

Milestone-Wise system Architecture



https://s3-us-west-2.amazonaws.com/secure.notion-static.com/8863b62e-82c6-4 bf3-90a1-e06ef9773e39/viisights-Milestones_Integration_Plan.pptx

\bigcirc

Enable Automatic License Activation

Before getting started, make sure that the license information is activated

- 1, Open Milestone XProtect Management Client
- 2. Browse to Basics —> License Information
- 3. Verify that the license information is valid, and that there are no bolded red indicators:
 - a. Installation product should provide a valid expiration date
 - b. License Overview All sites, should provide the amount of active sites
 - c. License Details current site -
- 4. Should there be a license issue, contact your Milestone account manager





Windows - Key registry

In order to ensure that the outputted Milestone RTSP would be digested by the Wise engine, the user must verify if a specific registry key exists on the Windows registry framework.



If it does note exists, we must manually create it.

- 1. Open window's Registry Editor
- 2. Browse to Computer ---> HKEY_LOCAL_MACHINE ---> SOFTWARE ---> Milestone
- 3. Right click the Milestone folder and create a new key



4. Rename the key (folder) to "Milestone Open Network Bridge"

- 5. Create a DWORD (32-bit) Value
- 6. Rename the "value name" to "SHA256auth"
- 7. Input 0 in the "Value data" field

Registry Editor					- 0	×
File Edit View Favorites Help						
Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Milestone\Milestone Open Network Bridge						
> HKEY_CLASSES_ROOT	Name	Type	Data			
HKEY_CURRENT_USER	(Default)	REG SZ	(value not set)			
✓	SHA256auth	REG DWORD	0x00000000 (0)			
> 📕 BCD0000000		-				
> 📕 HARDWARE						
> SAM						
- 📙 SECURITY						
✓ I SOFTWARE						
> 📙 Classes		han han ha	× I			
> Clients	Edit DWORD (32	2-bit) value	^			
- 🖡 CVSM	Value name:					
- L DefaultUserEnvironment	SHA256auth					
>] Description						
> 📙 dotnet	Value data:	Base				
> Google	0	Hexa	adecimal			
> 📙 Helios		ODeci	imal			
> Intel						
> Microsoft		ОК	Cancel			
✓ I Milestone						
> 📙 Installation						
- 1 Milestone Open Network Bridge						
- ServerConfigurator						
📕 XProtect API Gateway						
- 📙 XProtect Log Server						
> 📙 Mozilla						
MozillaPlugins						
- 🧎 Notepad++						
> 📙 ODBC						
> 📕 OEM						
> 📜 OpenSSH						
> 🧎 Partner						
> Policies						
n i i i n n i i i n n i i i i i i i i i						

8. reboot the server, so that the registry take effect

These step will ensure that the SHA256auth protocol would cancel out, effectively allowing Wise to digest the Mileston outputted RTSP.

You may verify if the MD5 authentication protocol is the only protocol running on the Milestone RTSP by testing the following ffmpeg command:



ffmpeg -v trace -i <milestone_RTSP_URL>

e.g.

ffmpeg -v trace -i rtsp://192.168.1.58:554/live/7410822f-5aaa-4b6e-b604b00378310541

Output:

CSeq: 3 Date: Mon, Nov 21 2022 19:19:46 GMT WWW-Authenticate: Digest realm="RtspServerLibrary", nonce="Sv4kDzaJW4zQflwuNKCYcB04cjfXZVVV", algorithm="MD5"



Registering Camera Using RTSP URL

Using a RTSP URL coming from a real camera

- 1. Open the Milestone Xprotect Management Client program
- Browse to Servers —> Recording Servers —> Right click the current server installed
- 3. Select Add Hardware



4. In the "Add Hardware" window, select Manual and click on Next

Add Hardware	— —)	×
	Add Hardware	
\times	This wizard helps you detect and set up hardware.	
JYA	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	
	Remote connect hardware Add hardware connected via a remote connect server	
milestone		
Help	< Back Next > Cancel	

- 5. Uncheck the (Factory default) checkbox
- 6. In the next wizard window, click on **Add** for adding a new credential option
- 7. Input the **username** and **password** that that particular RTSP URL uses
- 8. Click Next

Add Hardware					_	- 🗆	×
Optionally, specify add	itional user credentials to co	connect with if the	e hardware is not using t	he factory defaults.	1	mile	stone
Include User name		Password				Add	
(Factory default)		•••••				Remove	•
2		/					
Help			< Back	Next >	3	Cancel	

