

Redscan registration procedures on Milestone XProtect Corporate

Version 0.1

Prepare for Redscan

- 1. Connect PC which has Redscan Manager software to Redscan unit.
- 2. Execute Redscan Manager
- 3. Select "IP Address/Subnet Mast" in "Tool" menu
- 4. Set IP address and others on the Redscan unit for your management
- 5. Click "Set" button

Potector IP Address / (Subnet M	ask sett	ing	_ □	×
Setting RLS-3060-#1					
Current					
Current IP Address	192	168	0	125	
Subnet Mask	255	255	255	0	
Default Gateway					
New					
New IP Address	192	168	0	125	
Subnet Mask	255	255	255	0	
Default Gateway					
Set		Cano	cel		

- 6. Set the detection area with the Redscan Manager.
- 7. In the menu bar, click "Download, "Area Alignment", and then click "Event Code Setting" button Change the settings as follows:

Event Code transmission : Enable

Use an arbitrary number : Add check mark and then change ID, If necessary.

It is necessary to change ID when you use multiple units

Transmission Mode : TCP

TCP Setting IP Address : Set the IP Address of Recording server.

Port Number : Choose an arbitrary port that vacant (Default port 1234 is not available / e.g. 12345)

Set the different port number on each Redscan unit when using multiple units.

REDWALL Event Code setting	×
Event Code transmission Enable	Tamper Code transmission Disable
Use an arbitrary number ID number of detector	0-999)
Transmission Mode	
UDP setting	TCP setting
IP Address 192 . 168 . 0 . 1	IP Address 192 . 168 . 0 . 3
Port Number 1234 (0- 65535)	Port Number 12345 + (0- 65535)
Number of transmission 10 = (1-20)	Time out setting 300 🚊 sec. (1- 30000)
Transmission interval	1 sec. (1-3600)
Delay time of event code stop transmission	10 sec. (2-60)
ОК	Cancel

8. Click "OK", "Confirm", "Apply", "Upload and Save" button.



Prepare for the server computer

- 1. Install the Milestone XProtect Enterprise.
- 2. Install Device Pack 6.2 or later.
- 3. Forward the ports that are specified at 7 in "Prepare for Redscan".
 - In case of Windows7

"Start menu", "Control Panel", "System and Security", and then select "Windows Firewall"

4. Click "Advanced settings"



5. "Inbound Rules", then click "New Rule"





6. Check "Port".

P New Inbound Rule Wizard	and the second sec	Descare in	×
Rule Type Select the type of firewall rule	to create.		
Steps: Pule Type Protocol and Ports Action Profile Name	What type of rule would you like to create? Program Rule that controls connections for a program. Pot Rule that controls connections for a TCP or UDP port. Predefined: BranchCache - Content Retrieval (Uses HTTP) Rule that controls connections for a Windows experience. Custom Custom rule. Learn more about rule types	Next > Ca	

7. Check "TCP" and "Specific local ports"

Put 80, 22331(For Smart client) and the ports that are specified at 5 in "Prepare for Redscan" in the box

P New Inbound Rule Wizard	
Protocol and Ports Specify the protocols and ports	to which this rule applies.
Steps: Protocol and Ports Action Profile Name	Does this rule apply to TCP or UDP? UDP Does this rule apply to all local ports or specific local ports? All local ports Specific local ports: Fvamole: 80.443.5000-5010
	Concel



8. Check "Allow the connection".



9. Choose the profile you would like to apply.

Choose all when you don't know.

New Inbound Rule Wizard	X
Profile Specify the profiles for which the	is rule applies.
Steps: Protocol and Ports Action Profile Name	When does this rule apply? Domain Applies when a computer is connected to its corporate domain. Private Applies when a computer is connected to a private network location. Public Applies when a computer is connected to a public network location.
	Learn more about profiles K Next > Cancel



10. Put the name in the box and then click "Finish".

P New Inbound Rule Wizard	ing .	X
Name		
Specify the name and description of the	his rule.	
Steps:		
a Rule Type		
Protocol and Ports		
Action		
Profile	Name:	
Name	Milestone-Redscan	
	Description (optional):	
	<	Back Finish Cancel



Registration Redscan units to XProtect Corporate

- 1. Execute Management Client
- 2. From "Site Navigation", select "Servers" then click "Recording Servers"
- 3. Select name of recording server (default: name of PC)
- 4. Click right button on the mouse, and then select "Add Hardware"

🚸 Milestone XProtect Corporate Man	agement Client			
<u>File Edit View Action Tools H</u> elp				
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Site Navigation $\Psi \times$	Recording Server	4	Properties	д
OMPC1013 Basics Getting Started License Information Excess Information Remote Connect Services Axis One-click Camera Servers Pailover Servers Pailover Servers Comeras Microphones Speakers Comeras Microphones Speakers Comeras Microphones Servers Servers Comeras Microphones Servers Servers	Recording Servers		Recording server information Name: OMPC1013 Description: Host name: OMPC1013 Local web server address: Into OND ADD, ADD, ADD, ADD, ADD, ADD, ADD, AD	
	Live: 64		Live: 10 Live: 10 Live: 12	
Site Navigation Federated Site Hierar***	JVC VN	Optex R	Optex R Optex R Screen	
Free memory: 1.03 GB				1.

