

SIMPLIFYING COMPLEXITY



FEDERATOR® USER GUIDE V.2.6





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Introduction

6SS Federator® is a Milestone Management Client Plug-in that was developed by 6SS lead Software Engineers in order to act as an additional layer to Milestone XProtect to make the management of Milestone XProtect more efficient and simple.

With Federator plugin you can save hours of time, provide better customer support by centralizing all XProtect sites operations, including configuration and reporting, in one centralized interface. This eliminates the need to login to each site, which can be time consuming especially in a multisite environment and huge deployments.

This Plug-in allows the administrators to manage and configure multiple XProtect sites, visualize XProtect with dashboards, and create beautiful customer-ready reports.

Federator® Main Features

Management/Configuration

- Copy rules, events and alarms from HQ site to all/selected sites
- Enable/Disable rules, events and alarms per site
- Delete rules, events and alarms from all/selected sites
- Change Camera settings (fps, resolution, codec) for all/selected models and apply to all/selected sites
- Create/Delete users and roles
- Copy time, smart client, management client profiles to all/selected sites
- Start/Stop/Restart all/selected Milestone services for all/selected sites
- Add/Remove additional sites that do not belong to the federation architecture
- Backup/Restore Milestone configuration files for each site including
- Surveillance log database
- Remote assistance for federated sites with access privilege

Monitoring

- View the added rules, events and alarms for each federated site
- View all cameras and detected models per site
- View all recording servers with their related hardware per site
- View all configured microphones, speakers, metadata, inputs, and outputs
- View rules, events and alarms creation log files
- View and filter the log file (system, audit, rule-triggered) for all federated sites
- View live feed from any camera
- Check the recording of devices over all sites including the database, storage path, recording start date, recording hours and retain hours
- Dashboards and Charts with live statistics for federated sites including sites' status, CPU and memory counter levels, number of configured recording servers, cameras, models, device groups, device status, rules and alarms

Reporting

- Device report (Name, Device type, Address, MAC Address, Status, login ID, live and recorded stream, etc...)
- Hardware Inventory report for all/selected sites
- Camera recording report with recording status, database, storage path, recording start date, and recording a retain hours.
- Recording servers with its related information including recording disk sizes, used space and free space report
- Milestone configuration reports
- Ability to search and filter the reports
- Ability to export the reports in Excel/PDF format

Navigation	Sites	Device Select All		V Device type Select All	~	Status Select All	~	X	DF
Servers Recording Servers	PLUTO6\SQLEXPRESS	IDDevice Device Name Des	scription Device Type	Address MacAddress	Enabled IDHardv	vare HardwareName	IDRecorder	RecorderName	Ho: ^
E		3e3aa AXIS P1353 Netw							PLU
Models		5c777 AXIS M1054 Net	ŷ		1f44e3a				PLU
		c26e2 AXIS P1353 Netw	€	http://192.168.10 00408CDE6856	1a5e4ab	08-9b16 AXIS P1353 Net	N 03225F52-9DB6	PLUTO8	PLU
		ca129 AXIS M1054 Net	€ :-	http://192.168.10 00408CEB62BF	1f44e3a	f-a112-4 AXIS M1054 Ne	03225F52-9D86	PLUTO8	PLU
Smart Client Profiles		48afca AXIS M1054 Net	FÔ?	http://192.168.10 00408CEB62BF	✓ 1f44e3a	f-a112-4 AXIS M1054 Ne	03225F52-9DB6	PLUTO8	PLU
		c5ce1f AXIS P1353 Netw	t õi	http://192.168.10 00408CDE6856	🖌 1a5e4at	08-9b16 AXIS P1353 Net	w 03225F52-9D86	PLUTO8	PLU
Time Profiles P Notification Profiles		2c366 AXIS P1353 Netw	8 1	http://192.168.10 00408CDE6856	la5e4at	08-9b16 AXIS P1353 Net	w 03225F52-9DB6	PLUTO8	PLU
User-defined Events		80075 AXIS M1054 Net	%	http://192.168.10 00408CEB62BF	1f44e3a	f-a112-4 AXIS M1054 Ne	03225F52-9D86	PLUTO8	PLU
Logs		9146ef AXIS M1054 Net	2	http://192.168.10 00408CEB62BF	1f44e3a	f-a112-4 AXIS M1054 Ne	03225F52-9DB6	PLUTO8	PLU
Alarms Definition		da9f57 AXIS P1353 Netw		http://192.168.10 00408CDE6856	1a5e4at	08-9b16 AXIS P1353 Net	w 03225F52-9D86	PLUTO8	PLU
Proles		f560a1 AXIS M1054 Net	222	http://192.168.10 00408CEB62BF	1f44e3a	f-a112-4 AXIS M1054 Ne	03225F52-9DB6	PLUTO8	PLU
		06ec5 AXIS P1353 Netw	@	http://192.168.10 00408CDE6856	1a5e4at	08-9b16 AXIS P1353 Net	w 03225F52-9DB6	PLUTO8	PLU
		08164 AXIS P1353 Netw	9	http://192.168.10 00408CDE6856	1a5e4ab	08-9b16 AXIS P1353 Net	N 03225F52-9DB6	PLUTO8	PLU
Recording Servers		12964f AXIS P1353 Netw	@	http://192.168.10 00408CDE6856	1a5e4at	08-9b16 AXIS P1353 Net	w 03225F52-9D86	PLUTO8	PLU
🖶 🧰 System Dashboard		29fb94 AXIS P1353 Netw	8	http://192.168.10 00408CDE6856	1a5e4at	08-9b16 AXIS P1353 Net	N 03225F52-9DB6	PLUTO8	PLU
Configuration Reports		¢	<u>^</u>	-					`

Getting Started

System Requirements

- Windows OS 8.1 or above
- Microsoft SQL Server 2012 SP1 or above
- Milestone XProtect Corporate, XProtect Expert, XProtect Professional+, or XProtect Express+
- Federator® Plugin v1.1.20 or above

Quick Start

- Ports must be enabled for TCP/IP (1433), UDP (1434), File and printer sharing (SMB-In) (445), File and Printer Sharing (Echo Request -ICMPv4-In)
- SQL Browser must be enabled and running
- Milestone XProtect installed.
- Microsoft SQL Server Management Studio installed.
- Named pipes and TCP/IP protocols enabled for all sites.
- Restart SQL Server Service.
- Run the Federator.msi.

