



FaceMe® SECURITY

Setup Guide

for FaceMe SECURITY with Milestone VMS

Version 7.7.0

CyberLink Corp.

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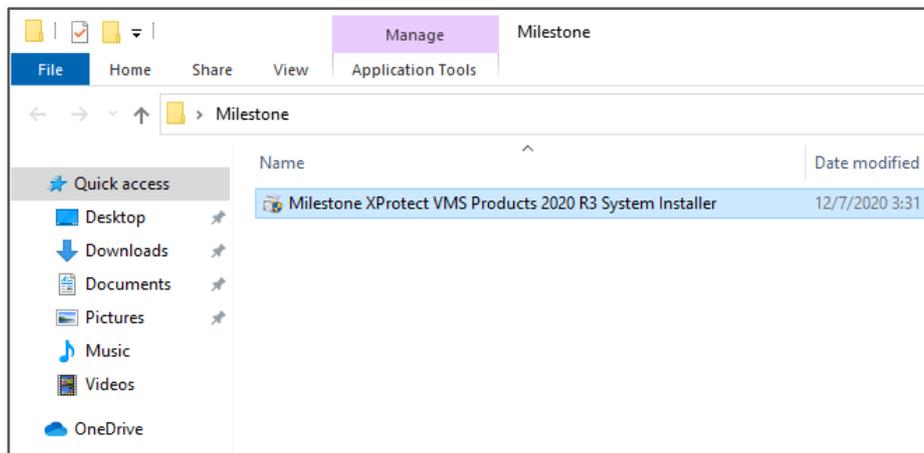
1 Install Milestone VMS

DO NOT install Milestone VMS and FaceMe SECURITY on the same computer to avoid port number conflicts.

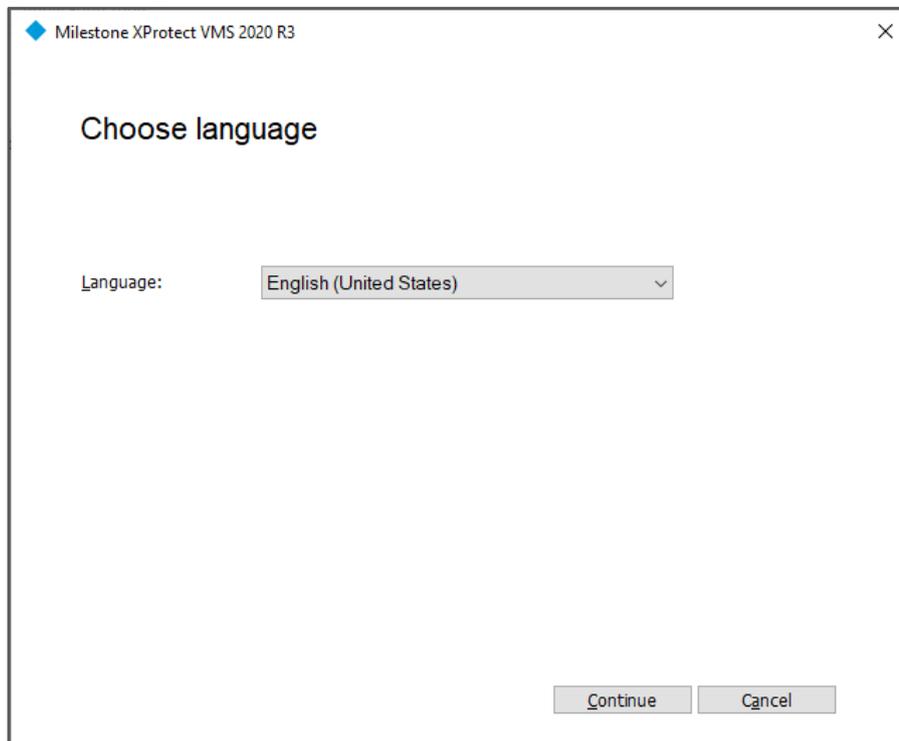
- 1.1 Download "XProtect Professional+" from the Milestone website. You can download it from the following link:

<https://www.milestonesys.com/support/resources/download-software/>

- 1.2 Click the “Milestone XProtect VMS Products System Installer” to start the installation.



- 1.3 Choose language for your Milestone XProtect VMS, and then click **[Continue]**.