8. Select the relevant RTSP communication driver protocol - **universal**

Add Hardware	_		×
Select which drivers to use when scanning for hardware. The more drivers selected, the slower the scanning.		milesto	• one
P Arecont AXIS Bosch □ Canon B·· Hanwha B·· HikVision B·· Infinova B·· JVC B·· Milestone B·· Mobotix B·· ONVIF B·· Panasonic B·· Samsung B·· Other		Select All Clear All	
Help < Back Next >		Cancel	

9. Input the camera's **IP address** and **communication interface port**

10. Click Next

Add I	Hardware					_		×
Ent Op	ter the network add tionally, select the	Iress and port of the hardwa hardware model to speed u	are you want to add p detection.	d.			milest	one
	Address	Port	Use HTTPS	HTTPS port	Hardware model		Add	
•	192.168.1.2	80		443	Universal 1 channel driver $$			
					3			
	Help			< Back	Next >		Cancel	

11. Confirm that the camera was successfully added, by seeing a blue check mark under the Status indicator:

Add H	lardware			_		\times
Wai Onc	t while your hardware is being detected e detection has completed, select whic	h hardware to add.			milesto	one
Detect Add	ed hardware: Address	Port	Hardware model	Status		_
	192.168.1.2	80	Universal 1 channel driver	Success	3	
	ou backware surging on other moderling out					
⊻ 5n	Help	rens	< Back Ne	xt >	Cancel	

12. Enable the Hardware & Camera services

13. Click Next

Add Hardware				×
Hardware and cameras are enabled per d The hardware and its devices will be ass	efault. Manually enable igned auto-generated n	dditional devices to be used. nes. Alternatively, enter names manually.	milest	tone
Hardware name template:		Device name template:		
Default		Default		~
Hardware Camera	Microphone	eaker 🗌 Metadata 🗌 Input	Output	
Hardware to Add	Enabled	Name		
Universal 1 channel driver - 192.168.1.2				
Hardware:		Iniversal 1 channel driver (192.168.1.2)		
Stamera port 1:		Iniversal 1 channel driver (192.168.1.2) - Camera 1		
Microphone port 1:		Iniversal 1 channel driver (192.168.1.2) - Microphone 1		
Help		< Back Next >	Cancel	

14. Create a new Hardware, right click on the Recording server's name and choose "Add Hardware"

Using a RTSP URL coming from a virtual camera

Creating a RAW file

- 1. Obtain a mp4 file
- 2. Preform a clip conversion using VLC:
 - a. Open VLC
 - b. Browse to "Media" -> "convert and save"



- c. Add the relevant mp4 file
- d. Click on **Convert/Save**

🛓 Open Me	dia					-		×
▶ <u>F</u> ile	∕ <u>D</u> isc	₩ <u>N</u> etwork	I Capture	<u>D</u> evice				
-File Sel	ection							
You ca	n select lo	cal files with th	e following li	st and buttons.		1		
C:\Users	\llan\Videos\l	NEC\Car_collision_1	.mp4			+ 7	Add emove	
🗆 Use a	a sub <u>t</u> itle f	ìle				Brov	VSA	
						DIOV	v5e	
□ Show <u>n</u>	<u>1</u> ore optio	ns		2	Convert / S	ave 🔻	<u>C</u> anc	el

- e. Select the "Video H.265 + MP3 (MP4) option" option
- f. Click on the **wrench** Icon

🛓 Convert	—		×
Source			
Source: C:\Users\Ilan\Videos\NEC\Car_collision_1	.mp4		
Type: file			_
Settings			
• Convert			
Display the output			
Deinterlace	2		
Profile Video - H.265 + MP3 (MP4)	- 🔍	× 🗉	
O Dump raw input			
Destination			
Destination file:		Brows	se
	Start	Can	cel

g. Change the encapsulation method to $\ensuremath{\textbf{RAW}}$ option and $\ensuremath{\textbf{save}}$

A Profile edition			— 🗆	×
Profile Name Vide	eo - H.265 + M	IP3 (MP4)		
Encapsulation	Video codec	Audio codec	Subtitles	
O MPEG-TS	○ Webm	○ Ogg/0	Ogm OMP4/MOV	
O MPEG-PS	○ MJPEG	○ WAV	○ FLV	
O MPEG 1	⊖ MKV	• RAW	1 O AVI	
○ ASF/WMV	○ FLAC	○ MP3		
Features				
Video	×	Subtitles	X Streamable	
Audio	×	Menus	Chapters	
			2 Save Can	cel

h. Click on the "**Browse**" to select a destination file, save it in the following directory:

C:\Program Files (x86)\Milestone\XProtect Recording Server\Drivers\NativeDrivers\StableFPS_DATA\Video\H264

Creating a virtual RTSP using the created RAW file:

- Browse to Servers —> Recording Servers —> Right click the current server installed
- 2. In the "Add Hardware" window, select Manual and click on Next

3. In the next wizard window, use the (**Default Factory**) credentials

Add Har	dware				×
Optior	nally, specify additional us	er credentials to connect with if the hardware is not using the factory default	s.	milest	one
Include	User name	Password	- 1	Add	
	(Factory default)	••••••		Remove	
		2			
	Help	< Back Next	t>	Cancel	

Select the relevant RTSP communication driver protocol (Milestone --> Stable FPS)

Add Hardware			_		×
Select which drivers to use when scanning for hardware. The more drivers selected, the slower the scanning.				mileste	one
Arecont Arecont Axis A	3	~		Select All Clear All	
Help	< Back Next >			Cancel	

- 5. input the following information:
 - a. Change the IP address to "local host"
 - b. Find a free port in the machine using (step #6)
 - c. Select "StableFPS" option in "Hardware model"
- Input a free port, check if the port is free, open Task Manager —> Open Resource Monitor —> Network tab —> TCP Connection (if a port is not registered then it is free for utilization)
- 7. Click "Next"



Add Hardware					—		×
Enter the network address and Optionally, select the hardware	port of the hardwa model to speed u	are you want to add. p detection.				milest	one
Address	Port	Use HTTPS	HTTPS port	Hardware model		Add	
/ localhost	100		443	StableFPS 🗸		Remove	
	2			3			
Help			< Back	Next >		Cancel	

8. Click next until you get the below window, check only the HW & Camera options

Add Hardware						×
Hardware and cameras are enabled per defa The hardware and its devices will be assign	ult. Manually enable a ed auto-generated nam	lditional devices to be used. es. Alternatively, enter names manual	ly.		mileste	one
Hardware name template:		Device name template:				
Default	~	Default				~
Hardware Camera Micr	ophone 🗌 Sp	eaker 🗌 Metadata	🗌 Input	0	utput	
Hardware to Add	Enabled Na	ame				^
StableFPS_T800 - localhost						
Hardware:	Sta	bleFPS_T800 (localhost)				
Camera port 1:	👝 🗹 Sta	bleFPS_T800 (localhost) - Camera 1				
A Microphone port 1:	Sta	bleFPS_T800 (localhost) - Microphone 1	1			
🜒 Speaker port 1:	Sta	bleFPS_T800 (localhost) - Speaker 1				
💱 Metadata port 1:	Sta	bleFPS_T800 (localhost) - Metadata 1				
💱 Metadata port 2:	Sta	bleFPS_T800 (localhost) - Metadata 2				
Y Metadata port 3:	Sta	bleFPS_T800 (localhost) - Metadata 3				4
Help		< Back N	lext >	C	Cancel	

- 9. Click Next
- 10. Group the new virtual camera stream under the "Looped Clips" folder

Add Hardware	ani c .		– 🗆 X	Select Group
Select a default group for all devices types. Alternatively, select device group individual	y for each device.		milestone	Cooped Clips
Default camera group:	Devices	Add to Group		
RTSP Streams	Cameras			
Default microphone group:	StableFPS_T800 (localhost) - Camera 1	Default Group	~	
No group selected				
Default speaker group:		1		
No group selected				
Default metadata group:				
No group selected				
Default input group:				
No group selected				
Defende entert				
No group selected				
				-
Help	< Back	Finish	Cancel	

- 11. Click finish
- 12. Select the **new created HW**, browse to the "Settings" tab
 - a. Choose the "H264" option under the "VideoCodec" field
 - b. Select the the source .RAW file you wish to play from under the VideoH264Files field



c. Save the changes

13. Rename the camera according to the guid that the Milestone VMS generated:

- a. Open ONVIF Device Manager
- b. copy the guid
- c. Past the guid description instead of the original camera name



Obtaining the RTSP Milestone stream for the Wise application

- 1. Verify that the Network Bridge is operational
- 2. Open ONVIF Device Manager



3. Login using "Open Network Bridge" credentials

Enable Recording and Motion functions

In any RTSP setup (virtual or real camera), enable the recording and Motion functions:

- 1. Open Milestone Xprotect Management
- 2. Browse to "Servers" -> "Recording Servers" -> relevant camera
- 3. Enable the Recording function



4. Enable the Motion function





Enabling ONVIF Bridge Service

Create an ONVIF Bridge User

These credentials makes it possible for the user to utilize the ONVIF capabilities, providing an local RTSP URL for the integration usage.

