugin Utilization

All enabled VEZHA web plugins are displayed as tabs at the top menu of Milestone XProtect Smart Client:

Views Exports Search Alarm Manager 🖗 Incidents LPR FR Smart Tracking LPR FR Object in zone Smart tracking Smart parking System Monitor	3:55:13 PM	6	2	
		s	etup	2
SEARCH LISTS VEHICLE STATISTICS SPEED CONTROL				

The web plugin interface resembles the VEZHA Analytics System. All available plugin sections are positioned at the top of the page, as illustrated in the example:

Milestone XProtect Smart Client —		×
Views Exports Search Alarm Manager 🍘 Incidents LPR FR Smart Tracking LPR FR Object in zone Smart tracking Smart parking System Monitor 3:55:13 PM	h 2	
	Setup	
SEARCH LISTS VEHICLE STATISTICS SPEED CONTROL		
License Plate Number Enter plate number SEARCH RESET SELECT BY RADIUS		

To view the required event playback, follow these steps:



- 1. Select the desired record
- 2. Click its frame preview on the right side of the page in the List View mode, or click the View icon next to the required event in the Grid View mode
- 3. See the event playback in the pop-up window

To view the desired event playback, the video stream must be associated with the required Milestone camera. If the required video stream is not associated with the Milestone camera, the Event Information pop-up window will be opened, as it usually does in the VEZHA Analytics System, as Milestone XProtect VMS cannot get the event playback from nonassociated video streams.

- Introduction (see page 3)
- What is VEZHA VA Plugin? (see page 4)



- Overview (see page 5)
- Plugin Installation (see page 6)
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