System Introduction

The below figure describes the Federator[®] architecture which consists of one main site and unlimited number of child sites. With the Federator[®] setup installed on the main site you can directly use the Federator[®] plugin without the need to login to the child site for any configuration.



Federator® Setup



First copy Federator.msi installer to HQ server or to a dedicated server where Microsoft SQL server is installed. Double click on the installer to start the installation process. Click Next to continue.



Enter SQL Server name and click Next. The wizard will guide you through the steps from the default installation folder to the completed installation along with a shortcut created on the desktop.



Federator® Application



Double click on Federator.exe, enter HQ management server and click Connect.

券 Connect to server		×
C 11	1. 1/1 - P	
Server address:	http://pluto6/	~
Authentication:	Windows authentication (current user)	\sim
User name:	PLUTO6\Administrator	\sim
Password:		
	Remember password	
	Auto-login	
	Connect Cancel	

Wait until the configuration is loaded for the first time only.



Once loaded, use the Navigation pane to check all the functionalities.





Site Configuration

First, navigate to Site Configuration node, and choose to add from the list of available sites the ones needed to be configured later within the Federator[®] plugin.

In case a site is not present within the available sites, try to add it by typing the SQL server name along with the SQL instance name in case it is a named instance.

 Profiles Smart Client Profiles Management Client Profiles Rules Time Profiles Rules Notification Profiles Subscription Add Site Rules Ru	Profiles Sunart Client Profiles Management Client Profiles Management Client Profiles Multication Profiles Nules and Events Multication Profiles Multication Profil	Navigation		Sites	Available Sites	
	Remote Assistance	Profiles Smart Client Profiles Management Client Profiles Management Client Profiles Rules and Events Market Summary Second	~	PLUTOB/SQLEXPRESS	Image: Control of the second secon	SQL Site Name

When adding a child site, you need to specify the user credentials used to connect to Milestone Management Server.

Connect to site		—	\times
	Computer:		
	PLUTO5-CHILD		
	Username:		
	Password:		
	Connect Close		

Choose to backup/ restore Milestone Surveillance and SurveillanceLogServerV2 configuration files, or remove the site if needed.



The configuration backup files will be saved on C:\FederatorDBBackup and it's on related database folder.



When restoring configuration database, you need to select the database that needs to be restored along with the relevant configuration file.

Choose database		_		×
) Surveillance	Surveill	anceLog	Server	
			Ne	ext

You will be automatically directed to the relevant configuration path.

Choose file location				×
$\leftarrow \rightarrow \land \uparrow \square \ll c$	← → ✓ ↑ 📙 « c\$ > FederatorDBBackup > SurveillanceLogServer			.ogServer 🔎
Organize 👻 New fol	der			• 🔳 🕐
🔹 Quick access	Name	Date modified	Туре	Size
	PLUTO5-CHILD_SurveillanceLogServerV2_20200527_141122.cnf	5/27/2020 2:11 PM	CNF File	8,816 KB
	PLUTO5-CHILD_SurveillanceLogServerV2_20200601_205117.cnf	6/1/2020 8:51 PM	CNF File	8,944 KB
Downloads	PLUTO5-CHILD_SurveillanceLogServerV2_20200601_205203.cnf	6/1/2020 8:52 PM	CNF File	8,944 KB
🖆 Documents 🛛 🖈	PLUTO5-CHILD_SurveillanceLogServerV2_20200707_132303.cnf	7/7/2020 1:23 PM	CNF File	8,944 KB
📰 Pictures 🛛 🖈	PLUTO5-CHILD_SurveillanceLogServerV2_20200721_125154.cnf	7/21/2020 12:51 PM	CNF File	9,904 KB
🏪 Local Disk (C:)	PLUTO5-CHILD_SurveillanceLogServerV2_20200909_173532.cnf	9/9/2020 5:35 PM	CNF File	13,556 KB
	PLUTO5-CHILD_SurveillanceLogServerV2_20200909_174550.cnf	9/9/2020 5:45 PM	CNF File	13,556 KB
This PC	PLUTO5-CHILD_SurveillanceLogServerV2_20200909_174934.cnf	9/9/2020 5:49 PM	CNF File	13,556 KB
💣 Network				
File	name:	∽ Back	up Files (.cnf)	~
			Open	Cancel

Recording Servers

To view recording servers and its related hardware, navigate to Servers> Recording Servers, and select a site from Sites pane. Check also the live feeding for each camera configured on the related recording server.

At 1 Coloron			
	Siter	Recording Servers	Properties
Navigation	Sites	head and a sector	· · · · · · · · · · · · · · · · · · ·
Septers	PLUTO6\SOLEXPRESS	Recording Servers	Device information
Describer Servers	PLUTOS-CHILD	PLUTO5-CHILD	
Recording servers		AXIS M1054 Network Camera (192 168 100 1)	Name:
Devices		E- Bemp Cameras	Mask Detection - Camera 1
Cameras		Mask Detection - Camera 1	
		Saudi hw	Short Name:
		DirectShow Virtual Video Server (0.0.0.1)	
Speakers		DirectShow Virtual Video Server (0.0.0.1)	
Metadata		DirectShow Virtual Video Server (0.0.0.1)	Description:
		DirectShow Virtual Video Server (0.0.0.1)	
- Output		DirectShow Virtual Video Server (0.0.0.1)	
		DirectShow Virtual Video Server (0.0.0.1)	
Caract Clinet Desfiles		DirectShow Virtual Video Server (0.0.0.1)	
Smart Client Profiles		DirectShow Virtual Video Server (0.0.0.1)	
Management Client Profiles			
Rules and Events		DirectShow Virtual Video Server (0.0.0.1)	Hardware name:
🗧 Rules			Demo Cameras
Time Profiles			
		DirectShow Virtual Video Server (0.0.0.1)	Port number
		DirectShow Virtual Video Server (0.0.0.1)	
Analytic Events		AXIS P1353 Network Camera (192.168.100.4	· · · · · · · · · · · · · · · · · · ·
Generic Events		AXIS P1353 Network Camera (192.168.10	
logs		AXIS P1353 Network Camera (192.168.10	Desistantes information
Alarms		AXIS P1353 Network Camera (192.168.10	- Positioning information
Alarms Definition		AXIS P1353 Network Camera (192.168.10	CDS searchington
		AXIS P1353 Network Camera (192.168.10	GP3 COORDINATES.
E- Security		AXIS P1353 Network Camera (192.168.10	< >
Roles		AXIS P1353 Network Camera (192.168.10	
Basic Users		AXIS P1333 Network Camera (192.106.10	Info
		AXIS P1353 Network Camera (192.166.10	
🖶 🔡 Reports		AVIS P1353 Network Camera (192.168.1)	
		AVIS P1353 Network Camera (192.168.1)	
Inventory		AXIS P1353 Network Camera (192 168 1)	
Camera Recording		AXIS P1353 Network Camera (192 168 1)	
Recording Servers		AXIS P1353 Network Camera (192.168.1)	
2 Services		AXIS P1353 Network Camera (192.168.1)	
Sustem Dashboard		AXIS P1353 Network Camera (192.168.1)	
System Manitar		AXIS P1353 Network Camera (192.168.10	
Disperties Teel		AXIS P1353 Network Camera (192.168.10	
		AXIS P1353 Network Camera (192.168.10	
Configuration Reports		AXIS P1353 Network Camera (192.168.10	
		AXIS P1353 Network Camera (192.168.10	
Site Configuration		AXIS P1353 Network Camera (192.168.1) 🗸	
		< >	
			SCNBC