- 5. Put a check mark on "Manual" option, and then push "Next" button
- 6. No action on the opened page (Specify user name and password....), just click Next" button
- 7. Click "Clear All" button, "Others" and then put a check mark on "Optex Redscan", then click "Next" button

Add Hardware				_ IO ×
	Add Hardware			
1 2 3 1	This wizard helps you detect and s	et up hardware.		
	Hardware detection method:			
6.2002	C Express (recommended) Automatically discovers hardwa	re models on the recording serv	ver's local network	
	C Address range scanning Scans defined network address	ranges and detects hardware m	odels	
	Manual Detects hardware models for m	anually entered IP addresses an	d host names	
milestone	 Remote connect hardware Add hardware connected via a r 	emote connect server		
The Open Platform Company				
Help		(<u>H</u> ack	Next >	<u>C</u> ancel
1,439			<	Sile,



A	dd Hard	lware				
	Specil	y user name and password	d if devices are not using the defau	l ones.		10
,						
Ц	Include	User Name	Password			Add
	V	(Factory Default)	•••••			Remove
l]
		Help		< <u>B</u> ack	Next >	Cancel



Add Hardware			
Select which drivers to use when scanning for hardware. The more drivers selected, the slower the scanning.			19
IDNodes E1610			Select All
IPIX IS/CV series			
Janteq			<u>C</u> lear All
LG Electronics LSW		L	
🗖 LG Electronics LW			
LG Electronics LW Ptz			
- ☐ MIP Driver - ☐ Optex Redscan - ☐ 30 Black			
Scallop Camera			
Screen Recorder			
Siemens CC Series			
— ☐ Sigura HSD/MSD-62×			
VCS VIP 10 / Video Jet 10			
Video Push Driver			
Video:0229		•	
1 Sect 100P00230			
Help	< <u>B</u> ack	<u>N</u> ext >	<u>C</u> ancel

- 8. Enter IP address of Redscan unit to be registered. Left "Port" number as "80"
- 9. In the "Hardware Driver", select "Optex Redscan" from pull menu, and then push "Next" button



- 10. Confirm the status changes "Success" (detected hardware), click "Next" button
- 11. In "Collected hardware information" page, no action, click "Next" button
- 12. Then, Click "Next" button, and then make/select proper device group
- 13. From pull menu of "Add to Group", select the group for Redscan unit, and then click "Finish" to finalize

Add Hardware	<u>_ 0 ×</u>			
Enter information for hard Optionally, select driver t	ware you want to add. ype to speed up detection.			10
Address	Port	Hardware Driver		Add
132.166.0.101	80	Uptex Heoscan		<u>R</u> emove
				1
Help		< <u>B</u> ack	<u>N</u> ext >	<u>C</u> ancel

Add H	ardware					<u>_ ×</u>
₩a Ono	it while your hardware is being detect ce detection has completed, select w	ed. hich hardware to add.				10
					S	.op
Detect	ted hardware:					
Add	Address	Port	Hardware Driver		Status	
	192.168.0.101	80	Optex Redscan		🖌 Succes	
🔽 Sh	ow hardware running on other recording	s servers				
	Help		< <u>B</u> ack	<u>N</u> ext >	<u>C</u> ar	icel



Invalidate Motion Detection

- 1. Select "Recording Servers" in "Site Navigation"
- 2. Click the name of recording server, then select "Optex Redscan"
- 3. In "Property" window, select "Motion" tab
- 4. Put out the check mark from "Motion detection" option to invalidate motion detection



Note:

In order to utilize only detection events by Redscan detector, invalidate the motion detection of camera, too.



Setting of REDSCAN on Milestone XProtect Corporate

Setting of detection area

- 5. Select "Recording Servers" in "Site Navigation"
- 6. Click the name of recording server, then select "Optex Redscan"
- 7. In "Property" window, select "Settings" tab
- 8. Change parameter if necessary

Frams per second : Max20 (No meaning even though set more than 20)

Max. resolution: 1000 (Recommended)

