



# INTEGRATION & INSTALLATION MANUAL

Milestone XProtect® Access with 2N® Access  
Commander



## Summary

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## 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.

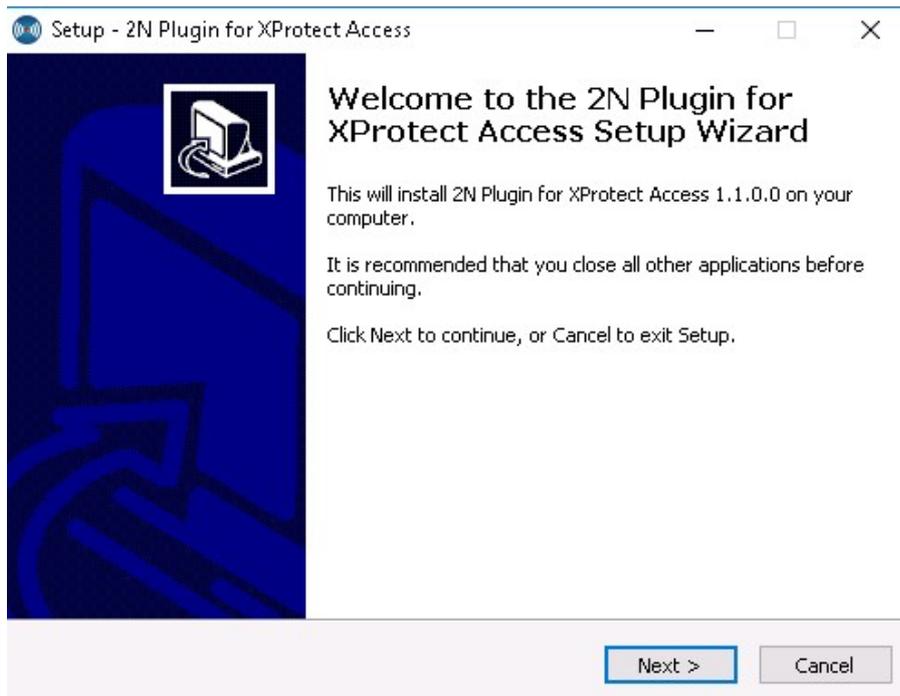
### **Contact persons:**

Business & Technical questions: [integrations@2n.com](mailto:integrations@2n.com)