Hardware with a red circle icon indicates that the hardware is currently disabled.

Devices

Under Devices node, you can easily check all cameras and their models, as well as microphones, speakers, metadata, inputs, and outputs defined under their related nodes.

Camera settings can be applied over same models for all/selected sites. Choose under Models node the model you want to apply the settings for and right click Update Settings.

	Sites	Camera Models	
		Model	Device Name
evices	PLUTO8\SQLEXPRESS	AXIS M1054 Network Camera	AXIS M1054 Network Camera (192.168.100.112) - Camera 1
Cameras		AXIS P1353 Network Camera	Update Settings
Microphones		AVIS M5014 PTZ Dome Network Camera	AVIS M5014 PT7 Dome Network Camera (192 158 0 115), Camera
Speakers		AXI3 WIDDL4 FTZ DOME WELWOR CAMERA	AXIS WOOL4 FIZ DOINE WELWORK CAMERA (152.106.0.113)* CAMERA
Metadata			
Outout			
ofiles			
Smart Client Profiles			
Management Client Profiles			
Jes and Events			
Time Profiles			
Notification Profiles			
User-defined Events			
Analytic Events			
Generic Events			
Logs			
Alarms Definition			
curity			
Roles			
Basic Users			
rver Logs			
eports			
Devices			

Select the targeted sites or keep the default option All Sites.

Copy device settir	igs -	-		×
Parent Site				
Device ID	19aOfa79-aa29-434f-a79f-86949774327	b		
Model	AXIS M1054 Network Camera			
Child Site				
	Select Sites 🗸			
	All Sites			
	PLUTO5-CHILD			
	PLUTO8\SQLEXPRESS bmit		Close	e

Once successfully updated, navigate to Cameras node and notice the settings (in this example 15 frame per second) are changed for the same device model.

		Devices			
ation	Sites	Cameras	Properties		
Servers	PLUTO6\SQLEXPRESS	Cameras	General		V
	PLUTO8\SQLEXPRESS	Saudi hw	Brightness	50	
Cameras		AXIS P1353 Network Camera (192.1	Contrast	50	
Models		AXIS M1054 Network Camera (192.:	Edge recording type to retrieve	Continuous	
🔩 Microphones		Mask Detection - Camera 1	Mirror image	No	
📢 Speakers			Multicast address	239.247.98.191	
- Metadata			Multicast force PIM-SSM	no	
input			Multicast time to live	5	
- Output			Multicast video port	0	
- Smart Client Profiles			Rotation	0	
Management Client Profiles			Saturation	50	
Rules and Events			Sharppess	50	
📋 Rules					
Time Profiles			Video stream 1		\square
Notification Profiles			Bit rate control mode	VariableBitRate	
User-defined Events			Bit rate control priority	None	
Analytic Events			Codec	h264	
Generic Events			Compression	30	
Logs			Frame per second	15	
Alarms Definition			Include date	no	
Security			Include time	no	
··· / Roles			Max frames between keyframes	30	
Basic Users			Max frames between keyframes mode	default	
Server Logs			Resolution	640x480	
Reports			Streaming mode	TCP	
			Video stream 2		
Camera Recording			Bit rate control mode	VariableBitRate	
Recording Servers			Bit rate control priority	None	
Services			Codec	h264	
System UdShDoard			Compression	30	
Diagnostics Tool			Frame per second	8.0	
Configuration Reports			Include date	no	
Pemote Assistance			Include time	00	

Smart & Management Client Profiles

Smart and management client profiles are configured under Profiles node. Select HQ site and right click, copy the desired profile.

🔅 Federator				-	×
		Smart Client Profiles			
Navigation	Sites	Smart Client Profiles	Smart Client profile Information		
Devices Cameras Models Microphones Microphones Microphones Microphones Microphones Metadata Duput Profiles Smart Client Profiles Management Client Profiles Management Client Profiles Microphones Microphones Microphones Microphones Management Client Profiles Microphones Microphones	PLUTOB/SQLEXPRESS PLUTOB/SQLEXPRESS PLUTOB/SQLEXPRESS	Default Operator Smart Client Profile Supervisor Smart Client Pre 2	Name Supervisor Smart Client Profile Copy Smart Client Profile Delete Smart Client Profile Refresh		

In the copy profile popup form, choose the targeted sites to deploy the selected profile for and click Submit.

Copy Smart Client p	rofile	—		\times
Parent Site				
Profile ID	822BA626-D112-4F61-8F79-AB43DE	433BFD		
Profile Name	Supervisor Smart Client Profile			
Child Site		7		
	Select Sites			
	Sub	mit	Close	:

Rules & Events

Under Rules and Events node, you can view all the defined rules, events (user-defined, analytic, and generic), time profiles, as well as registered logs for rules, events, and alarms.

For rules node, user is able to change the rule name, description, and status (active/inactive) for each site, as well as to view the rule definition in clear format.



Click save button to reflect the changes.

🔆 Federator				- 🗆 X
		Rules		
Navigation	Sites	Rules	Rule Information Name Archive Not Finished Description Image: Active Definition Perform an action on "ArchiveNotFinished" from "PLUTOS" Create log entry: "SRuleNameS on SRecorderNameS"	

To copy a rule from HQ site to federated sites, right click on a rule and choose Copy Rule.