- 1. Open Milestone XProtect Management Client program
- 2. Browse to Security -> Basic User, add a new basic user



3. Establish the new basic user, by designating a username and password, make sure to uncheck the "Force Basic User to change password on next login"

New Basic User	×
User name:	
usemame	
Description:	
	^
Password:	
Repeat password:	
Force Basic User to change password on next login	
Status: Enabled ~	
ОК	Cancel

 Browse to Security —> Roles —> click Add, and assign the new user with Administrator privileges



Enable Network Bridge Servers

- 1. Make sure that Milestone Open Network Bridge is working
- 2. Browse to Server -> Open Network Bridge Servers
- 3. Right click and add a new server



4. Confirm that the following infomration is add as in the picture below

ONVIF Bridges - +	ONVIF Bridge Information	¥
ONVIF Bridges • ₹	ONVIF Bridge Information Open Network Bridge settings ONVIF port: RTSP port: Enable WS-Discovery Default camera settings (as reported to the ON Max days of retention: Frames per second: Width: Height:	580 554 30 5 1920 1080
	Height: Bitrate kbps: GOP size: Codec:	1080 512 5 H 264 Baseline Profile H 264 High Profile H 264 High Profile H 264 Extended Profile V Use configurations from cameras
	Real Time Streaming Protocol settings Skip gaps in recordings Repeat frames Maximum time between frames.	350 💌 ms

Adding Milestone User to Open Network Bridge



- 1. Open Milestone Open Network Bridge Manager
- 2. Right click the lower icon, and select "Configurations", change the "Management server" to the local host server's IP address

lanagement server:	http://192.168.1.58		3		
nclude sub-sites:					
og level for Open Network Bridge:	Information	~			
og level for RTSP:	Information	~			
	OK Cance	4			
				Start Open Network Bridge service	
				Start Open Network Bridge service Stop Open Network Bridge service Restart Open Network Bridge service	
Remove			2	Start Open Network Bridge service Stop Open Network Bridge service Restart Open Network Bridge service Configuration	
Remove			2	Start Open Network Bridge service Stop Open Network Bridge service Restart Open Network Bridge service Configuration Manage ONVIF client users	
Remove			2	Start Open Network Bridge service Stop Open Network Bridge service Restart Open Network Bridge service Configuration Manage ONVIF client users Show latest Open Network Bridge log Show latest RTSP log	1
Remove	ice 🕸 PTZ 🔇 Speech 📈 Remote Recordin	ngs 🏢 Smart We	2	Start Open Network Bridge service Stop Open Network Bridge service Restart Open Network Bridge service Configuration Manage ONVIF client users Show latest Open Network Bridge log Show latest RTSP log About	arms J ¹ ccess

3. Right click the lower icon, and select "Manage ONVIF client users", add credentials of the the basic user.

wise	3			
Password:				
Ad	ld user			
UNVIF client users				
wise				
Rem	ove user			
011				
ОКС	ancel			
			Start Open Network Bridge service	
			Start Open Network Bridge service Stop Open Network Bridge service	
			Start Open Network Bridge service Stop Open Network Bridge service Restart Open Network Bridge service	
			Start Open Network Bridge service Stop Open Network Bridge service Restart Open Network Bridge service Configuration	
		2	Start Open Network Bridge service Stop Open Network Bridge service Restart Open Network Bridge service Configuration Manage ONVIF Client users	
		2	Start Open Network Bridge service Stop Open Network Bridge service Restart Open Network Bridge service Configuration Manage ONVIF client users	
		2	Start Open Network Bridge service Stop Open Network Bridge service Restart Open Network Bridge service Configuration Manage ONVIF Client users Show latest Open Network Bridge log	
		2	Start Open Network Bridge service Stop Open Network Bridge service Restart Open Network Bridge service Configuration Manage ONVIF client users Show latest Open Network Bridge log Show latest RTSP log	
scurity 🚭 Device 🚭 PTZ 🧐	Speech 🥳 Remote Reco	ordings I Smart Wall	Start Open Network Bridge service Stop Open Network Bridge service Restart Open Network Bridge service Configuration Manage ONVIF client users Show latest Open Network Bridge log Show latest RTSP log About	arma Access Control