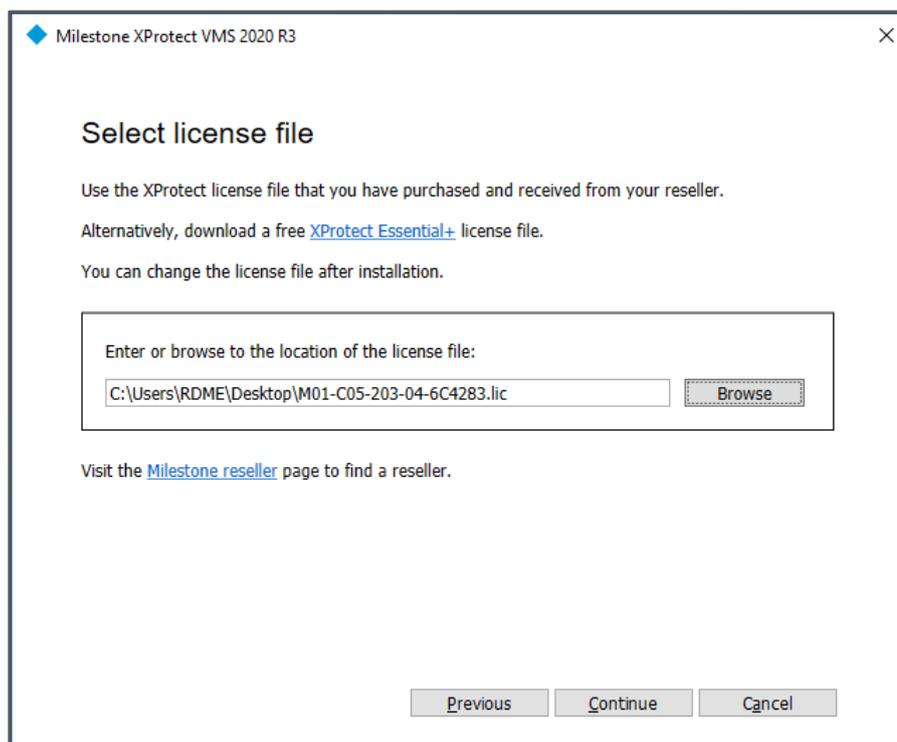
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1.4 Accept the Milestone license agreement, and then click [**Continue**].



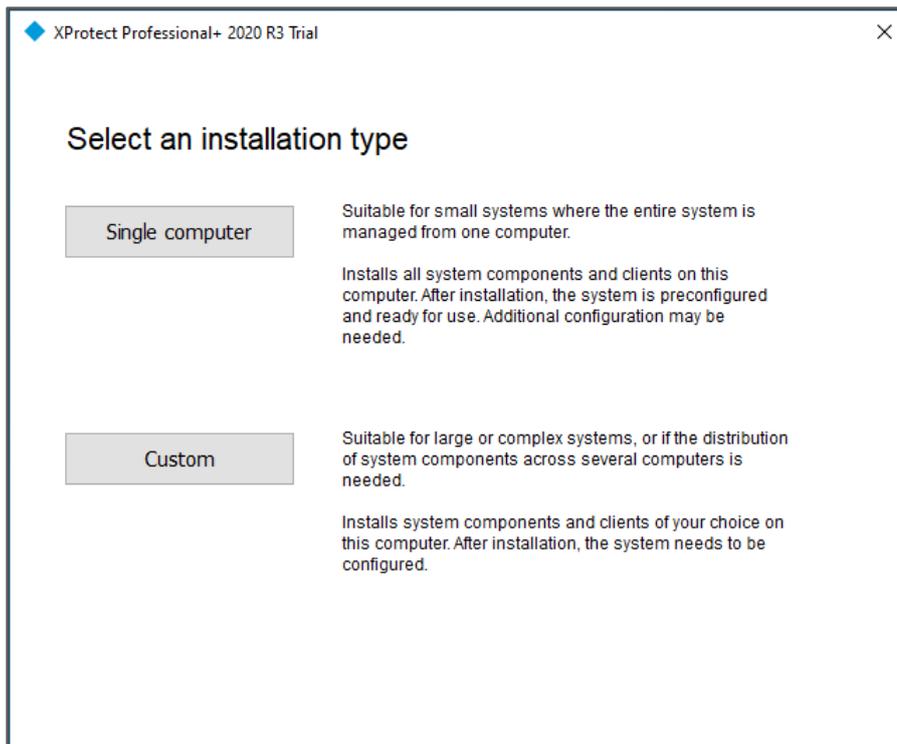
1.5 Select the "XProtect professional license" files that you have purchased and received from your reseller, and then click [**Continue**]. Please note that if you use a free license file, FaceMe Security can't be used with Milestone VMS.