In the copy rule window, select the federated sites/All sites for this rule to be added for and click Submit.

Copy rule	-		\times
Parent Site	707fc103-b351-4435-beab-934e9191db10		
Rule Name	Archive Not Finished		
Child Site	Select Sites All Sites PLUTO5-CHILD PLUTO8\SQLEXPRESS bmit	Clos	e

A pop up message appears to show the creation status of the rule. In this case, the rule was successfully created for all the previously selected site(s).

Copy rule			—		\times
Par Status		_		×	1
Ru					
Ch		1	100%		
	Created Successfully!		CI	ose:	
		Subr	nit	Close	

Under Logs node, track the creation status of rules, events and alarms, and easily check the reason for failure (Machine is down, SQL Service not running, or event already created).

Federator						-	D X
Navigation	Sites	Rule Logs Event Log	zs Alarm Logs				
	All Sites PLUTO6\SQLEXPRESS BLUTO5-CHILD	Status	~				
	PLUTO8\SQLEXPRESS	Site Name	Rule Name	Message	Creation Status	Date Time	6 - C
Management Client Profiles		PLUTO8\SQLEXPRESS	Archive Not Finished	Rule "Archive Not Finished" has not been created. The rule already exists	False	9/16/2020	8:37 AM
Rules		PLUTO5-CHILD	Archive Not Finished	Rule "Archive Not Finished" has not been created. The rule already exists	False	9/16/2020	8:37 AM
Notification Profiles		PLUTO8\SQLEXPRESS	Record Always	Rule "Record Always" has not been created. The rule already exists	False	9/16/2020	8:37 AM
		PLUTO5-CHILD	Record Always	Rule "Record Always" has not been created. The rule already exists	False	9/16/2020	8:37 AM
Generic Events		PLUTO8\SQLEXPRESS	Record Always	Rule "Record Always" has been successfully created	True	9/16/2020	8:37 AM
Logs		PLUTO5-CHILD	Record Always	Rule "Record Always" has been successfully created	True	9/16/2020	8:37 AM
Alarms Definition		PLUTO8\SQLEXPRESS	Send Email on Low Memory available	 Rule "Send Email on Low Memory available" has been successfully created 	d True	9/16/2020	8:37 AM
Roles		PLUTO5-CHILD	Send Email on Low Memory available	e Rule "Send Email on Low Memory available" has been successfully created	d True	9/16/2020	8:37 AM
Server Logs		PLUTO8\SQLEXPRESS	Send Email on High CPU usage	Rule "Send Email on High CPU usage" has been successfully created	True	9/16/2020	8:36 AM
Reports		PLUTO5-CHILD	Send Email on High CPU usage	Rule "Send Email on High CPU usage" has been successfully created	True	9/16/2020	8:36 AM
		PLUTO8\SQLEXPRESS	Archive Not Finished	Rule "Archive Not Finished" has been successfully created	True	9/16/2020	8:34 AM
Recording Servers		PLUTO5-CHILD	Archive Not Finished	Rule "Archive Not Finished" has been successfully created	True	9/16/2020	8:34 AM
		PLUTO5-CHILD	Record Always	Rule "Record Always" has not been created. The rule already exists	False	9/15/2020	7:05 AM
System Monitor Diagnostics Tool		PLUTO8\SQLEXPRESS	Record Always	Rule "Record Always" has been successfully created	True	9/15/2020	7:05 AM
Configuration Reports		PLUTO5-CHILD	Send Email on High CPU usage	Rule "Send Email on High CPU usage" has been successfully created	True	9/10/2020	1:19 PM
Generation		PLUTO5-CHILD	Record Always	Rule "Record Always" has been successfully created	True	9/10/2020	1:18 PM

Alarms

From Alarms Definition node, easily copy/delete alarms, change enabled status, and instructions.

It's necessary after adding alarm to federated sites to restart Milestone Event Server service under Services node.

Security

Define roles and basic users for federated sites under Security node.

Choose to copy basic user from HQ site using Copy Basic User 🙎 Copy Basic User...



For basic user, you need to specify the password for it. Make sure that password and repeat passwords fields match, otherwise you will receive an alert message.

Copy basic user	-		\times
Parent Site			
User ID	0360929A-C5E1-404E-9DD2-3D8C62891E	BEB	
User name	Laura		
Child Site	Select Sites 🗸		
Password	*********		
Repeat password	**********		
	Submit Close		

Server Logs

Under Server Logs node, you can easily check the log files (system, audit, rule-triggered logs) related to each federated site and from a selected period of time as shown below.