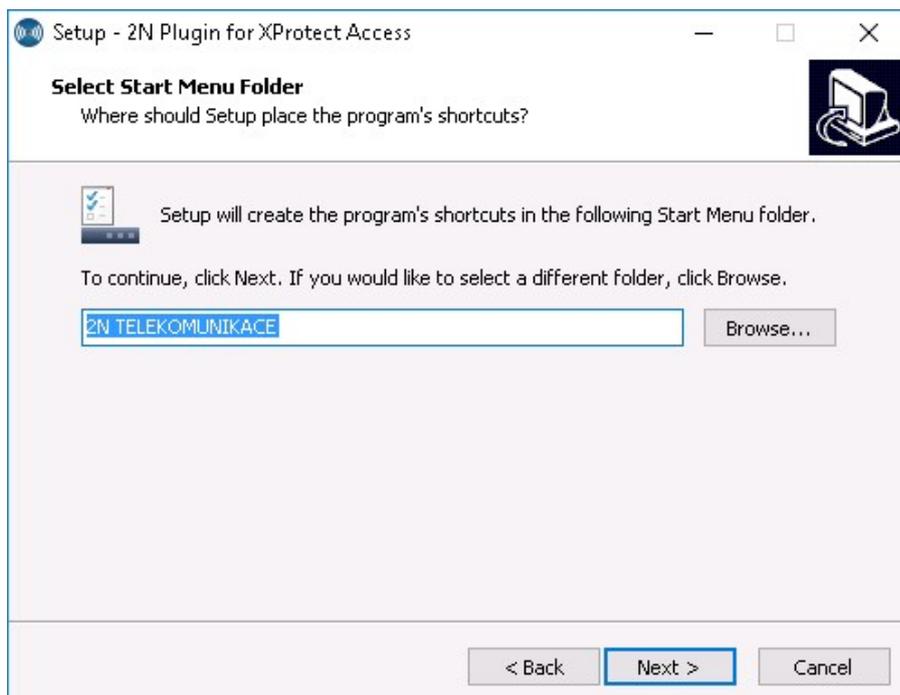
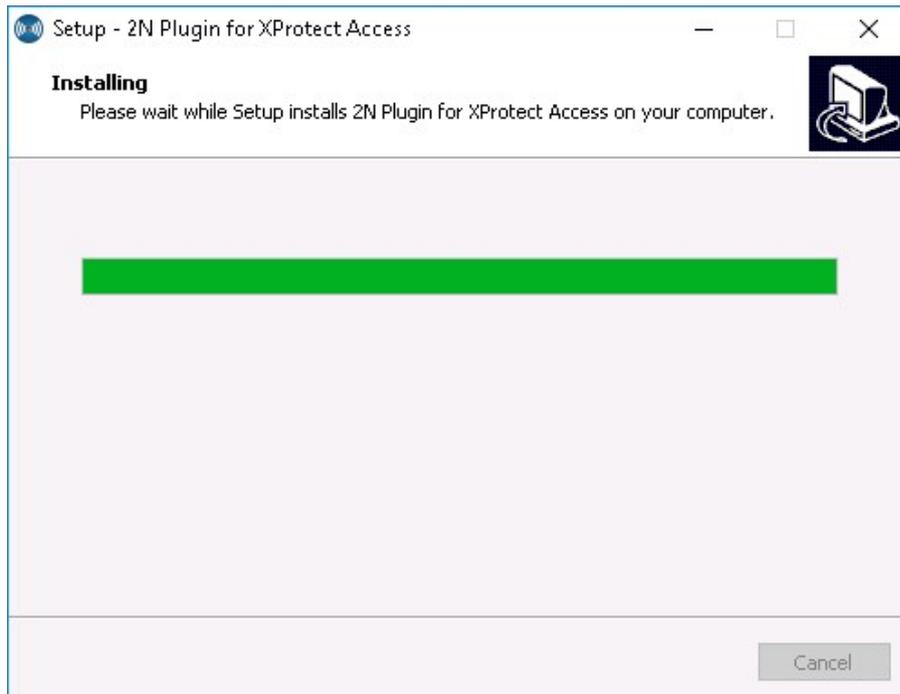
## Installation of the 2N Plugin for XProtect® Access

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.



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

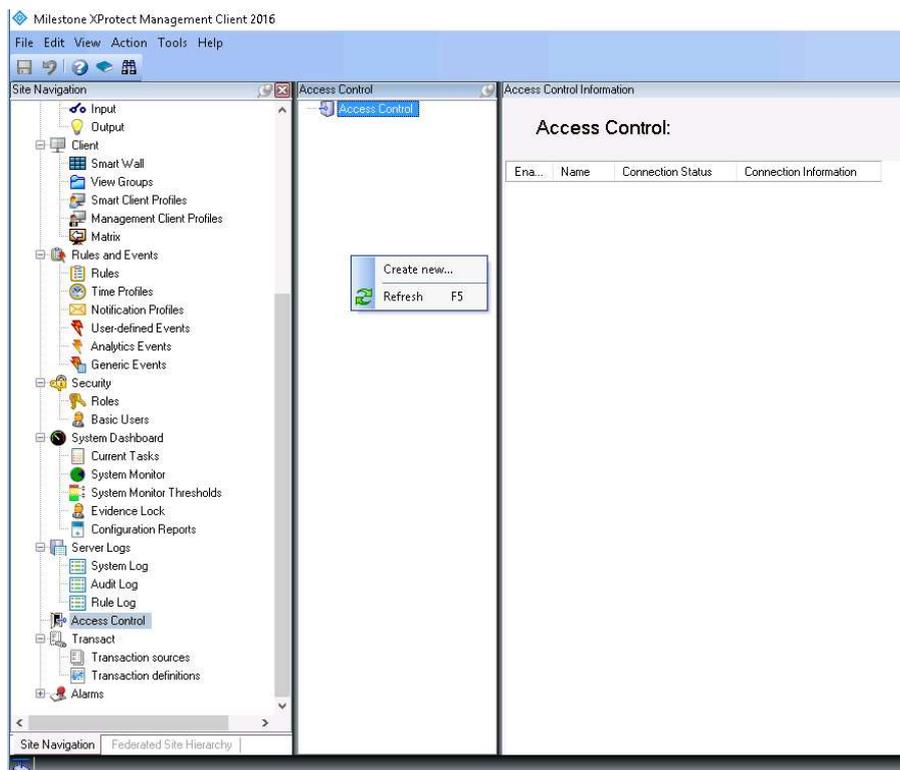


- The installer provides an ability to automatically restart **Xprotect Event server** in Milestone automatically when installation completes. Alternatively restart the **XProtect Event Server** at a later time from the XProtect Management Application or Windows services.

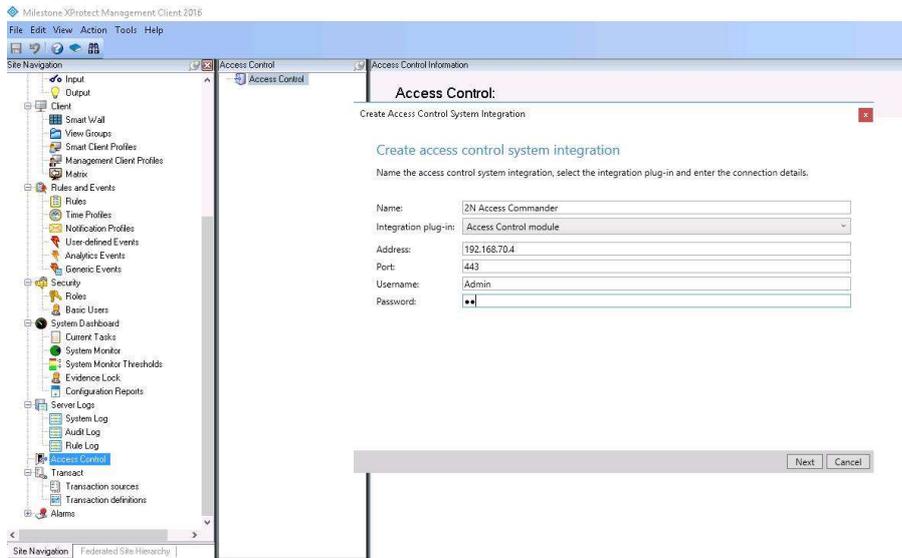
## Configuration of XProtect® Access

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.



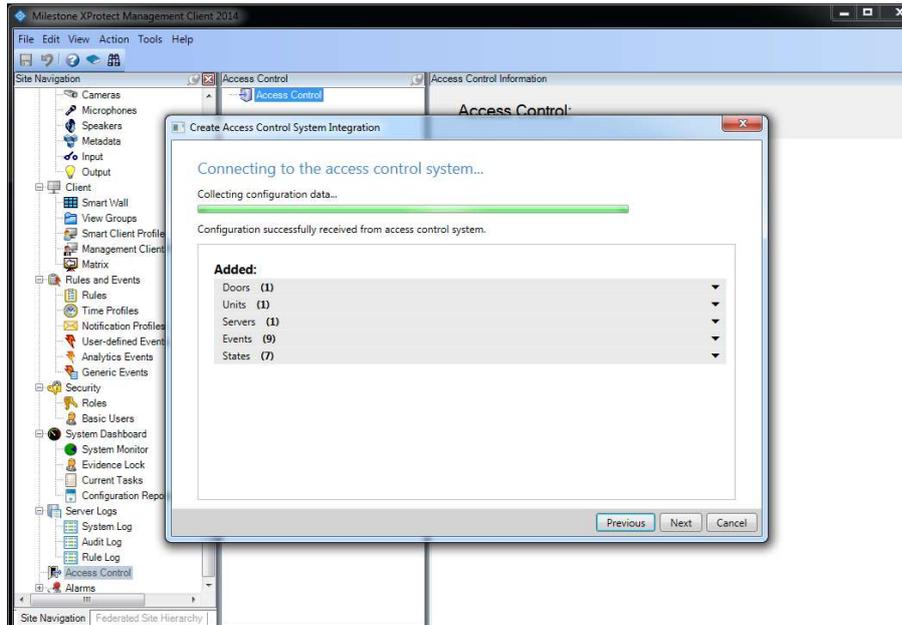
3. In new dialog box, select **2N Access Control** as an "Integration plug-in". It should be offered to you as an option in the select box.



