20

INTEGRATION & INSTALLATION MANUAL

Milestone XProtect® Access with 2N® Access Commander



Summary

Integration of Milestone XProtect® Access with 2N® Access Commander	2
Installation of the 2N Plugin for XProtect® Access	4
Configuration of XProtect® Access	6
Update existing configuration of XProtect [®] Access to reflect changes in 2N [®] Access Commander	10
Remove 2N® Access Commander integration from Milestone Xprotect Access	11

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

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.

Solution Key Features:

Clear monitoring – the integration offers the operator to use the single intuitive interface for the video and access control monitoring and make better decisions based on visual verification

Real time event logging - see all access logs from 2N® Access Commander directly in the Milestone XProtect Access monitoring system in the real time with all users details, their photos and card IDs

Door control - version 1.3.0 newly offers users of Milestone XProtect Access the ability to control door switches. Door control options include: door switch triggering, door lockdown triggering and return to normal door switch state.

Integration with graphical maps - Newly introduced door control and new door icons combine with the existing event information capability to offer a perfect integration with the maps feature within Milestone. This means that users may benefit from a visual representation of their 2N controlled doors by placing door icons directly onto a map.

Post-incident solving – stored video records tied up with access control logs allow the operator to quickly identify the offender in case of any incident

Fingerprint and BLE – from the version 1.2.5 of the plugin, Bluetooth and Fingerprint access events are shown in XProtect.

Description of included hardware, software and licences

- 2N IP Verso Main unit with camera
- RFID Card Reader 13.56 MHz NFC
- Fingerprint reader- Installation
- USB Fingerprint reader (not included)
- Touch display Phone book, touch keypad for access code entry
- 2 or 3 Module Frame for surface installation
- 2N Enhanced Integration license for Intercoms
- 2N® Access Commander (version 1.11 and higher) installed and running
- **2N Access Commander plugin for Xprotect Access** (version 1.2.5.0 and higher)

Milestone software and license:

- XProtect[®] Access control module version 2018 or newer (XProtect Enterprise, Professional, Corporate, Express, Expert)
- License for Milestone Xprotect including access control door

Integration features:

• Access logs & cardholder information, switch control and status monitoring in XProtect.

Contact persons:

Business & Technical questions: integrations@2n.com

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 1.3.0.exe** on the computer that hosts the XProtect Event Server service.

💿 Setup - 2N Plugin for XPro	tect Access	_		×
	Welcome to the 2N F XProtect Access Set This will install 2N Plugin for XProtect computer. It is recommended that you close all continuing. Click Next to continue, or Cancel to e	Plugin up Wiz Access 1.1 other applic	for zard .0.0 on yo	our
	4	lext >	Can	cel

1. The installer automatically detects the location of the **XProtect Event Server** and deploys relevant files into a correct subfolder on the machine.

20

Setup - 2N Plugin for XProtect Access	<u> </u>		×
Installing Please wait while Setup installs 2N Plugin for XProtect Access on you	ur comput	er.	
			2
		Cano	tel
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 S	itart Menu	folder.	
To continue, click Next. If you would like to select a different folder	. click Brov	vse.	
			i l
2N TELEKOMUNIKACE	Bro	wse	
	Bro	wse	
	Bro	iwse	
	Bro	wse	
	Bro	wse	
	Bro	wse	

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

2N

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.



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.

Navigation	Access Control	Access Control Information	on	
- 🗸 Input - 🖓 Output	Access Control	Access Co	ontrol:	
Clent Smart Wall Yiew Groups Smart Clent Profiles Management Clent Profiles Matrix		Create Access Control Sy Create access Name the access con	ister Integration control system integration trol system integration select the integration plug-in and enter the connection details.	
Rules and Events Rules		Name:	2N Access Commander	1
Notification Profiles		Integration plug-in:	Access Control module	*
🔫 User-defined Events		Address	102 168 70 4	-
Analytics Events		Port	443	-
Security		Usemame:	Admin	
Roles		Password	240000	-
Basic Users				
System Log System Log System Monitor System Monitor System Monitor System Monitor System Monitor System Log System Log Rule Log Rule Log				
Access Control			Next	Cance
Transaction sources				

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[®] 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**.