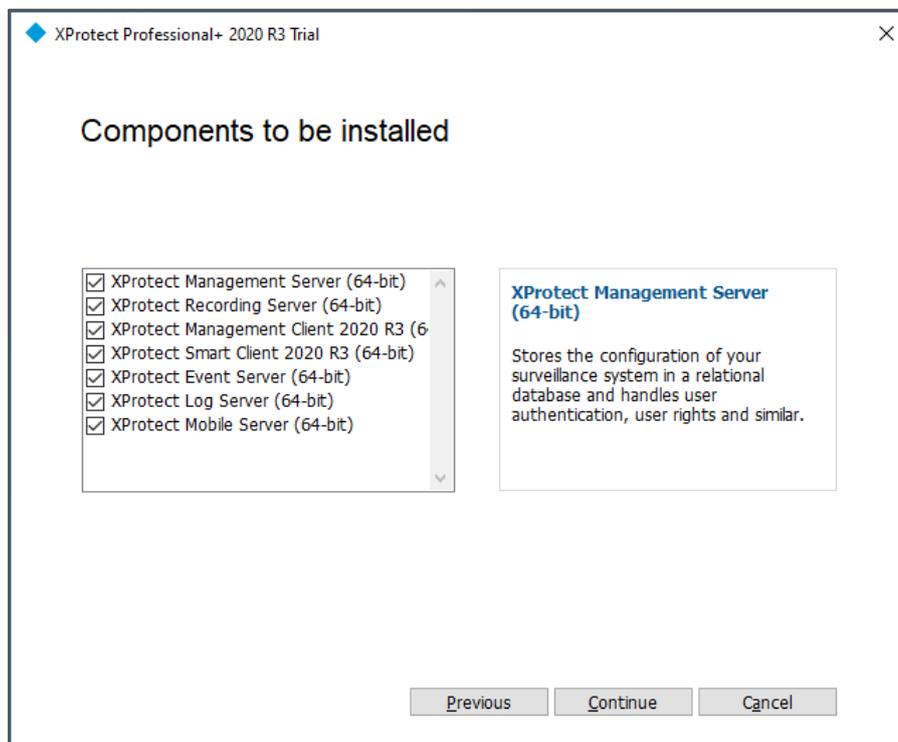
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- 1.6 Select an installation type.
(In this setup guide, we select ‘Single computer’ as an example)



- 1.7 Select all of the components to install, and then click [**Continue**].



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- 1.8 Assign a system configuration password (which is for system recovery or when expanding your system with additional management server resources), and then click [**Continue**].

◆ XProtect Professional+ 2020 R3 Trial

Assign a system configuration password

The system configuration password protects the overall system configuration. System administrators will need to enter this password in order to access the management server system configuration in case of system recovery or when expanding your system with additional management server resources.

⚠ It is important that system administrators save this password and keep it safe. Failure to do so may compromise your ability to recover the system configuration.

Password
●●●●●●●●

Confirm Password
●●●●●●●●

I choose not to use a system configuration password and understand that the system configuration will not be encrypted.

Previous Continue Cancel

- 1.9 Specify the recording server settings, and then click [**Continue**].

◆ XProtect Professional+ 2020 R3 Trial

Specify recording server settings

Recording server name:
DESKTOP-7A29H7I

Management server address:
DESKTOP-7A29H7I:80
Examples: localhost, managementserver.domain.com and managementserver.domain.com:81

Select your media database location:
Note: The recording server stores the recordings in the selected folder. It is recommended that you save your video recordings on a drive different from where you install the program. You select the installation location in the next step.
C:\MediaDatabase Browse...

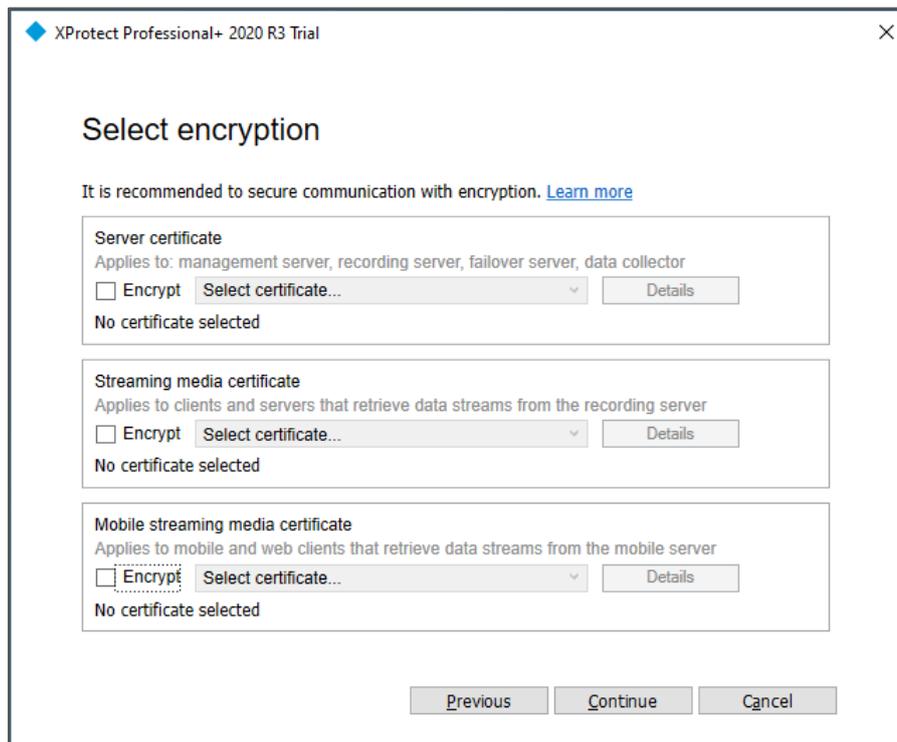
Free disk space on drive: 27 GB

Retention time for video recordings:
7 days

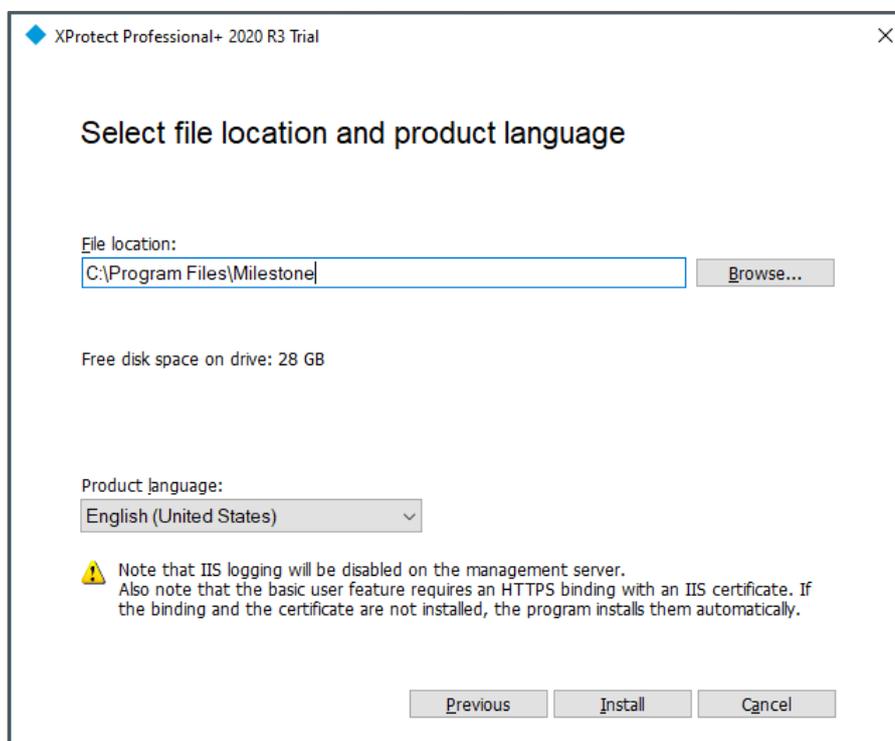
Previous Continue Cancel

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1.10 Select encryption certificates if needed, and then click **[Continue]**.

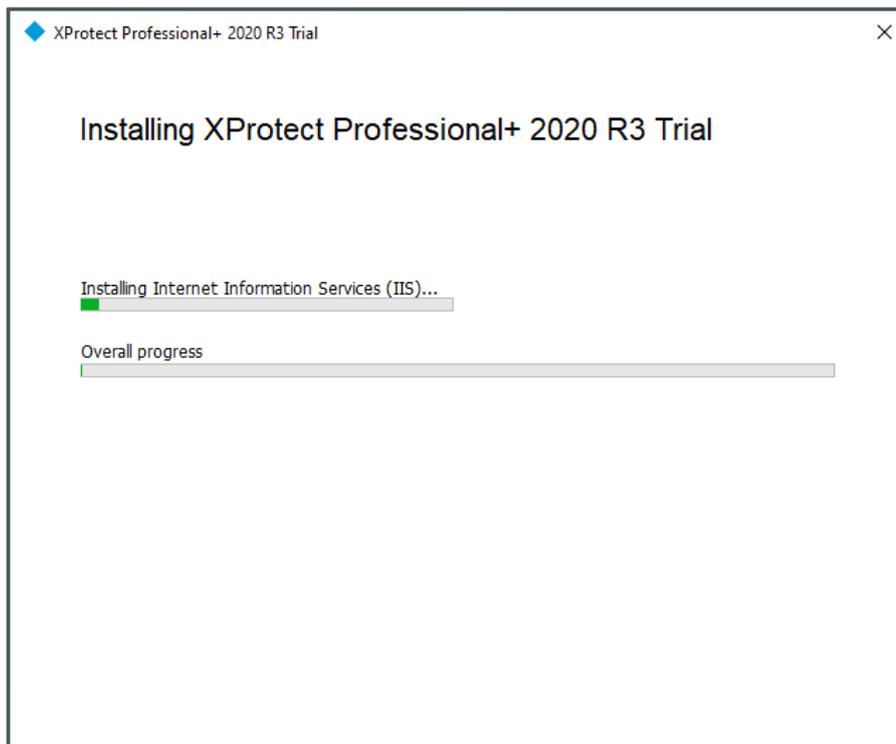


1.11 Select the file location and product language, and then click **[Install]** to start the installation.

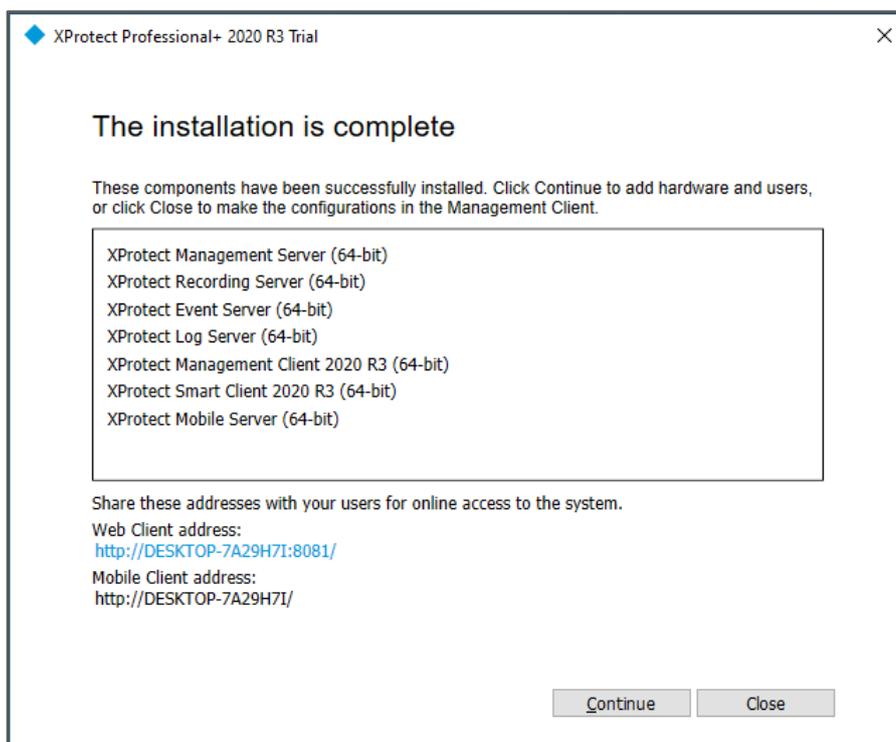


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1.12 Wait for the installation to complete.



1.13 When the installation is complete, click **[Continue]** to start the next setup.



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2 Configure Milestone VMS

When the installation is complete, the configuration helper for Milestone XProtect VMS will start automatically.

2.1 Set up the IPCAM.

Input the user name and password of IPCAM, and then click [**Continue**]. The configuration helper will scan and discover the usable IPCAM automatically.

◆ XProtect Professional+ 2020 R3 Trial

Enter user names and passwords for hardware

If you have changed hardware user names and passwords from the manufacturer defaults, add the values here. While scanning for hardware, the system will look for manufacturer default credentials as well as your customized credentials.

TIP: For security reasons, always remember to change hardware credentials from their manufacturer defaults.

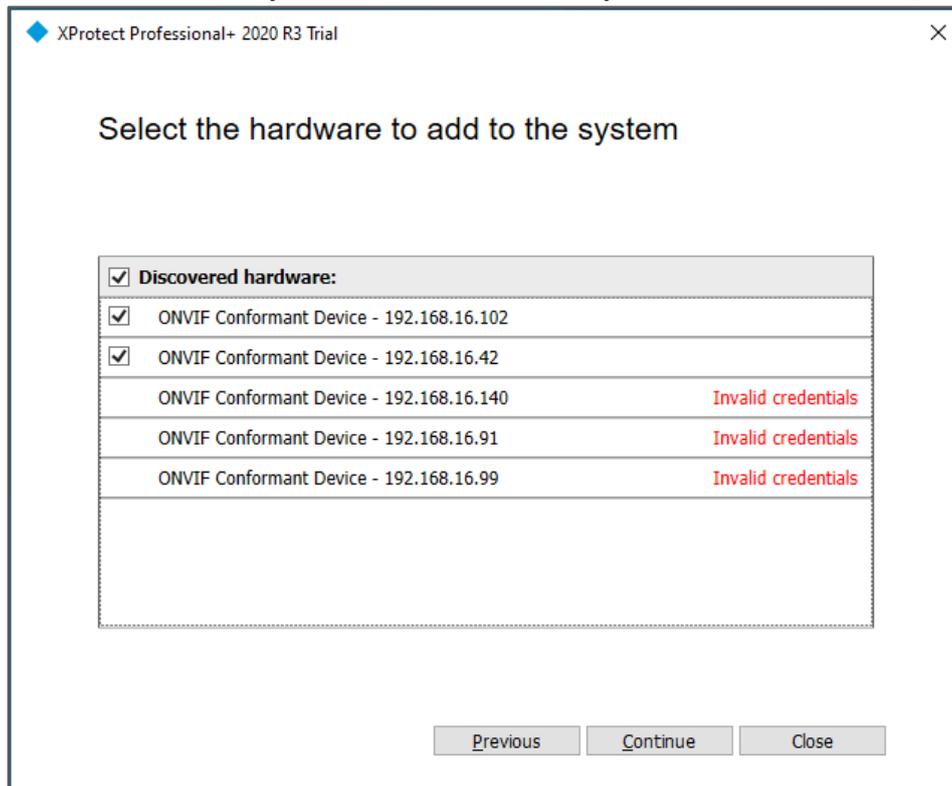
User name	Password
admin	●●●●●●●●

Continue Close

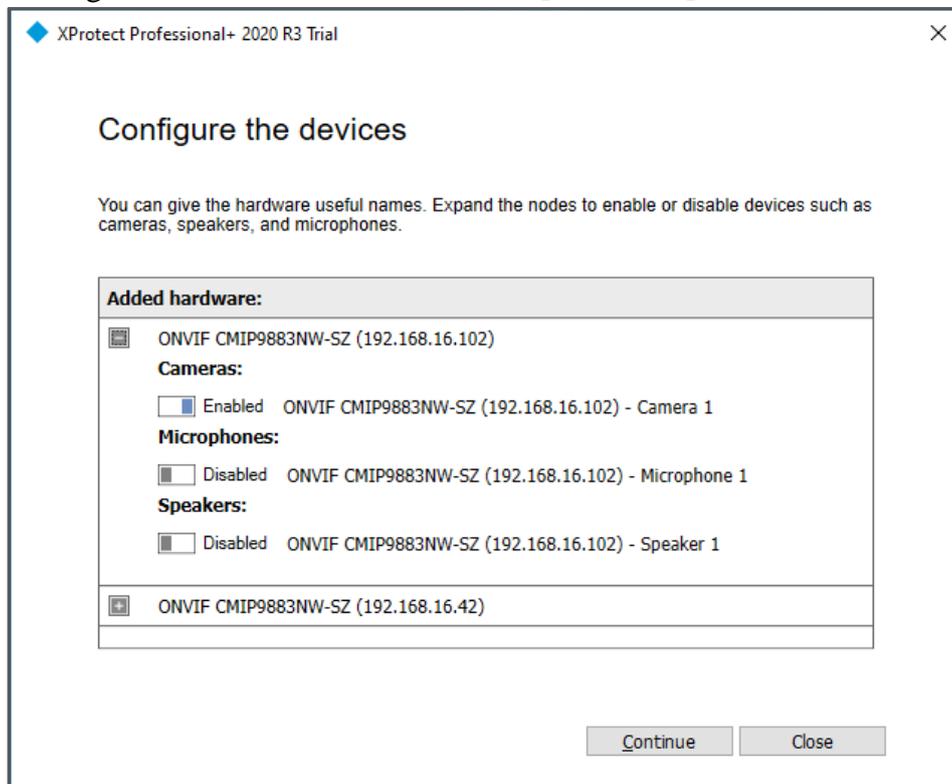
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2.2 Select the IPCAM you want to add to the system, and then click [**Continue**].



2.3 Configure the IPCAM, and then click [**Continue**].



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2.4 Create an administrator user for signing in to Milestone VMS and connecting FaceMe SECURITY with Milestone VMS.

Input a user name and password, set the User Type to **Basic user**, and then the Role to **Administrator**. Next, click the **[Add]** button once all required fields are filled in.

(This account and password are used in 3.6, 4.2, 5.2)

The screenshot shows a window titled "XProtect Professional+ 2020 R3 Trial" with a close button in the top right corner. The main heading is "Add users". Below the heading is a paragraph of text: "You can add different types of users to access the system: Windows users or basic users. Basic users require a user name and a password. These users must be assigned to either the Operators role or the Administrators role." Below this text is a form with the following fields:

User type	User name	Role
Basic user	faceme	Administrators

Below the table are two password fields:

Password	Repeat password
••••••••	••••••••

At the bottom right of the form is an "Add" button. At the bottom of the window are two buttons: "Continue" and "Close".

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2.5 Confirm User

Click the **[Continue]** button to confirm the added user.

Add users

You can add different types of users to access the system: Windows users or basic users. Basic users require a user name and a password. These users must be assigned to either the Operators role or the Administrators role.

User type	User name	Role
Basic user		Administrators

Password: Repeat password:

User type	User name	Role
X Basic user	faceme	Administrators

2.6 The configuration is complete. Click **[Close]**.

The configuration is complete

These items have been successfully added to your system

Cameras
ONVIF CMIP9883NW-SZ (192.168.16.102)
ONVIF CMIP9883NW-SZ (192.168.16.42)

Users
faceme

Share these addresses with your users for online access to the system.

