Orbnet Systems are proud to Present: The Alarm Server





Table of Contents

What	What is The Alarm Server?2				
Currer	Current list of supported features and protocols:3				
Installat	Installation3				
License .	License				
Alarm S	erver Transmitter5				
Accou	nt Info5				
Α.	Account Number				
В.	Connection Settings				
С.	Connection Settings (Backup)5				
D.	Customization5				
E.	Encryption Settings (Optional)5				
F.	Global Connection Settings				
G.	Keep Alive Settings				
Testing .					
Exam	ples7				
Alarm C	onfiguration – Simple mode7				
Settin	g up the categories7				
Config	guring the alarm definitions				
The Alar	m Server – SIA-DCS Receiver9				
Adding an alarm panel9					
Adding alarm points10					
Adding alarm points on a Milestone Map10					
Debuggi	ng11				
Alarm S	erver Devices12				
Alaı	Alarm Server Points Configuration12				
Alarm Server Devices inputs on a map13					
Sup	Supported Devices14				

What is The Alarm Server?

The Alarm server is a single .msi that is installed on the same machine as the Milestone XProtect Event Server.



Current list of supported features and protocols:

- SIA-DCS and Contact ID protocols for sending alerts to alarm monitoring stations (no hardware required).
- SIA-DCS alarm receiver. You can configure up to 1000 alarm points per alarm panel and place them as sensor on XProtect maps. You can associate cameras to your alarm points and select an icon for each alarm point.

Installation

Everything you need to install The Alarm Server is self-contained in the "AlarmServerSetup.msi"

- right click the .msi and hit install. The installer will prompt you to restart the Event Server.