Y axis range (mm): Adjust this value as actual detection area length



Illestone XProtect Corporate	Management Client	
<u>File Edit View Action Tools H</u> elp		
🗄 🦻 😮 🗢 🛍		
Site Navigation 🛛 📮 🗙	Recording Server 4	Properties 4
Competition Compe	□ Pecording Servers □ OMPC1013 □ Optex Redscan (192.168.0.12) □ Optex Redscan (192.168.0.123) □ Optex Redscan (192.168.0.124) □ Optex Redscan (192.168.0.125) □ Optex Redscan (192.168.0.125) □ Optex Redscan (192.168.0.125) □ Optex Redscan (192.168.0.25) □ Optex Redscan (192.168.0.3)	Optex: Redscan Frames per second Yais ranee (mm) 1000 Yaxis ranee (mm)
🕂 💎 User-defined Event	x	🚺 Info 🔀 Settings 📕 Streams 🥥 Record 🔕 360° Lens 😽 Events 🥥 Client 📖 Prir 4 🕨
🕂 Analytics Events 🚽	Preview	4 ×
		Live: 10
Site Navigation Federated Site Him		Optex R
Free memory: 0.99 GB		



Make the events effective

- 1. Select "Recording Servers" in "Site Navigation"
- 2. Click the name of recording server, then select "Optex Redscan"
- 3. In "Property" window, select "Events" tab
- 4. Click "Add" button, and then select events to be used

Note: For Alarm events (triggered detection zone information), select "Motion Started (HW), and select required zone name from Pull down menu of ""Motion Window"





Use events

Select "Rule" in "Site Navigation"

Note:

As other event, make rules to control the system, refer to "Help" of Milestone XProtect Corporate

Example 1.)

Utilize the A1 zone detection information from Redscan to turn the IP camera's preset position, P2.

- 1. In "Site Navigation", select "Rules" in "Rules and Events"
- 2. In "Rules" window, click right button of the mouse, and select "Add rule..."
- 3. Enter the name of event (e.g. A1) and put a check mark for "Perform an action on <event>"

lame:	A1	
escription:		
votive:	A	
	Step 1: Type of rule	
Edit the rule de	scription (click an underlined item)	
Edit the rule de Perform an act from <u>devi</u>	scription (click an underlined item) ion on <u>event</u> ces/recording server/management server	

4. In the window of "Edit the rule description", click "event", then select "Motion Started (HW)"





- 5. In the window of "Edit the rule description", click "device/recording server/management server"
- 6. Select the Redscan unit from device group and "Add" button, and then click "OK"

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File Edit View Action Tools	Help		
日 🤊 🕜 🌨 🏙 Action	-		
Site Navigation	a × Rules	Pule Information	t,
Hanage Role			
Name			
Description	Select Devices and Groups		×
Descriptions	Device Groups Presedies Several	Selected	
Select the rule type you we C Perform an action in a t C Perform an action in a t Edit the rule description (cl Perform an action on Motion from devices/record	Cameras All Cameras OPTEX OPTEX Panasonic BB-HCM725 (192.168.025	Add Remove	<u>ra 1</u> to position <u>P1 immedia</u>
		OK Cancel	
			14
Help	Cancel (Back Next)	Finish	
Current Tasks Configuration Reg Site Navigation Federated Sit	e Herarchy		

7. Click "Next", then following window comes up, then put a check mark for "Event is from <motion window>



anage Rule					_02
Name:	A1				
escription:					
ctive:	1				
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Edit the rule d	lescription (cli	ck an underlined item)		
Perform an ac from <u>Opte</u> event is from	ition on <u>Motior</u> ex Redscan (1 motion wind	<u>, Started (HW)</u> 92.168.0.125) – Camer ow	<u>a 1</u>		
, Help		Cancel	< Back	Next >	Finish

- 8. Click "motion window" in "Edit the rule description" window, then type "A1" in "Select motion window", and the click "Next button"
- 9. Put a check mark for "Move <device> to <preset> position with PTZ <priority>



Name: A1 Description:	
Description: Active: Step 3: Actions Select actions to perform Start patrolling on <device> using <profile> with PTZ <priority> Pause patrolling on <devices> using <profile> with PTZ <priority> Move <device> to <preset> position with PTZ <priority> Set device output to <state> Create bookmark on <devices> Set device output to <state> Set device output to <state> Set device output to <state> Stat plug-in on <devices> Make new <log entry=""> Stop plug-in on <devices> Stop plug-in on <devices> Edit the rule description (click an underlined item) Perform an action on Motion Started (HW) from Optex Redscan (192.168.0.125) - Camera 1 event is from A1 Move device to position preset immediately with PTZ priority Priority Help Camel Help Camel</devices></devices></log></devices></state></state></state></devices></state></priority></preset></device></priority></profile></devices></priority></profile></device>	_
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	1

- 10. Click "device" to select the linked camera, and click "preset" to assign the linked preset position, then click "OK" button
- 11. Set the priority level, then click "Finish" to complete



Example 2.)

Utilize Master alarm code to start and stop recording

As above example, edit the rule description like the following





Example 3.)

Send notification-mail to the manager when the Redscan unit generate the anti-rotation signal. Need to set the Notification Profile, then set up the rule like follows:

