

Integration Manual

Milestone XProtect® Access with 2N® Access Commander





Integration of Milestone XProtect® Access with 2N® Access Commander

Description of included software and licences

2N® Access Commander, an access control software is the nerve centre of the whole 2N IP access control system. Through its simple and intuitive user interface the operator can manage access to the building and monitor the status of access units in real time. 2N[®] Access Commander can be integrated to Milestone Xprotect software in order to connect information from access system with videos.

2N Plugin for XProtect Access allows the integration with 2N[®] Access Commander. The integration enables viewing events, status and cardholder information within the Xprotect[®] Smart Client user interface.

- <u>2N® Access Commander</u> (version 1.11 and higher) installed and running
- License for Milestone Xprotect including access control door
- <u>2N plugin for Xprotect Access integration</u> (version 1.2.4.0)
- <u>XProtect[®] Access control</u> module version 2018 or newer (XProtect Enterprise, Professional, Corporate, Express, Expert)

Note: In order to make integration active, Access Control license is required and it can be obtained from Milestone's reseller or distributor. You can view license information of XProtect[®] Access module in the MIP Plugins section of the Management Application or in the license overview page of the Management Client. License information on individual devices is listed in the Associated Cameras tab of the Access Control system

Installation of the 2N Plugin for XProtect[®] Access

To start the installation wizard for the XProtect Event Server plugin: Run the file 2N Plugin for XProtect Access 1.2.4.0.exe on the computer that hosts the XProtect Event Server service.



💿 Setup - 2N Plugin for XPro	ect Access	_		×
	Welcome to the 2N P XProtect Access Setu	lugin Ip Wiz	for ard	
	This will install 2N Plugin for XProtect A computer.	ccess 1.1	.0.0 on ya	our
	It is recommended that you close all o continuing.	ther applic	ations be	fore
	Click Next to continue, or Cancel to ex	it Setup.		
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1. The installer automatically detects the location of the XProtect Event Server and deploys relevant files into a correct subfolder on the machine.

💿 Setup - 2N Plugin for XProtect Access	—		×
Installing Please wait while Setup installs 2N Plugin for XProtect Access on	your comput	ær.	
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💿 Setup - 2N Plugin for XProtect Access	—		×
Select Start Menu Folder Where should Setup place the program's shortcuts?		(
Setup will create the program's shortcuts in the following St	art Men	u folder.	
To continue, click Next. If you would like to select a different folder,	click Bro	wse.	
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2. The installer provides an ability to automatically restart Xprotect Event server in Milestone automatically when installation completes. Alternatively restart the XProtect Event Server at a later time from the XProtect Management Application or Windows services.

Configuration of XProtect® Access

After installing the XProtect Event Server plugin, set up an integration to the 2N[®] Access Commander software.

- 1. Open the Milestone XProtect Management Application (or Management Client).
- 2. Make a right-click on the "Access Control" option to create a new integration.



Milestone XProtect Management Clien	t 2016					
File Edit View Action Tools Help						
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Site Navigation	<i>S</i> X	Access Control	9	Access Control Inform	ation	
oliput → Output → ↓ Client	^			Access (Control:	
Cient	× ~	Create new Refresh	v F5	Ena Name	Connection Status	Connection Information

3. In new dialog box, select 2N Access Control as an "Integration plug-in". It should be offered to you as an option in the select box.

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Navigation	Access Control	Access Control Informati	on
do Input	Access Control	4	
Durpur		Access C	ontroi:
Smart Wall		Create Access Control Sy	stem Integration
- Can View Groups			
- 😥 Smart Client Profiles		Create access	control system integration
Management Client Profiles			
Matrix		Name the access cor	trol system integration, select the integration plug-in and enter the connection details.
Pules and Events			
Time Profiles		Name:	2N Access Commander
Notification Profiles		Integration plug-in:	Access Control module Y
- 💎 User-defined Events		Addeses	102 169 70 4
Analytics Events		Address.	132.100.104
Generic Events		Port:	445
Bole:		Username:	Admin
R Basic Users		Password:	••
🕀 🕥 System Dashboard			
Current Tasks			
- System Monitor			
System Monitor Thresholds			
Configuration Benots			
E F Server Logs			
System Log			
Audit Log			
Rule Log			
Transact			Next Canc
F) Transaction sources			
Transaction definitions			

Fill in relevant fields for connection with 2N[®] Access Commander system and click to "Next" button.



Field Name	Field Description
Name	Name of 2N access control system which is displayed within the Milestone XProtect software.
Address	Network address of a serve where is 2N [®] Access Commander installed.
Port	Network port for connection to $2N^{\circ}$ Access Commander (default is 443).
Username	Username of Administrator account in 2N [®] Access Commander (default is "admin")
Password	Password of Administrator account in 2N [®] Access Commander.

4. The XProtect Event Server establishes a connection with 2N[®] Access Commander to retrieve the list of entities. Milestone XProtect Management Application (or Management Client) shows a list of the configuration items that were retrieved from 2N[®] Access Commander.

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File Edit View Action Tools	Help	
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Site Navigation	Access Control Access Control Information	2
Cameras	Access Control	
Microphones	Access Control	
Matadata	Create Access Control System Integration	
Output	Connecting to the access control system	
🕀 💷 Client	Collection and sumplies data	
- 🔠 Smart Wall	Collecting conliguration data	
- Ciew Groups		
- 🛃 Smart Client Profile	Configuration successfully received from access control system.	
Management Client		
Matrix	Added:	
Rules and Events	Doors (1)	
Time Profiles	Units (1) 🔻	
Notification Profiles	Servers (1)	
	Events (9)	
- 🔻 Analytics Events	States (7) 👻	
🖶 🏟 Security		
Basic Users		
System Dashboard		
System Monitor System Monitor System Monitor		
Current Tasks		
Configuration Repo		
😑 🔚 Server Logs		
- System Log	Previous Next Cancel	
Audit Log		
Rule Log		
Access Control	•	
€ III	•	
Site Navigation Federated Site H	lierarchy	

- 5. Map or interconnect cameras in the XProtect with access points (doors) of the 2N IP intercoms and 2N[®] Access Unit in the access control system. This step is optional during initial configuration as mappings may be changed at any time. Please See the XProtect Administrator's manuals for more information.
- 6. When initial configuration is complete, the plug-in is activated in the XProtect Event Server and XProtect[®] Access functionality is enabled in the XProtect software.



- 7. Configure zones, users, access rights, devices, time profiles etc. via 2N[®] Access Commander's web interface.
- 8. After you finish configuration you can see video from 2N devices in XProtect Smart Client tool see example below.







Update existing configuration of XProtect® Access to reflect changes in 2N® Access Commander

If any changes are made in the 2N[®] Access Commander, such as adding, removing or renaming devices, you must update the configuration of the integration.

- 1. Edit the properties of the access control system integration that appears as a option below Access Control in the Management Application or Management Client.
- 2. In the General settings tab, click on "Refresh Configuration" button. XProtect Event Server plugin retrieves added, changed or removed items from the 2N[®] Access Commander(see picture below)
- 3. Verify that the detected changes are correct and apply them to the running access control system integration.

Doors and Associated Cameras Enable: Image: Cameras Access Control Events Name: Access Commader Access Control Actions Description: Image: Cardholders Integration plug-in: 2N Access Control (Version: 1.2.0.0, 1.2) Last configuration refrest: 207.2016 15:07 Refresh Configuration Address: Port: 443 Unserver 443	Doors and Associated Cameras Enable: Image: Control Events Access Control Events Name: Access Commader Access Control Actions Description: Cardholders Description: Integration plug-in: 2N Access Control (Version: 1.2.0.0, 1.2) Last configuration refresh 207.2016 15:07 Address: 10.0.14.55 Port: 443
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Username. admin	Username: admin
Password	Password:



Remove 2N® Access Commander integration from Milestone Xprotect Access

To remove the 2N[®] Access Commander integration from Xprotect[®] Access please do following:

- 1. Delete all access control settings related to integration with 2N[®] Access Commander in the Management Application or Management Client if they are not used any more.
- 2. Uninstall the 2N Plugin for XProtect Access integration from the computer running Xprotect Event Server.