We have been able of DBNET Alam Sever for XPhote to be blocked or your compared or your com	ORBNET Alarm Server for XProtect - X	🐻 ORBNET Alarm Server for XProtect — 🗌 🛛 🕹
The backet will had a puic hours the heap request do indial DBMET Alem Stever the backet any your computer. We be any our computer. We be any our computer in the principal apprincipal	Welcome to the ORBNET Alarm Server for XProtect Setup Wizard	Select Installation Folder
be XPBuild of your songulati. WXPNNC: This songular program is posterior by reprogram and presented of the maximum environment posterior mathematical and the protocol of the maximum environment posterior mathematical and the mathematical and the protocol of the mathematical and	The installer will guide you through the steps required to install ORBNET Alarm Server	The installer will install ORBNET Alarm Server for XProtect to the following folder.
With the server for XPhoted is being included. Continue issues for XPhoted is being included. Continue issue for XPhoted is being included. Contract is being inc	for XProtect on your computer.	To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".
WNNND: The compare program is president by copylight less and vibrational less president is watered of distributions of the program. If we is not any postion of it, more president is watered of distributions of the program. If we is not any postion of it, more postions of it, more postions.		Eolder:
<pre>Wahned The computer program is projective by copyright team and the serve fragments on a projective by copyright team and the provide team on an order of the serve fragments on a projective by copyright team and the provide team on a order of the serve fragments on a projective by copyright team on a proje</pre>		C1Program Files)Milestone\MIPPlugins\ORBNET\Alarm Serve Browse
Webler, The compare program is probable by comprightion and isomethod webler, the compare program is probable by comprightion and isomethod webler, and will be provided to the maximum and webler isomethod isomethod. Image:		Disk Cost
CREATE Alarm Server for XProtect Confirm Installation Confirm Installation Confirm Installation Confirm Installation Create the XProtect Alarm Server for XProtect Confirm Installation Create the statistics Control Control <p< td=""><td>WARNING: This computer program is protected by copyright law and international reaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.</td><td>Install ORBNET Alarm Server for XProtect for yourself, or for anyone who uses this computer:</td></p<>	WARNING: This computer program is protected by copyright law and international reaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.	Install ORBNET Alarm Server for XProtect for yourself, or for anyone who uses this computer:
ORBMET Alarm Server for XProtect Constraining Server for XProtect and Server for XProtect on your computer. The installation	<back next=""> Cancel</back>	<back next=""> Cancel</back>
ORBNET Alarm Server for XProtect Confirm Installation The installer is ready to install OPBNET Alarm Server for XProtect on your computer. Cities: New' to start the installation. OPBNET Alarm Server for XProtect is being installed. OPBNET Alarm Server for XProtect is being installed. OPBNET Alarm Server for XProtect is being installed. OPBNET Alarm Server for XProtect is being installed. This plugin requires an Event Server service restart. Would you like us to restart it for you now? Yes No Plase use Windows Update to check for any otical updates to the NET Framework.		
confirm Installation Installation Installing ORBNET Alarm Server for XProtect ORBNET Alarm Server for XProtect is being installed. Please wat Rester for XProtect is being installed. Please wat Rester for XProtect is being installed. Please wat This plugin requires an Event Server service restart. Would you Installation Complete ORBNET Alarm Server for XProtect has been successfully installed. Please wat Please wat Please wat Please wat Installation Complete Please wat Please wat	ORBNET Alarm Server for XProtect - X	ORBNET Alarm Server for XProtect O
The installer is ready to install ORBNET Alarm Server for XProtect on your computer. Click: "Next" to start the installation.	Confirm Installation	Installing ORBNET Alarm Server for XProtect
lick 'Need' to start the installation.	he installer is ready to install ORBNET Alarm Server for XProtect on your computer.	ORBNET Alarm Server for XProtect is being installed.
Please wall Please wal	lick "Next" to start the installation.	
< Back Next> Restart Event Server? Cancel * ORBNET Alarm Server for XProtect Installation Complete ORBNET Alarm Server for XProtect has been successfully installed. Clock Please use Windows Update to check for any critical updates to the .NET Framework. < Back		
Pleasant Event Server : c restart. Would you like us to restart it for you now? Yes No Please use Windows Update to check for any critical updates to the .NET Framework. Cloce Cloce Clanced Core Clanced	<back next=""> Cancel</back>	< Back Next >
This plugin requires an Event Server service restart. Would you Iversity Yes No Please use Windows Update to check for any critical updates to the .NET Framework. Iversity	Restart Event Server? – – ×	💕 ORBNET Alarm Server for XProtect — 🗌 🗙
This plugin requires an Event Server service restart. Would you like us to restart it for you now? ORBNET Alarm Server for XProtect has been successfully installed. Yes No Please use Windows Update to check for any critical updates to the NET Framework. Close Close Close		Installation Complete
Ike us to restart it for you now? Cick "Close" to exit. Yes No Please use Windows Update to check for any critical updates to the NET Framework. < Back	This plugin requires an Event Server service restart. Would you	ORBNET Alarm Server for XProtect has been successfully installed
Yes No Please use Windows Update to check for any critical updates to the .NET Framework.	like us to restart it for you now?	Click "Cloce" to avit
Yes No Please use Windows Update to check for any critical updates to the .NET Framework. <back cancel<="" close="" td=""><td>-0</td><td>CITY CITY IS ANY CITY</td></back>	-0	CITY CITY IS ANY CITY
Please use Windows Update to check for any critical updates to the .NET Framework.	Yes No	
Please use Windows Update to check for any critical updates to the .NET Framework.		
< Back Close Cancel		Please use Windows Update to check for any critical updates to the .NET Framework.
		< Back Close Cancel



License

After installing The ORBNET Systems Alarm Server, a 30day trial is initiated. The number of testing days remaining in the trial will appear in a popup window every time you open this page. You must make sure the features you want to use are activated in the list below. If the page is blank, re-open the management client and run as "Administrator".



When you decide to purchase a license, simply select the features want to use and add the values, complete the "Client Name" field and press the "Generate License Request File" button. This will prompt you to save the license on your hard drive. Send an email with the license request (license.aslr) to <u>purchase@orbnetsys.com</u> and our purchase department will send a quotation or invoice depending upon the request. Once the payment is sent, please send another email to <u>purchase@orbnetsys.com</u> allowing 1 business day to deliver you the license to you.