Testing ONVIF RTSP

1. Open ONVIF Device Manager



1. Login with the basic user credentials

O DNWF Device Manager v2.2230	- ø ×
wise Login Memmber	🧔 🗶 🔯
Device lat (
Unite Control of Cont	
Immune Concerner	
Address 102.181.54 F380000000 Location city/hangbou	
05-20733F-0	
Ensure the second	
Dearlies technical presidentiation	
Table Refersh	

2. Click on the Add button and change the URL to the following format

http://<localhost_IP>:<ONVIF_port>/onvif/device_service e.g. http://192.168.1.58:580/onvif/device_service



To verify that the Milestone RTSP URL is operational, browse to the Onvif device list
 —> select one of the cameras —> Live video —> copy the RTSP URL



4. Check the URL on VLC or a 3rd party program





Enabling Analytics Events -Milestone

Open Firewall Windows Port:

- 1. Open Windows Defender Firewall with Advanced Security
- 2. Establish inbound and outbound rules of the following ports:
 - a. RTSP port 554
 - b. Analytics port 9090

Enable the Analytic Events Service:

- In Milestone Xprotect Management Client go to Tools —> Options —> Analytics Events tab
- 2. Enable port 9090
- 3. Click OK

Milestone XProtect Management Client 2022 R1	- σ ×
File View Action Maintenance Tools Help	
8 9 8 • # 1	
Site Navigation 🚽 🕈 Basic User 🚽 🗣	Basic User Settings 👻 🔻
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🕀 🛄 Basics 😫 viisights	visights
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- 🕫 Cameras	Analytics events
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Client	Expert allowed from-
Smart Wall	Al network addresses
- Pa View Groups	Constitution without without
- 😥 Smart Client Profiles	
Management Client Profiles	Address
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Rules and Events	Inport
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Analytics Events	
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- P Evidence Lock	
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- Access Control	
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Ell Transaction sources	
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Site Navigation Federated Site Hierarchy	
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Modify the Alarm Data Settings

- 1. Browse to Alarms --> Alarm Data Settings --> Alarm List Configuration
- 2. Add "Type" & "Tag" columns to the "Selected columns"



Create an Analytic Event:

- 1. Browse to Rules and Events -> Analytics Events
- 2. Right Click "Analytics Event"
- 3. Click on Add New

Milestone XProtect Management Client 2022 81	– a ×
File View Action Maintenance Tools Help	
	And the Description
Stervargabon	Analysics Events information
DERTEC-UG905N8-(22.18)	Name:
Carla Carlas Information	
Site Information Collapse	Tast Econt
Remote Connect Services	Truck set Auto
Add New Ctri+N 4	Description:
🕀 🗓 Servers 🧟 Refresh F5	
- 🖞 Recording Servers	
Failover Servers	
Mobile Servers	
A Deniver Bridge Servers	
Microshops	-
Speakers	
- 🐨 Metadata	
- do Input	
- 🥹 Output	
다 넥 Chent	
Mart Vall	
Support Class Brooklan	
Management Client Profiles	
Cit Marin	
E Rules and Events	
Time Profiles	
Notification Profiles	
User defined Events	
Analytics Events	
e 🚓 Security	
- Roles	
🗆 🤱 Basic Users	
C System Dashboard	
Current Tasks	
System Monitor	
System Points The Solution Solution	
Configuration Reports	
Fin Server Logs	
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4. Input the name of the Event in the following format



Viisights Analytic Alarm - <class_in_capital_letters> e.g. Viisights Analytic Alarm - PEOPLE_FIGHTING

Create an Alarm

- 1. Browse to Alarms —> Alarm Definitions
- 2. Right click Alarm Definitions and add a new alarm



- 3. Fill in the following data:
 - a. Check the enable checkbox alarm
 - b. Name of the Alarm
 - c. Select the trigger event
 - d. Choose the specific Analytic event
 - e. Select the camera source