Federator							-	
Navigation								
	System Logs Audit Logs Bule-triggered Logs							
Servers Servers PLUTO6\SQLEXPRESS PLUTO5-CHILD	aystern togs Addit togs Hare angeered togs							
LUTO8\SQLEXPRESS	From 09/15/2020 00:00:00	09/16/2020 23:59:59	• Search					
- Cameras								
	Source Name	User	Rule Name	Service Name	Event Type	Date Time	Message	^
	AXIS P1353 Network Camera (192.168.100.45) - Camera 1							1353 1
	AXIS P1353 Network Camera (192.168.100.45) - Camera 1	PLUTO5-CHILD\ADMINISTRATOR	Communication Started	PLUTO5-CHILD	Communication Starter	9/16/2020 11:43 AM	Communication Started on	AXIS P:
- Output	AXIS P1353 Network Camera (192 168 100 45) - Camera 1	PULITOS-CHILD\ADMINISTRATOR	Communication Starter		Communication Starte	4 9/16/2020 11-43 AM	Communication Started on	AXIS P
	Axis P1555 Network Camera (192.106.100.45)- Camera 1	PEOTOS-CITED (ADMINISTRATOR	Communication started	FEOTOS-CITED	communication starter	5 5/10/2020 11.45 AM	Communication started on a	BAIS F.
	Saudi hw	PLUTO5-CHILD\ADMINISTRATOR	Communication Started	PLUTOS-CHILD	Communication Starte	9/16/2020 11:43 AM	Communication Started on S	Saudi I
E Rules and Events	Mask Detection - Camera 1	PLUTO5-CHILD\ADMINISTRATOR	Communication Started	PLUTO5-CHILD	Communication Starte	1 9/16/2020 11:43 AM	Communication Started on I	Mask [
	AXIS M1054 Network Camera (192.168.100.112) - Camera 1							AXIS M
	Mask Detection - Camera 1	PLUTO5-CHILD\ADMINISTRATOR	Communication Started	PLUTO5-CHILD	Communication Starter	9/16/2020 11:43 AM	Communication Started on I	Mask [
User-defined Events	Saudi hw	PLUTO5-CHILD\ADMINISTRATOR	Communication Started	PLUTO5-CHILD	Communication Starter	9/16/2020 11:43 AM	Communication Started on i	Saudi I
	AVIS M1054 Matwork Compare (102 158 100 112) Compare 1		Descerting Started		Deserving Started	0/15/2020 11.42 AM	Deserving Started on AVIS N	A1054
Logs	AXIS W1054 WELWOR Camera (152.188.100.112)* Camera 1	PEOTOS*CHIED(ADMINISTRATOR	r Recording started	PEOTOSPONIED	Recording started	5/16/2020 11:45 AW	Recording started on Axis In	11034
Alarms Alarms Alarms	AXIS M1054 Network Camera (192.168.100.112) - Camera 1	PLUTO5-CHILD\ADMINISTRATOR	Communication Started	I PLUTO5-CHILD	Communication Starte	9/16/2020 11:43 AM	Communication Started on /	AXIS M
Becurity	Saudi hw	PLUTO5-CHILD\ADMINISTRATOR	Recording Started	PLUTO5-CHILD	Recording Started	9/16/2020 11:43 AM	Recording Started on Saudi H	hw
	AXIS P1353 Network Camera (192.168.100.45) - Camera 1							1353 M
Server Logs	AXIS M1054 Network Camera (192.168.100.112) - Camera 1	WORKGROUP\PLUTO5-CHILD\$	Recording Stopped	PLUTO5-CHILD	Recording Stopped	9/16/2020 9:30 AM	Recording Stopped on AXIS 1	M1054
Eports Devices	AXIS M1054 Network Camera (192.168.100.112) - Camera 1	WORKGROUP\PLUTO5-CHILDS	Recording Started	PLUTO5-CHILD	Recording Started	9/16/2020 9:30 AM	Recording Started on AXIS N	11054
	AVIS M1054 Network Company (102 158 100 112) Company 1		Decording Started		Recording Started	0/15/2020 0-20 AM	Recording Started on AVIS N	41054
	AXIS M1054 Network Camera (192.108.100.112)- Camera 1	WORKGROUP(PLUTUS-CHILDS	Recording started	PLUTUS-CHILD	Recording started	9/16/2020 9:50 AIM	Recording started on AXIS IN	11054
2 Services	PLUTO5-CHILD	WORKGROUP\PLUTO5-CHILD\$	Database Repair	PLUTO5-CHILD	Database Repair	9/16/2020 9:30 AM	Database Repair on PLUTO5	-CHILI
System Dashboard	PLUTO5-CHILD	WORKGROUP\PLUTO5-CHILD\$	Database Repair	PLUTO5-CHILD	Database Repair	9/16/2020 9:30 AM	Database Repair on PLUTO5	5-CHILE
A System Monitor	PLUTO5-CHILD							S-CHILI
Configuration Reports	Saudi hw	WORKGROUP\PLUTO5-CHILD\$	Communication Started	PLUTO5-CHILD	Communication Starte	9/16/2020 9:30 AM	Communication Started on !	Saudi t
	<							

Reports

Device Report

Under Device Report, you can easily check all the devices configured for each site and its related information (device type, hardware model, login Id, address, live and recorded stream, recording enabled, storage name and path motion enabled, etc...).

Choose to export any report in excel and pdf format. Reports are saved under C:\FederatorReports.

🛞 Federator									-	
Navigation	Sites	Device Select All		Device type Select All		∽ Statu	IS Select All	~		P
Servers Recording Servers	PLUTO6\SQLEXPRESS PLUTO5-CHILD	IDDevice Device Name Description	Device Type	Address MacAddress	Enabled	IDHardware	HardwareName	IDRecorder	RecorderName	Ho: ^
Devices		3e3aa AXIS P1353 Netw	0	http://192.168.10 00408CDE6856		1a5e4ab8-9b16	AXIS P1353 Netw.	. 03225F52-9D86	PLUTO8	PLL
Models			~							
🛃 Microphones		5c777 AXIS M1054 Net	Ŷ							PLU
		c2Ee2 AVIS D12E2 Natw	<u>د</u> ار.	http://102.168.10 004080D56855		155e/3b8-9b16-	AXIS P1858 Netw	02225552-0086-	PULITOR	PLI
		C20E2 AXIS F1333 NEW	N.,	http://192.108.10 004080808080		18564800-5010	AXI3 P1333 NEW.	. 03223132-5000	FLOTOS	PEG
		ca129 AXIS M1054 Net	(-							PLU
Profiles Smart Client Profiles			-20		_					_
Management Client Profiles		48afca AXIS M1054 Net	FO:	http://192.168.10 00408CEB62BF		1f44e3af-a112-4	. AXIS M1054 Net	03225F52-9DB6	PLUTO8	PLU
		c5ce1f AXIS P1353 Netw	FÔA	http://192.168.10 00408CDE6856	_	1a5e4ab8-9b16		. 03225F52-9DB6		PLU
- Z Time Profiles		_								_
Notification Profiles		2c366 AXIS P1353 Netw	2	http://192.168.10 00408CDE6856		1a5e4ab8-9b16	AXIS P1353 Netw.	. 03225F52-9DB6	PLUTO8	PLU
		80075 AXIS M1054 Net	ne	http://192.168.10 00408/CER62BE		1f4de3af-a112-4	AXIS M1054 Net	03225E52-9D86-		PLI
Generic Events			<u>е</u>	http://152.100.10 0040000200201		11440301-0112-4	. 80.0 111004 1120	00220102000000	120100	
Logs		9146ef AXIS M1054 Net	25	http://192.168.10 00408CEB62BF		1f44e3af-a112-4	. AXIS M1054 Net	03225F52-9DB6	PLUTO8	PLL
Alarms Definition			alla							
🖶 🖬 Security		da9f57 AXIS P1353 Netw	1956 1956	http://192.168.10 00408CDE6856		1a5e4ab8-9b16	AXIS P1353 Netw.	. 03225F52-9DB6		PLL
		f560a1 AXIS M1054 Net	292	http://192.168.10 00408CEB62BF		1f44e3af-a112-4	. AXIS M1054 Net	03225F52-9DB6	PLUTO8	PLU
Server Logs			-0							_
Reports		06ec5 AXIS P1353 Netw	@							PLU
		08164 AXIS 01353 Netw	0	http://192.168.1000408CDE6855		1a5e4ab8-9b16.	AVIS 01353 Netw	03225E52-9D86-	PULITOR	PLI
Camera Recording		OLOT. AND LOSS RELAT	¥	http://152.100.10 004000000000		1050-000 5010		. 03223132 3000	120100	
Recording Servers		12964f AXIS P1353 Netw	@							PLL
System Dashboard										_
System Monitor		29fb94 AXIS P1353 Netw	9	http://192.168.10 00408CDE6856		1a5e4ab8-9b16	AXIS P1353 Netw.	. 03225F52-9DB6	PLUTO8	PLU
Diagnostics Tool Configuration Reports		5	<u></u>							``
V V										

Inventory Report

This report allows users to check all available models for all or single site(s) and per model as well.