Web Client address:
<http://DESKTOP-7A29H7I:8081/>

Mobile Client address:
<http://DESKTOP-7A29H7I/>

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3 Install Milestone ONVIF Bridge for XProtect

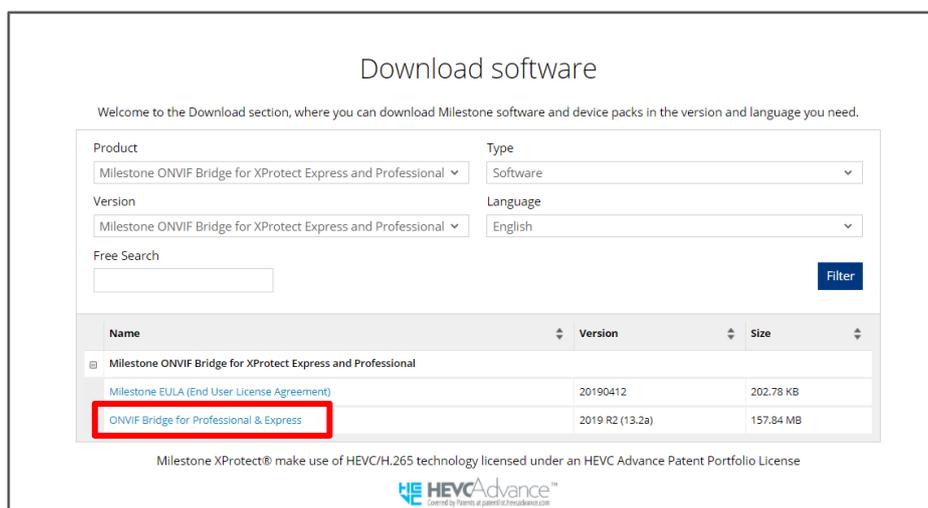
For FaceMe SECURITY, the streaming format received by the workstation is RTSP protocol.

Milestone XProtect doesn't provide the RTSP protocol by default, so we need to install Milestone ONVIF Bridge for XProtect to relay the IPCAM stream on RTSP protocol.

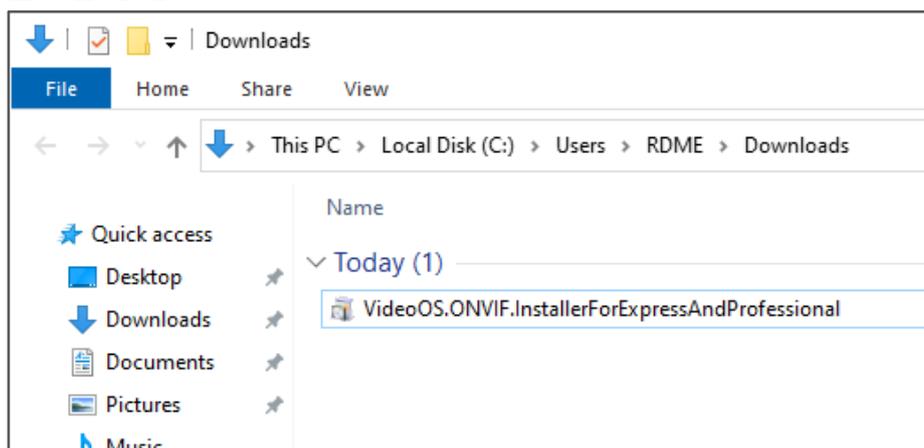
- 3.1 Download "Milestone ONVIF Bridge for XProtect Express and Professional" from the Milestone website.

You can download it from the following link:

<https://www.milestonesys.com/support/resources/download-software/>



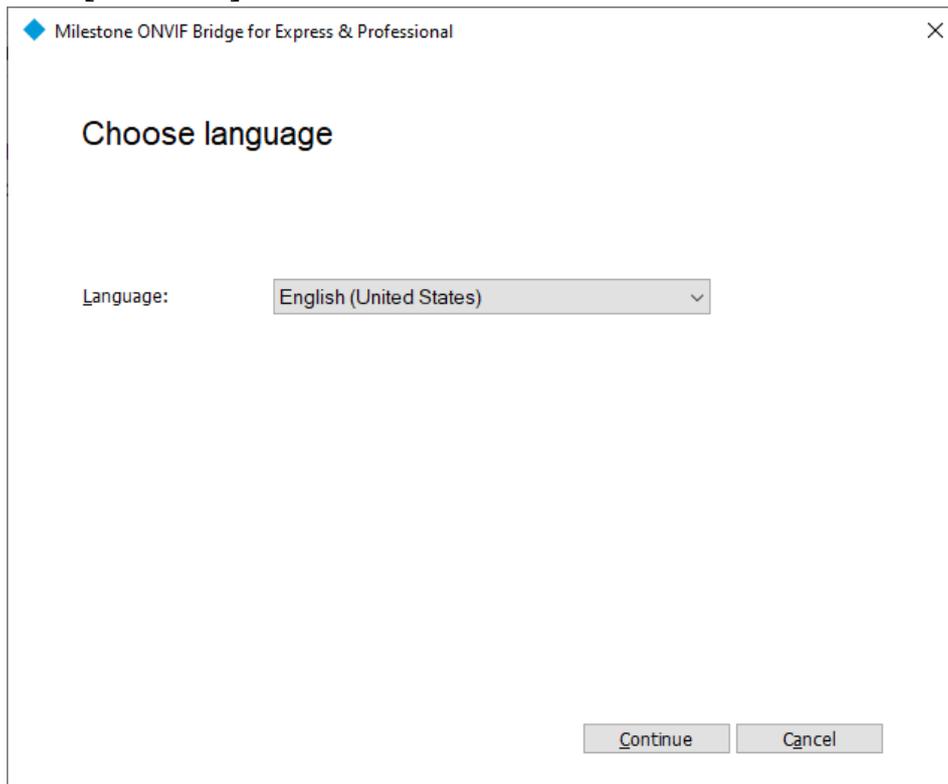
- 3.2 Click "VideoOS.ONVIF.InstallerForExpressAndProfessional" to start the installation.