Milestone XProtect Managemen	t Client 2014		L.	
File Edit View Action Tools H	elp			
⊟ 🤊 🕝 🗢 🕮				
Site Navigation	G 🔀 Access Control	Access Control Information		
- Cameras	Access Control			
Microphones		Access Control:		
Metadata	Create Access Control System Integration			
Metagata				
Output	Connecting to the access control	ol system		
Client		20		
Smart Wall	Collecting configuration data			
Ciew Groups				
Smart Client Profile	Configuration successfully received from access	s control system.		
Management Client				
Matrix	Added:			
E 🔯 Rules and Events	Doors (1)		-	
Rules	lloitr (1)		-	
- C Time Profiles	Convers (1)			
Notification Profiles	Servers (1)			
Vser-defined Event	Events (9)			
Analytics Events	states (7)		•	
Generic Events				
Boles				
Basic Users				
System Dashboard				
System Monitor				
2 Evidence Lock				
- Current Tasks				
Configuration Repo				
🕀 🔚 Server Logs				
System Log		Previous	Vext Cancel	
Audit Log				
Rule Log				
Access Control	-			
Contraction Contra	>			
Site Navination Federated Site Hier	archy	1		

- 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.





Milestone Xivote	ct Sinart Client 2016	-			36.2016 13:1849 - 🗗 🗙
Live Play	back Sequence Emforer	Alarm Manager	Access Control		-+ 0 0 1
					Access Control Administration 🔺 🔛
132551 Ø Thank	you for using this trial license to demonstrate	or evaluate the XProtect vicios man	agement software. The bial license	a not for commercial use. To fully license the product, please contact your rescher or find one on www.unliestoneoys.com.	8
Deem Deem	Cardholders				
Secret andbalace	9.0				
Today = Alleve	ets = Alldoors =				20 C
				Access Report	2
Tane +				Verso - 3.6.2	016 13:17:33.371
3.6.2015 13:17:38	Closed	2N Access Unit			
162055 131733		2N Access Unit			
3.6.2016 13:17:33	Access Granted (Credential)	2N Access Unit	Lukas		A A A
362005131644	Closed	2N Access Unit			A State of the sta
16 2016 13 16 20	Access Granted (Credential)	2N Access Unit	section		and the last
162005131635	Access Denied (Condential)	IN Access that			
16,2016 12,35:19	Closed	2N Helios IP Force			Y AN
162016123514	Access Granted (Credential)	2N Helios IP Force	Reception		
162015123514		2N Helios IP Force		N	
162015120417		2N Heliot IP Verso		1.01	11/1 month of the second
36,2055 1264 12	Access Granted (Credential)	2N Helos IP Verso	Amanda		
35,2025 12:04:12	Open	2N Heloi IP Yeso			and the second se
162016110796	Access Granted (Contential)	2N Helice IP Varia	Receptors		A Resident and a second s
162016110735	Open	2N Helios IP Varia			Constant State of State of State
				Access Gr	anted (Credential)
				line 24 Wi4 IL 17 2	
					8
				2N Access Unit	
					Lukas
					User
					Company
					Construction of the second sec
					2560
					Enal
					N/A Coultry
					7814494
					Code
					7788
					Group 2N arrays

2N

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.
- 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.

Access Control			
🧑 General Settings	General settings		
 Doors and Associated Cameras Access Control Events Access Control Actions Cardholders 	Enable: Name: Description:	Access Commader	
	Integration plug-in: Last configuration refresh:	2N Access Control (Version: 1.2.0.0, 1.2) 20.7.2016 15:07	
	Address:	10.0.14.55	
	Username:	admin	
	Password:	••	
			OK Cancel

Remove 2N® Access Commander integration from Milestone Xprotect Access

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

- 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**.