Milestone XProtect Management Client 2022 R1				- a ×
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License Information	Alarm Definitions	Aarm definition	0	
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Servers		Harro.		
1 Recording Servers		Instructions:		^
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E & Devices		Triggering event:	Analytics Events	~
Cameras			Northe Ander New DEDIT DOUTING 3	
Speakers			Veigns Anayte Nam - PEOPLE_Plan IIVa	÷
- Metadata		Sources:	StableFPS_T800 (ocalhost) - Camera 1	Select
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Management Client Profiles			unop.	
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Rules and Events		Alarm manager view:	O Stratt map	
- 🔃 Rules		-		
- 😁 Time Profiles			Map	
- Notification Profiles		Belated map:		~
Vser-defined Events				
Analytics Events		Operator action required		
E en Security		line int:	1 minute	~
Roles		Events triggered:		Select
- 8 Basic Users		21		
🕀 🕥 System Dashboard		oue		
Current Tasks		Related cameras:	Unknown Rem	Select
System Monitor		Initial alarm owner:		~
System Monitor I nresholds Suidense Look		Initial alarm priority:	1 High	~
Configuration Reports		New others		
Server Logs		Harm category:		~
🕀 🐨 Metadata Use		Events triggered by alarm:		Select
- 💐 Metadata Search		Auto-close alarm:		
Access Control		Alarm assignable to Administrators		
E 54 Transact				
Transaction sources				
Refinitions				
- 👧 Alarm Data Settings				
- 13 Sound Settings				
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Site Navigation Federated Site Hierarchy				
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Wise Connector Configurations

Setting up the wise connector infomration:

- 1. Open the wise application
- 2. In Wise, browse to "System Settings" -> "Connectors" -> "Milestone"

Milestone
Wiedow Conscior
IP Of the Milestone Server
192.168.1.50
Xiholect Hort Number
80
Part Of the Mikedone Invest Server
9090
APTOREC Username to Authenticate
wse
Ximplect Password to Authenticate
Wise 1234
Version
v1.0
Venior
Include 1999
The second second
Usable Sending Inscis for Analytic byents
Faite tiggen sending multiple track events.
Freme Hale Of BS For brents in Millseconds
250
Adjust I met yrch Mitseconde
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
Marge starms with similar events in close time proximity
Faite triggen and alarms with similar events in close time proximity
Nerge Alerma With Similar Events In Time Procently Lease Than:
2000
tange same with simor events that appear in time provinity of less than X to each other
Set alarm mag to "recepits analytic event - (class-name)"
True biggers sending starms with mag name containing their class
🖌 auto Reguler
auto Register
wuto Update
auto Updata
auto Shart
auto Start
🗹 wito Devilia
auto Disattia
Meeton Pre Fix Port
654
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3. input the below information

Field	Value	Note
IP Of The Milestone Server	192.168.1.50	IP of the Milestone server

Field	Value	Note
XProtect Port Number	80	IP port in charge of communication with Wise UI
Port Of The Milestone Event Server	9090	Set on the XProtect Management Client
XProtect Username To Authenticate	wise	Currently not relevant
XProtect Password To Authenticate	Wise_1234	Currently not relevant
Version	v1.0	
Disable Sending Tracks for Analytic Events		Currently not relevant
Frame Rate Of BB For Events In Milliseconds	250	
AdjustTimeSyncInMilliseconds	0	
Merge alarms with similar events in close time proximity		
Merge Alarms With Similar Events In Time Proximity Less Than:	2000	
Set alarm msg to "viisights analytic event - (class-name)	Mark as checked	

4. Click the save button to apply the changes

Setting up the wise Camera connector infomration:

- 1. Browse to "System Settings" -> "Camera Connectors" -> "Milestone"
- 2. Click the ADD button to attach the relevant camera
- 3. Click the save button to apply the changes

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Registering Milestone Stream in Wise

In order to view the Wise alerts in the Milestone Xprotect Client, the following settings must be implemented

- 1. Register the Milestone RTSP in Wise's content management
 - a. On the Open ONVIF application, copy the session ID allocated by the Xprotect program
 - b. Go to Milestone Server —> Open ONVIF Device Manager —> click on the relevant live video camera stream —> copy the RTSP's session ID, highlighted in yellow below



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 In Wise, rename the relevant camera's ID to RTSP's session ID, Go to Wise —> Content Managment —> Camera's settings —> rename the ID

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 In Milestone Xprotect, rename the device & camera name to the TSP's session ID, Go to Xprotect Managment server —> Servers —> recording servers —> rename both Device and Camera name to



Milestone Xprotect Smart Client

- 1. Open Milestone Xprotect Smart Client
- 2. Browse to Alarm Manager, right click the filter title
- 3. Add Tag & Type



Create Alarm Video on XProtect Smart Client

1. Open the XProtect Smart Client, switch to Setup mode

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