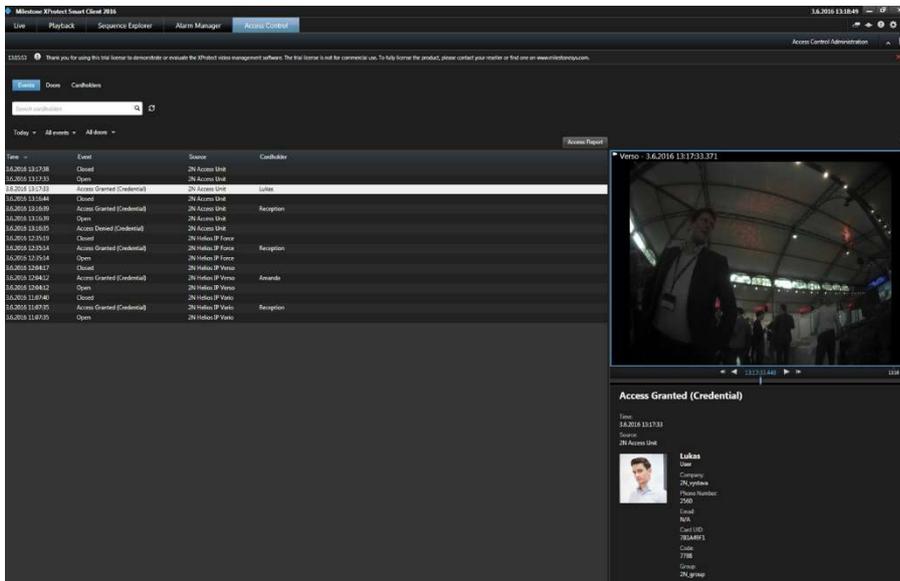
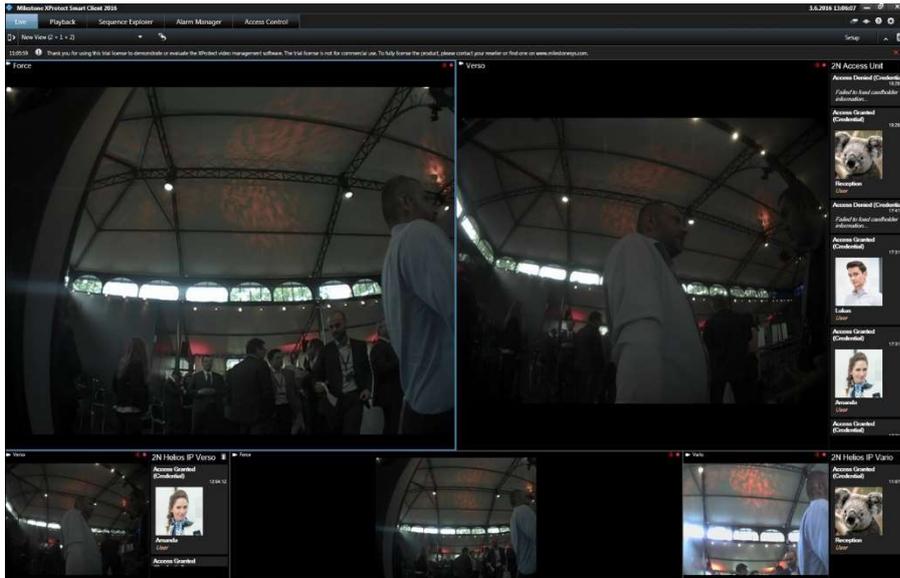
Fill in relevant fields for connection with **2N® Access Commander** system and click to "Next" button.

| Field Name      | Field Description   |
|-----------------|---|
| <b>Name</b>     | Name of 2N access control system which is displayed within the Milestone XProtect software. |
| <b>Address</b>  | Network address of a server where is <b>2N® Access Commander</b> installed.                 |
| <b>Port</b>     | Network port for connection to <b>2N® Access Commander</b> (default is 443).                |
| <b>Username</b> | Username of Administrator account in <b>2N® Access Commander</b> (default is "admin")       |
| <b>Password</b> | Password of Administrator account in <b>2N® Access Commander</b> .                          |

- 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**.



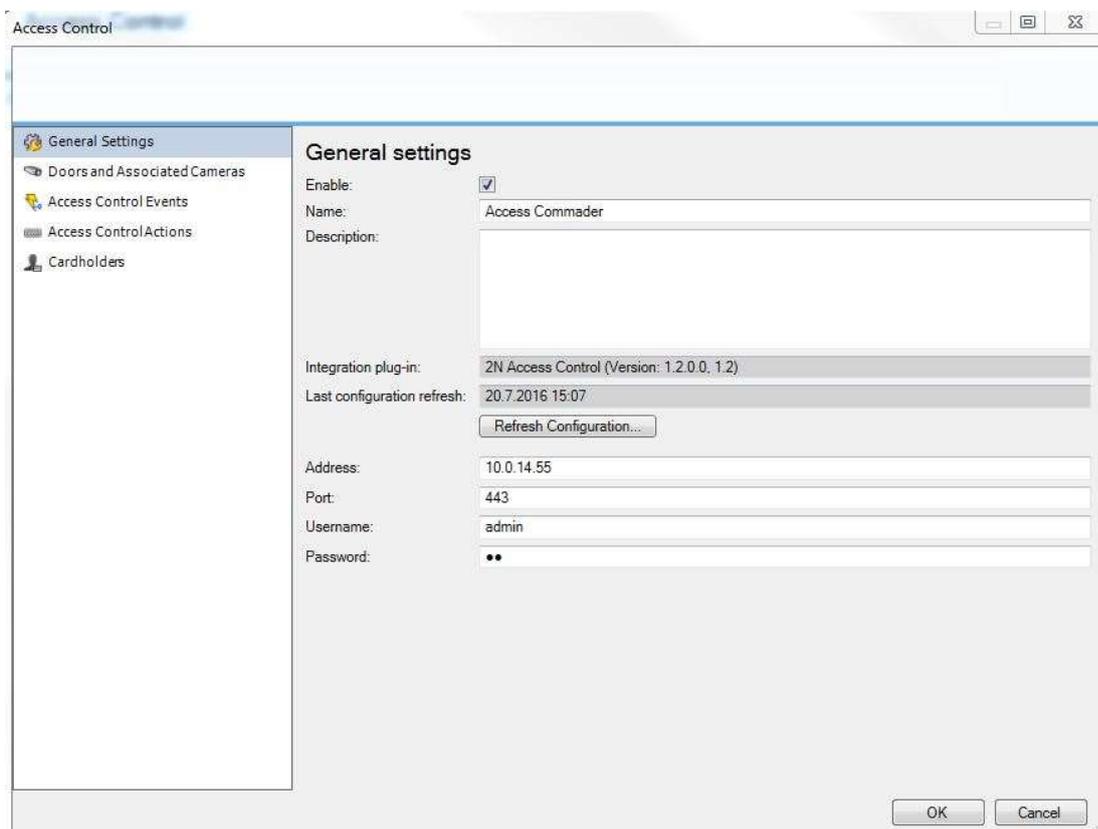
5. Map or interconnect cameras in the **XProtect** with access points (doors) of the **2N IP intercoms** and **2N® Access Unit** in the access control system. This step is optional during initial configuration as mappings may be changed at any time. Please See the **XProtect** Administrator's manuals 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 an 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.



## Remove 2N<sup>®</sup> Access Commander integration from Milestone Xprotect Access

To remove the **2N<sup>®</sup> Access Commander** integration from **Xprotect<sup>®</sup> Access** please do following:

1. Delete all access control settings related to integration with **2N<sup>®</sup> 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**.