Camera Recording Report

Easily check the device recording status, database on which the devices are being recorded, as well as the storage path, recording start date, the recording hours till date, and the retain hours.

Navigation	Sites							X	PDF
Metadata	PLUTO6\SQLEXPRESS	Name	Recording Status	Database Storage Path	Recording Start Date	Recording Hours	Retain Hours		
	PLUTO8\SQLEXPRESS	ACCR Camera	True	Local default C:\MediaDatabase	9/15/2020 9:38:44 AM	26:14	72		
Profiles		AXIS M1054 Network Camera (192.168.100.112)- Camera 1	True	Local default C:\MediaDatabase	9/15/2020 9:38:41 AM	26:14	72		
Smart Client Profiles Management Client Profiles		AXIS P1353 Network Camera (192.168.100.45)- Camera 1	True	Local default C:\MediaDatabase	9/15/2020 9:38:47 AM	26:14	72		
		AXIS M5014 PTZ Dome Network Camera (192.168.0.115) - Camera :	1 True	Local default C:\MediaDatabase	9/16/2020 8:26:04 AM	3:26	72		
		Mask Detection - Camera 2	True	Local default C:\MediaDatabase	9/15/2020 9:38:42 AM	26:14	72		
Notification Profiles Notification Notification									

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Recording Servers Report

Recording server report lists all the recording servers defined under management server with their related information (name, description, enabled, active, type, ports, version, drive name, media data used, free data, total size, disk write and read speed instances, etc...)



Services

All milestone services can be started, stopped, and restarted under Services node for all sites in parallel or site by site.

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Navigation		Sites	Services			
Profiles	^	All Sites	Service Name	Service Address	Status	
Management Client Profiles		PLUTO5-CHILD	Milestone XProtect Recording Server	PLUTO5-CHILD	Running	
Rules and Events			Milestone XProtect Management Server	PLUTO5-CHILD	Running	
Time Profiles			Milestone XProtect Log Server	PLUTO5-CHILD	Running	
Notification Profiles			Milestone XProtect Event Server	PLUTO5-CHILD	Start	
Analytic Events					Stop	
Logs					🛱 Restart	
Alarms						
🗐 🖬 Security						
Roles						
Server Logs						
Reports						
Devices Devices Inventory Camera Recording Recording Servers						
Services						
System Monitor Diagnostics Tool Configuration Reports Remote Assistance Site Configuration	~					

Services			
Service Name	Service Address	Status	
Milestone XProtect Recording Server	PLUTO5-CHILD	Running	F
Milestone XProtect Management Server	PLUTO5-CHILD	Running	
Milestone XProtect Log Server	PLUTO5-CHILD	Running	
Milestone XProtect Event Server	PLUTO5-CHILD	Start Stop Restart	

System Monitor

Under System Monitor, you can easily view and check the system status. Select Site Overview under chart type to check the sites' state, the programs installed, the services configured with their related addresses, and current CPU and memory counter levels.



hart Type	Federated Sites					
te Overview	PLUTOS-CHILD All Sites PLUTO6 PLUTOS-CHILD PLUTOS-CHILD PLUTO8					
	Site Name Program Name	Version	^	Site Name	Service Name	Address
	PLUTO5-CHILD SQL Server 2017 Client Tools Extensions	14.0.1000.169		PLUTO5-CHILD	Event Server	http://PLUTO5-CHILD:22331/
	PLUTO5-CHILD Milestone XProtect Smart Client 2019 R3 (64-bit)	13.31.23		PLUTO5-CHILD	Legacy log server	http://PLUTO5-CHILD:22337/LegacyLogSe
	PLUTO5-CHILD SQL Server 2017 Database Engine Shared	14.0.1000.169		PLUTO5-CHILD	Log server	http://PLUTO5-CHILD:22337/LogServer/
Online (3) Offline (0)	PLUTO5-CHILD SQL Server 2017 Shared Management Objects	14.0.1000.169		PLUTO5-CHILD	Recording Server (PLUTC	5-CHILD) PLUTO5-CHILD
	PLUTO5-CHILD SQL Server 2017 XEvent	14.0.1000.169		PLUTO5-CHILD	Report Server	http://pluto5-child/Reporting/
Site Name	PLUTO5-CHILD SQL Server 2017 Client Tools Extensions	14.0.1000.169				
PLUTOS-CHILD	PLUTO5-CHILD Microsoft VSS Writer for SQL Server 2017	14.0.1000.169				
	PLUTO5-CHILD SQL Server 2017 Database Engine Services	14.0.1000.169				
	PLUTO5-CHILD SQL Server 2017 Batch Parser	14.0.1000.169				
	PLUTO5-CHILD Milestone XProtect Recording Server (64-bit)	13.31.44				
	PLUTO5-CHILD Microsoft ASP.NET Core Module	12.2.19047.0				
	PLUTO5-CHILD Microsoft ASP.NET Core 2.2.3 Shared Framework (x64)	2.2.3.0				
	PLUTO5-CHILD Microsoft SQL Server 2017 Setup (English)	14.0.1000.169				
	PLUTO5-CHILD Microsoft Analysis Services OLE DB Provider	15.0.1600.41		3		
	PLUTO5-CHILD 6SS Mask Detection	1.1.3		2	2	2.11/3.02 GB 50 mm/mm 3
	PLUTO5-CHILD Active Directory Authentication Library for SQL Server	15.0.1300.359		01		0
	PLUTO5-CHILD SQL Server 2017 Shared Management Objects	14.0.1000.169				
	PLUTO5-CHILD Milestone XProtect VMS Legacy Device Pack	1.2.1.105	v			

Site Configuration lists all federator sites' configuration in a glimpse, including number of recording servers, models, cameras, inputs, outputs, and rules.

rigation	Si	ystem Monitor						
Models Microphones Speakers Metadata	^	Chart Type Site Configuration	· · ·	Federate All Sites	d Sites	~		
			PLUTO6\SQLEXPRESS			PLUTO5-CHILD		PLUTO8\SQLEXPRESS
Profiles		1	Recording Server		1	Recording Server	1	Recording Server
Rules and Events		3	Models		2	Models	2	Models
		11	Cameras		10	Cameras	2	Cameras
Analytic Events		3	Inputs		3	Inputs	3	Inputs
Alarms		66	Outputs		17	Outputs	10	Outputs
Alarms Definition Security P Roles Basic Users Server Logs Reports Devicer		4	kules		1/	RUIES	10	Rules

Under Camera Status Overview, instantly check all cameras operating and recording status as well as the number of downtime and uptime hours.

Federator					-	- 🗆	×
Navigation	System Monitor						
E	Chart Type	Federated Sites	Source Name				
Recording Servers	Camera Status Overview 🗸 🗸	PLUTO5-CHILD	 All Cameras 	~			
	Site Overview						
Cameras	Site Configuration						
Microphones	Camera Status Overview Ca	mera Operation			Camera Recordin	g	
Speakers		Operating				Recording	
Metadata		Not Operating			-	Not recordin	
📩 Input							
Output							
Profiles	4 ()	0			4 0		
Management Client Profiles							
E Rules and Events							
Time Profiles							
Notification Profiles	Source Name			500	urra Name		
User-defined Events	Source Name			30	arce Name		
	AXIS M1054 Network Camera (192.168.100.112) - Ca	amera 1 Operating since 1 hour(s)		AX	S M1054 Network Camera (192.168.100.112) - Camera 1		
Generic Events	AVIS 01252 Network Camera (102 159 100 45) - Cam	pera 1 — Operating since 1 hour/s)			S 21252 Network Camera /102 152 100 451- Camera 1		
Logs	AND P1000 NEtWOR Carriera (192.100.100.40)* Carr	lera i operating since i noor(s)		· · · · · · · · · · · · · · · · · · ·	s P1555 Network Camera (152.105.105.45)+ Camera 1		
Alarms	Mask Detection - Camera 1	Operating since 1 hour(s)		Ma	sk Detection - Camera 1		
Alarms Definition	Saudi huv	Operating since 1 hour(s)		521	INTERNAL		
Poler	Successive and the second s	operating since 1 hour(s)					
Basic Users							
Server Logs							
🚊 📲 Reports							
Camera Recording							
Recording Servers							
Services							
System Monitor							
Diagnostics Tool							

Diagnostics Tool

Launch Milestone diagnostics tool to check and gather diagnostic data for your federator sites including (but not limited to) Milestone XProtect[®] log files, Milestone XProtect configuration data, Microsoft Windows system information, etc.



Configuration Report

Export configuration report for each site in pdf format. Select from the reports tree view the nodes to be listed within the report and click the Export button.



onneporupui	×			—	
1 / 42 🗇 🖒 🖶	💽 🔎 🗩 🛛 Find:	↓ ▷ ⅔A			
Re	ecording servers				
DIT					
FLO	105-CHILD				
Info	1				
Nar	me:	PLUTO5-CHILD			
Des	scription:				
Hos	st name:	PLUTO5-CHILD			
Loc	cal web server address: eb server address:	http://pluto5-child:/563/			
Tim	ne zone:	(UTC+02:00) Beirut			
Hard	durana lint				
hard	dware list				
Nan	me	Enabled			
AXI	IS M1054 Network Camera (192.168.)	100.112)			
AAI	LIS P1353 Network Camera (192.168.1	00.45)			
Mas	isk Detection - Camera 1	Ľ			
Mas	isk Detection - Camera I	Z	- 1		
<u>Mas</u> Stora	isk Detection - Camera I	Ľ			
<u>Stora</u>	isk Detection - Camera 1 age op the recording server if a recording	No			
Mas Stora Stor	isk Detection - Camera 1 rage op the recording server if a recording rage is unavailable	No			
Mas Stora Stor	age pp the recording server if a recording rage is unavailable prage name:	No Local default			
Mas Stora Stor Stor Dev	isk Detection - Camera 1 Tage To possible the recording server if a recording rage is unavailable To rage name: Vice count:	No Local default 24			
Mas Stora Stor Stor Dev Def	isk Detection - Camera 1 age p the recording server if a recording rage is unavailable prage name: vice count: fault storage;	No Local default 24 Yes Cuba is De the			
Mas Stora Stor stor Dev Def Path Path Park	rage p the recording server if a recording rage is unavailable rage name: vice count: fault storage: th: tawtion time.	Image: No Local default 24 Yes C:\MediaDatabase 2 dame			
Mas Stora Stor stor Dev Def Path Rete Max	rage p the recording server if a recording rage is unavailable prage name: vice count: fault storage: th: tention time: primum size:	Image: No Local default 24 Yes C:\MediaDatabase 2 days 1000 GB			
Mas Stora Stor stor Dev Def Path Rete May Sign	rage pp the recording server if a recording rage is unavailable prage name: vice count: fault storage: th: tention time: textinum size: raing:	Image: No Local default 24 Yes C:\MediaDatabase 2 days 1000 GB No			
Mas Stora Stor stor Dev Def Path Reto Max Sign Ence	isk Detection - Camera 1 Tage Tage The recording server if a recording Trage is unavailable Trage name: Vice count: fault storage: th: tention time: tention	Image: No Local default 24 Yes C:\MediaDatabase 2 days 1000 GB No None			
Mas Stor Stor Stor Dev Def Path Rete Max Sign Ence	isk Detection - Camera 1 age p the recording server if a recording rage is unavailable rage name: vice count: fault storage: th: tention time: oximum size: ming: cryption: archive defined.	Image: No Local default 24 Yes C:\MediaDatabase 2 days 1000 GB No None			
Mas Stor Stor Stor Dev Def Path Rete Max Sign Ence No a	age age by the recording server if a recording rage is unavailable rage name: vice count: fault storage: th: tention time: oximum size: ming: cryption: archive defined.	No Local default 24 Yes C:\MediaDatabase 2 days 1000 GB No None			
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Mas Stor Stor Stor Stor Dev Def Patl Retu Max Sign Ence No a Failo Failo	isk Detection - Camera 1 age p the recording server if a recording rage is unavailable prage name: vvice count: fault storage: th: tention time: vximum size: ening: cryption: archive defined. over lover is not enabled. ticast	No Local default 24 Yes C:/MediaDatabase 2 days 1000 GB No None			
Mas Stor Stor Stor Dev Dev Patl Retu May Sign Ence No a Failo Failo	isk Detection - Camera 1 age pp the recording server if a recording rage is unavailable prage name: vice count: fault storage: th: tention time: eximum size: ening: cryption: archive defined. over lover is not enabled. ticast	No Local default 24 Yes C:/MediaDatabase 2 days 1000 GB No None			
Mas Stor Stor Stor Dev Def Patt Retu May Sign Enci No a Failo Failo	Isk Detection - Camera 1 Tage Tage Trage name: Trage n	No Local default 24 Yes C:\MediaDatabase 2 days 1000 GB No None			