Please restart the Event Server after making changes to the license or when opening this page for the first time.



Alarm Server Transmitter

This page allows you to configure multiple Alarm Receiving locations for the ORBNET Alarm Server to transmit/send SIA and/or Contact ID alarms. Click "Add New" and fill in the relevant information using the box on the far right.

Milestone XProtect Management Client 2020 R3		्	1				-	٥
File Edit View Action Tools Help								
8 9 🕢 🗢 🛍								
Site Navigation - 4 × Alarm Ser	rver Transmitters 👻 🤻 🛛 Alarm Serve	r Transmitters Information						
	Iam Server Transmitters) AlarmServer_SIA	Configure & Test Prog	SIA-DC	:09 an	d Contact IE	O Configuration	page	
Comparison Properts Comparison Properts Server Logs Matedata Use Matedata Use Matedata Search Concol Tannact		Configure This page will allow y transmission settings. New" button and con information delivered I Add New	au to configure and te Add a new connection figure your connection sy your Alarm Monitori	at your SIA ali n by clicking (n settings acc ng Center	arm on the "Add ording to the Delete	Account Info Account Number Account Prefix Connection Name Receiver Number	270206 L0 my_ARC R0	
Transaction definitions		Name	Protocol	Protocol TCP/UDI	P/UDP Address	Put Address	181 35 64 22	
🕀 🔼 Storage Bridge		and ADC	SIA DOS	TCP	101 25 64 22	Local Port	0	
- Carlo Administration		my_And	30-003	IGF	101.30.04.22	Port	33222	
Disaster Recovery Extension ORBNET Plugins Aarm Server License						Connection Settings IPv4 Address Port Customization	(Backup) 0.0.0.0 33221	
- Alarm Server Transmitters						Custom Model	(Ontine al)	
Alarm Server Receivers						Encryption Settings	(Optional)	
- Alarm Server Models / Templ						Use Encryption	False	
Alarm Server Devices						V Global Connection S	iettings	
Orb Driver License Settings Paxton Access						Connection Name		an in a fat
🕀 🧶 Alarms 🗸 🗸		<			,	unoose a name that will help	you recognise this connects	on in å list.

Account Info

A. Account Number

- i. Commonly a 6-digit code provided by your alarm monitoring station. This number identifies you to the monitoring center.
- ii. The account number prefix. Usually "L0" unless your alarm monitoring center indicates otherwise.
- iii. Choose a name that will help you recognize this connection in a list
- iv. The receiver number. Usually \"R0\" unless your alarm monitoring center indicates otherwise.

B. Connection Settings

- i. The IPv4 address of the alarm monitoring station.
- ii. The local port number of the alarm monitoring station
- iii. The port number of the alarm monitoring station

C. Connection Settings (Backup)

The backup settings are used for redundancy. The Alarm Server will attempt to send the alarm 3 times at 30s intervals before using the backup.

- i. The IPv4 address of the alarm monitoring station.
- ii. The local port number of the alarm monitoring station

D. Customization

i. Custom Model – (specific for custom developments of the alarm server)

E. Encryption Settings (Optional)

i. Select \"True\" if the alarms are to be encrypted. For this, you will need a 128 or 256 bit encryption key from your alarm monitoring company"



F. Global Connection Settings

- i. Alarming Protocol The alarm protocol used. Supported protocols include SIA-DC09 and Contact.
- ii. Network Protocol The network protocol used. Supported protocols include TCP and UDP

G. Keep Alive Settings

i. Active – True/False | Encrypted – True/False and interval time in minutes

Testing

To test the SIA-DC09 or Contact ID connection, select a receiver from the "Configure" list above and press the "Test Send" button. Please warn the alarm monitoring station before sending the message or use a test code (like 600) to avoid causing panic. If your alarm monitoring station does not receive the alarm, try disabling the encryption or removing the extension data. When you click "Test Send", the alarm being sent will be presented to you. At this point, you can "paste" the message in a text editor. Once you click ok, the message will be sent. Any errors will be displayed to you. If you receive a message that contains an "ACK", you can be sure that the alarm has been properly received.

Event Point			
		Response from server	
Used to describe the group or point on which the event occured.	0		
Sequence Number			
Should be incremented after each message is sent (can be left at zero for testing)	0		
Test SIA Protocol			
SIA Alarm Criteria		^	RP
2 letter code used to indicate	the type of alarm.	~	1
Send Extension Data			[H13-59-58 12 - 31 - 2012][[2nd Boor Weet PIR]
Send Extension Data	nd with the Clá storm if www.storm	menitorina atalian a or -4- 3	[H13:59:58, 12 - 31 - 2012][[2nd Floor West PIR] [\$123Main St., 55123][OIDS Center][L3rd Floor Hallway]
Send Extension Data A list of extensions can be ser Typical data can include floor The first letter following a [is t	nd with the SIA alarm if your alarm , building, address, GPS coords, he identifier. The identifier can be	monitoring station supports it. tc each enclosed in []. any letter from G to Z.	[H13.5958, 12 - 31 - 2012][[2nd Roor West PIR] - [5123Main St. 55123][OIDS Center][L3rd Floor Hallway] [R2322]
Send Extension Data A list of extensions can be ser Typical data can include floor The first letter following a [is t Test Contact ID protocol	nd with the SIA alarm if your alarm , building, address, GPS coords , he identifier. The identifier can be	monitoring station supports it. etceach enclosed in []. any letter from G to Z.	[H13:59:58, 12 - 31 - 2012][[2nd Roor West PIR] [S123Main St., 55123][OIDS Center][L3rd Roor Hallway] [R2322]
Send Extension Data A list of extensions can be ser Typical data can include floor The first letter following a [is t Test Contact ID protocol Event Definition Code Values from 0.999 used to ind	nd with the SIA alarm if your alarm , building, address, GPS coords, he identifier. The identifier can be identifier to be alarm	monitoring station supports it. etc each enclosed in []. any letter from G to Z.	[H13:59:58, 12 - 31 - 2012]][2nd Floor West PIR]
Send Extension Data A list of extensions can be set Typical data can include floor The first letter following a [is t Test Contact ID protocol Event Definition Code Values from 0-999 used to ind http://lbrary.ademconet.com/	nd with the SIA alarm if your alarm , building, address, GPS coords, he identifier. The identifier can be icate the type of alarm. <u>MWT/fa2/MXS000/List of Conta</u>	monitoring station supports it. ttc each enclosed in []. any letter from G to Z.	[H13:59:58, 12 - 31 - 2012][[2nd Roor West PIR] [S123Main St., 55123][OIDS Center][L3rd Roor Hallway] [R2322] 600



Examples

A list of common alarm codes can be found for both SIA-DC09 and contact ID using these links:

http://www.nexgenerationcentral.com/Portals/7/sia_library.pdf

https://www.emergency24.com/images/pdf/Contact-ID-codes.pdf

Please check with your local alarm monitoring center to make sure these codes comply with their expectations.

Alarm Configuration – Simple mode

In simple configuration mode you can quickly setup SIA alarms for new and existing alarm definitions. The idea is to use the data contained inside XProtect Alarm definitions to generate SIA alarms.

Setting up the categories

The category is very important to send alarms. You must make sure to create the Category with the following template:

<Account number>_<Alarm criteria>

- The Account number must be a valid 6-digit account number that has been preconfigured in the SIA configuration tab.
- The alarm criteria is a 2 digit code (capital letters) describing the type of alarm.
- Make sure there is an underscore (_) between the account number and the alarm criteria.

Milestone XProtect Management	t Clien	t 2020 R3					
File Edit View Action Tools Help							
Site Navigation - 7 ×	Config	uration					
🖃 📢 ORB-826-3E9 - (20.3a)	Alam	n Data Levels	Nam List Configuration Reas	ons for Closing			
🕑 🛄 Basics							
B Remote Connect Servic Priorities							
B Servers		Level 4	Name	Sound	Repeat sound	Enable desktop notifications	
E Client	•	1	High	Windows Beep \checkmark			
Rules and Events		2	Medium	~			
B of Security		3	Low	~			
System Dashboard	•			~			
Server Logs							
🕀 🦉 Metadata Use							
Access Control							
E Storage Bridge							
ORBNET Plugins							
Alarm Server Licens	0	To display desk	top notifications for new alarms	, desktop notifications must be enabled in	the Smart Client profiles.		
- O Alarm Server Trans	Sate	es.					
⊕ O Alarm Server Recei		Level 4	Name				
Alarm Server Model		1	New				
Orb Driver License	Ľ,		h				
Paxton Access	4 in progress						
🖃 🦪 Alarms							
- 🛃 Alarm Definitions	11 Losed						
- 👧 Alarm Data Settings							
- 7 Sound Settings	Sound Settings						
	Cate	rodes					
		Level 4	Name				
		1	159263 BR				
	1 ÷	1	147258 BA				
		1	212121_BA				
I I							



Configuring the alarm definitions

Any alarm definition created using the custom categories you have implemented in the step above can be used to generate SIA alarms. Make sure you select the right Alarm Category and that the Time profile is active when you are making tests. All of Milestone's events are available, including any events added by installed 3rd party plugins. You can easily test your alarms using "External Events" that can be added and triggered in the "User-defined Events" tab.

Re End Verde Alexes Des Megerer Frankensen Re Ender Des Megerer Franke	Milestone XProtect Management Client 2020 R	3		Q	- 0
Image: Image	File Edit View Action Tools Help				
Set Network I Network Network Image: Im	🖬 🦻 🕝 🗢 🛍				
Matche Am dateur Base Am dateur Desc Am dateur Base Base	Site Navigation 👻 🖣 🗙	Alarm Definitions 👻 🖗	Alarm Definition Information		
Insert Term	- ♥ Metadata ∧ - ✔ Input - ♀ Output	Alarm Definitions	Alam definition Enable:		
Seven Clean Fullies	e 🖳 Client		Name:	Test	
A Max all Toger A Max all Toger A Max all Toger A Max all Toger A Max all Second A Max all	- III Smart Wall - Mew Groups - Smart Client Profiles - Management Client Profiles		Instructions:		
In Rue ard benis	Matrix		Trigger		
indefinition indefinition <td>Rules and Events</td> <td> </td> <td>Triggering event:</td> <td>Extensi Events</td> <td>~</td>	Rules and Events		Triggering event:	Extensi Events	~
Advance family Advan	Notification Profiles		Sources:	Camera Fault 2233	Select
Sense Carelo Sense Carelo Sense Carelo Sense Carelo System Dabbadd System Dabbadd System Dabbadd System Carelo	Oser-defined Events Analytics Events				
Search Image: Search Image: Search Search Search <t< td=""><td>Generic Events</td><td></td><td>Activation period</td><td></td><td></td></t<>	Generic Events		Activation period		
Aller Bate State Users System National System National <td>🕀 🐗 Security</td> <td></td> <td>Time profile:</td> <td>Aways</td> <td>~</td>	🕀 🐗 Security		Time profile:	Aways	~
Basic Uses Sum Diskoded Sum Diskom Sum Diskoded Sum Diskom Sum Diskom Sum Disko	- 👫 Roles		O Event based:	Stat:	Select
Constitution Constatistitution Constitution Constitution Constitution	Basic Users		-		
Space Note: Space Note: </td <td>Current Tasks</td> <td></td> <td></td> <td></td> <td></td>	Current Tasks				
Nation Search Nation Rescience Nation Rescience Carl Rowson and Lat Operator Rescience Transaction Rescience Nation Rescience Nation	System Monitor System Monitor System Monitor Thresholds Ceffectuation Look Configuration Reports Server Logs Wetadata Use		Map An alarm only appears on the smart map if at l Alarm manager view:	aat one source of the alam is a caneea.	
Access Corpel Pater Region Descent access Image: Descent access Descent access <td>Metadata Search</td> <td></td> <td>Deleted even</td> <td>For Showman and List</td> <td>~</td>	Metadata Search		Deleted even	For Showman and List	~
Testion storm Testion storm Testion storm Testion Testingend by dam: <td>Access Control</td> <td></td> <td>reated map.</td> <td>Lease of information in a loss</td> <td></td>	Access Control		reated map.	Lease of information in a loss	
Transform definitions Time finds Impade Impade Impact Transform definitions Exercite togened: Select. Impact Transform definitions Select. Impact Trans	Transaction sources		Operator action required		
Songe frige Event Stogend: Songe frige Event Stogend: Songe frige Event Stogend: Songe frige Songe frige Songe frige<	Transaction definitions		Time limit:	1 minute	~
Administration Other Administration Relief Camerat: Administration Relief Camerat: ORDER/F Digiting Relief Camerat: Atministration Relief Camerat:	🕀 📫 Storage Bridge		Events triggered:		Select
• Statisf Recovery • Statisf • Other Program • Other Pro	- Administration		Other		
¹ O Standson	Disaster Recovery		Contain the second seco		
Versition Versition Versition Versition	Extension		Helated Cameras:	3 Kems selected	Select
Image: Server Transmitters Intel Jams pictry: Image: Server Transmitters Intel Jams pictry: Image: Server Model Nams Image: Server Model Nams Amm ctrapy: Image: Server Model Nams Image: Server Model Nams Image: Server Model Nams Server Model Nams Image: Server Model Nams Image: Server Model Nams Image: Server Model Nams Server Model Nams Server Model Nams Image: Server Nams Image: Server Model Nams Server Model Nams Server Model Nams Server Image: Server Model Nams Amm ctrapy: Image: Server Nams Server Image: Server Model Nams Amm ctrapy: Image: Server Server Image: Server Model Nams Amm ctrapy: Image: Server Server	Alarm Server License		Initial alarm owner:		~
Image: State	- 🖸 Alarm Server Transmitters		Initial alarm priority:	1.12-6	~
Am Sarver Models / Template Events Moguned by alam: Select Image: An Sarver Model / Template Events Moguned by alam: Select Image: An Sarver Model / Template An Sarver Model / Template Select Image: An Sarver Model / Template An Sarver Model / Template Select Image: An Sarver Model / Template An Sarver Model / Template Select Image: An Sarver Model / Template An Sarver Model / Template Select Image: An Sarver Model / Template An Sarver Model / Template Select Image: An Sarver Model / Template An Sarver Model / Template Select	Alarm Server Receivers		Alam category:	212121 BA	~
Image: Section of the United Section of the Unite	Alarm Server Models / Templates				
Paron Access Ano close dam Ano clos	Alarm Server Devices Alarm Server Devices Orb Driver License Settings		Events triggered by alarm:		Select
a de Alemana Alemana Alemana Alemana assignable to Arivinatatora: de Baram Buttintora age Aleman Deas Settings	Paxton Access		Auto-close alarm:		
Sound Settings	Aarms Aarms Aarms Aarm Definitions Aarm Data Settings Sound Settings		Aam assignable to Administrators:		
S Nevigeon Federated Site Herardy	Site Navigation Federated Site Hierarchy	1			

The SIA alarm will look something like this:

FE3800A3"SIA-DCS"0000R0L0#212121[#212121|NBA001][IAlarmName: Test, AlarmType: External Event, Source: SmartWall1][GUID cam1, GUID cam2, GUID cam3, etc...]_11:30:49,04-15-2019

The extension data will contain the Alarm Definition name, the source type and the source name, followed by the comma delimited GUID of attached cameras. The camera GUID's are generally used by the monitoring station in combination with Milestone SDK to view cameras when alarms are triggered. Orbnet RTSP Server may also assist with this feature is required, please write to info@orbnetsys.com for further information.



The Alarm Server – SIA-DCS Receiver

Adding an alarm panel

When activated, this feature turns Milestone into a supervisor for any compatible SIA-DCS alarm panel. To add a panel, start by selecting the "Alarm Server Recievers" node, right click on the top node and select "Add New".

Fill in all the field. A detailed description is available for each field in the help box. You may need to expand the help box if some text is cut out.

To the far right and to aid configuration there is a logger that will display the last 1000 messages since the Milestone Event Server was last started.





Adding alarm points

This page allows you to add and configure alarm points. Click the "Add New" button by right clicking on the panel you added, select it and you can fill in the information. Each point is characterized by it's unique "Point Number" ranging from 0-999. You can choose if you want the alarm to be triggered by a SIA code or by a match in the text field. This can be useful to differentiate warning from alarms. Changing the "Zone Type" will change the icon for the alarm point.

There is a help list of supported SIA codes along with their names and descriptions included at the bottom of the page. If you use a code in this list, the name and description will appear in the Milestone Alarm description.

You do not need to create any alarms in the Milestone alarm definitions tab for these alarms to be activated and display icon status in the Smart Client.

Milestone XProtect Management Client 2020 R3	©	
File Edit View Action Tools Help		
8 9 0 • M		
Site Navigation - 4 × Alarm Points - 4	Alarm Points Information	
Alarm Server Loera Conset Services Acres Cortrol Acres Acres	Alarm Points Configuration Page	
	Priority SIA Alarm Codes Text Field Matches	Restoration Codes
	Red BA	BR
	Yellow BX	BJ
	٢	

Adding alarm points on a Milestone Map

Enter the setup mode in the Smart Client and create a new Map. Once the map is created, you will see your panels and zones in the MIP items folder. Simply drag & drop the icon to the map - it will light up if an alarm is triggered on that zone. The icon will go back to a grey icon if the reset event is triggered, if the alarm is simply closed and the reset event is not triggered, the icon will remain in the color related to the state in the Alarm model.





Debugging

If you have trouble sending the SIA alarms or want to check if the SIA alarms have been received by your alarm monitoring station, you can open the MIP logs of the event server.



These logs will show if the alarm has been sent, if any alarms have been received, if any errors have occurred, if an ACK has been received or not after having sent the alarm and if the backup IPv4 address has been used. We advise you to check the logs in case of a failure before



contacting Orbnet Support, Milestone XProtect Event Server and MIP logs are highly verbose and can provide useful information to debug the problem before contacting Orbnet Systems.

Alarm Server Devices

The Alarm Server now supports IP/IO devices (as of the writing of this manual this is limited to the Axis A9161 with firmware 1.84.1. The advantage to supporting the device directly in the ORBNET Alarm Server is that the continual state of an input on a device can then be shown on a map.



Select the Device type, Set the IP Address, specify the port, username, and password. If successfully connected with the Auto Detect button and the Alarm Server will query the device and then place the inputs in the right window.

In the window to the right, you can in real time see the state of the inputs

Alarm Server Points Configuration

Once the device is added you can move to the Alarm server Inputs dialog, here each icon be set with an icon and renamed.





Alarm Server Devices inputs on a map







Status of devices – note that the IP/IO device itself can be added to the map and will turn yellow under fault / disconnection condition. There are 28 icons to choose from and these can be set to be red (active) and grey (normal condition)

If Milestone alarms are configured on the input, then the red alarm alert ring will appear around the input. The alarm in Milestone can be closed – though the icon will remain in the current input state.

Supported Devices

Manufacturers	Supported IP Devices	Firmware	Notes
Axis Communications	A9161	1.84.1	
Axis Communications	M1054	5.51.7.4	