Remote Assistance

Federator provides as well Remote Assistance windows feature directly embedded into the plugin in order to assist any site not limited to the federator sites list.

With Windows Remote Assistance you can help any site experiencing computer trouble on their Microsoft Windows system, or you can just show them how to do something right from where you're sitting.

🔆 Federator					-	
Novigation	Description Applications					
Navigation	Remote Assistance					
💺 Microphones 🔺						
E-Profiles						
Smart Client Profiles	-					
Management Client Profiles						
E Rules and Events						
🗧 Rules						
Time Profiles						
Notification Profiles		Se	elect/Enter Computer Name or IP Address:	✓		
User-defined Events						
Analytic Events				PLUTO5-CHILD		
Generic Events			Connect to remote machine	PLUTOS		
				120100		
Alarms Definition						
Security						
Roles						
Basic Users						
E- Reports						
📃 Inventory						
Camera Recording						
Recording Servers						
😫 Services						
🖶 📊 System Dashboard						
😑 🛅 System Monitor						
Diagnostics Tool						
Configuration Reports						
Remote Assistance						
Site Configuration						

FAQ Frequently Asked Questions

How to enable Named pipes and TCP/IP protocols?

Go to Windows Start screen and navigate to Microsoft SQL Server folder and click on SQL Server Configuration Manager.



Navigate to SQL Server Configuration Manager > SQL Server Network Configuration > Protocols for <machine instance>

 Sql Server Configuration Manager File Action View Help 			_	×
 	Protocol Name Shared Memory Named Pipes TCP/IP	Status Enabled Disabled Enabled		

Double-click Named Pipes. The Named Pipes Properties screen appears. From Enabled, select Yes. Then click OK.

lamed Pipes Properties			?	×
General	No			_
Pipe Name	\\.\pip	e\sql\query		-
I				
Enabled Enable or disable Named Pi	pes protocol for	this server insta	nce	
ОК	Cancel	Apply	He	lo



From SQL Server Management Studio, restart the server instance.

How to find SQL server instance name?

There's lot of ways to obtain SQL instance name.

Option 1:

Launch the SQL Server Configuration Manager.

Go to Start > Microsoft SQL Server > SQL Server Configuration Manager. Locate the running MS SQL Server instance name (circled below in red). This is what you'll need to enter in the record.



Option 2:

Launch windows Services app.

Go to Start and search for services. Locate the running SQL Server instance name (circled below in red). This is what you'll need to enter in the record.



What user privileges are needed to install Federator?

Before installing Federator application, you need to make sure that the user used to install SQL Server and Milestone XProtect product is a member of administrators and IIS_IUSRS groups.

Some privilege access errors might occur while using Federator, especially if you are in a workgroup environment and SQL Server and Milestone services are installed with a local user.

	×
Requested registry access is not allowed	
Requested registry access is not anowed.	
ОК	



Reason:

User Account Control (UAC) is turned on the federated sites.

Resolution:

Search for **UAC** from windows search to open Change User Account Control Settings.

Then, select "Never notify" to disable UAC

User Accour Tell me mor Always r	nt Control helps prevent potentially harmful programs from making changes to your computer. re about User Account Control settings notify
-	 Never notify me when: Apps try to install software or make changes to my computer I make changes to Windows settings This setting will take effect after you click OK and restart your PC.
Never no	otify

Now turn off UAC via registry by changing the DWORD "EnableLUA" from 1 to 0 in "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\policies\ system".

9			Registry Editor	1	-1	ĸ
<u>File Edit View Favor</u>	ites <u>H</u> elp					
Eile Edit View Favor Image: system Image: system Image: system Image:	ites <u>H</u> elp I ndlers rstem cations es c s sons patibility eObjectDelayLoad t Query pi		Name (Default) ConsentPrompt ConsentPrompt DelayedDesktop disablecad dontdisplaylastu EnableCursorSu EnableCursorSu EnableLUA EnableBecureUI EnableUIADeskt FilterAdministra Iegalnoticecapti Iegalnoticetext LogonType PromptOnSecur scforceoption shutdownwitho	Type REG_SZ REG_DWORD REG_DWORD REG_DWORD REG_DWORD REG_DWORD REG_DWORD REG_DWORD REG_DWORD REG_DWORD REG_DWORD REG_SZ REG_SZ REG_SZ REG_SZ REG_DWORD REG_DWORD REG_DWORD REG_DWORD REG_DWORD REG_DWORD	Data (value not set) 0x00000000 (0) 0x00000000 (0) 0x00000000 (0) 0x00000000 (0) 0x0000000 (0) 0x0000000 (1) 0x00000000 (0) 0x0000000 (1) 0x0000000 (0) 0x00000000 (0) 0x0000000 (0) 0x0000000 (0) 0x0000000 (0)	-
b - Telephony	rectedoserbata	×	20 ValidateAdminC	REG_DWORD	0x0000001(1)	1

You will get a notification that a reboot is required. After the reboot, UAC is disabled.



You must restart your computer to turn on User Account Control Click to restart this computer Security and Maintenance

About 6SS

6SS was founded in 2013 with Headquarters in Minnesota, USA. 6SS is a modern video surveillance and security systems company that provides complete security solution that you need and deserve, from Software to Hardware to Professional Services and Training.

All our products will integrate fully with the Milestone VMS. 🔶

Any Questions?

Please reach out to us if you have any question or inquiry Email us at info@6ss.co

For more information visit: www.6ss.co

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