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- 3.3 Choose the Language for Milestone ONVIF Bridge for XProtect, and then click **[Continue]**.

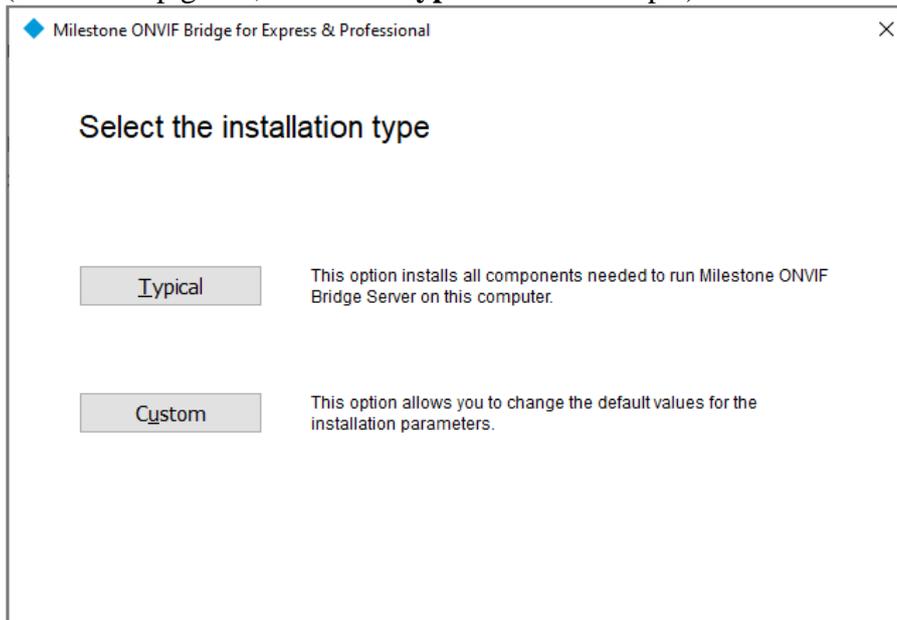


- 3.4 Accept the Milestone license agreement, and then click **[Continue]**.

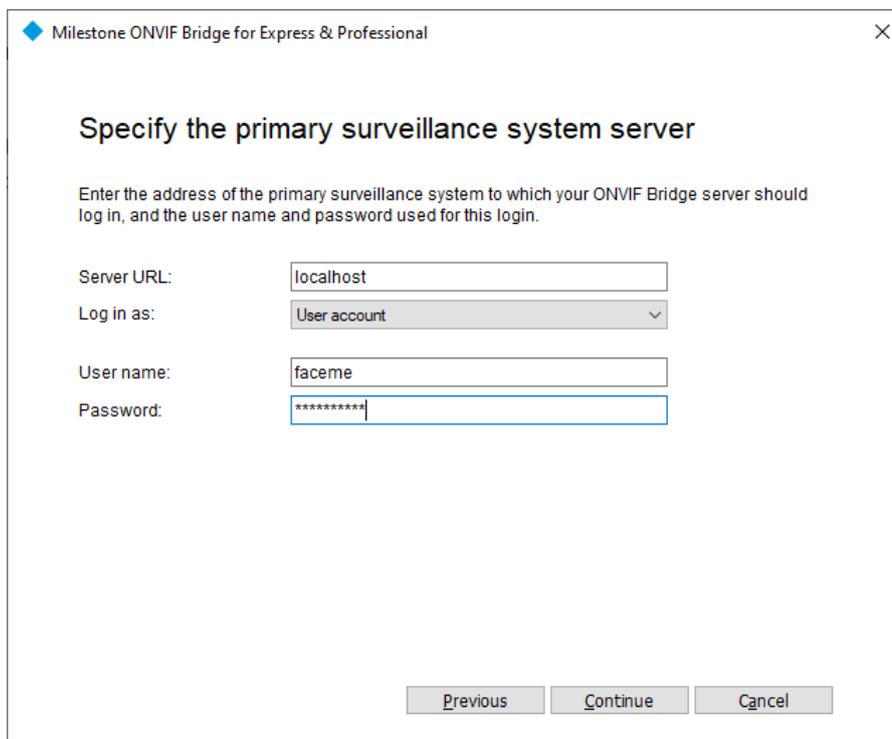


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- 3.5 Select the installation type.
(In this setup guide, we select **Typical** as an example)



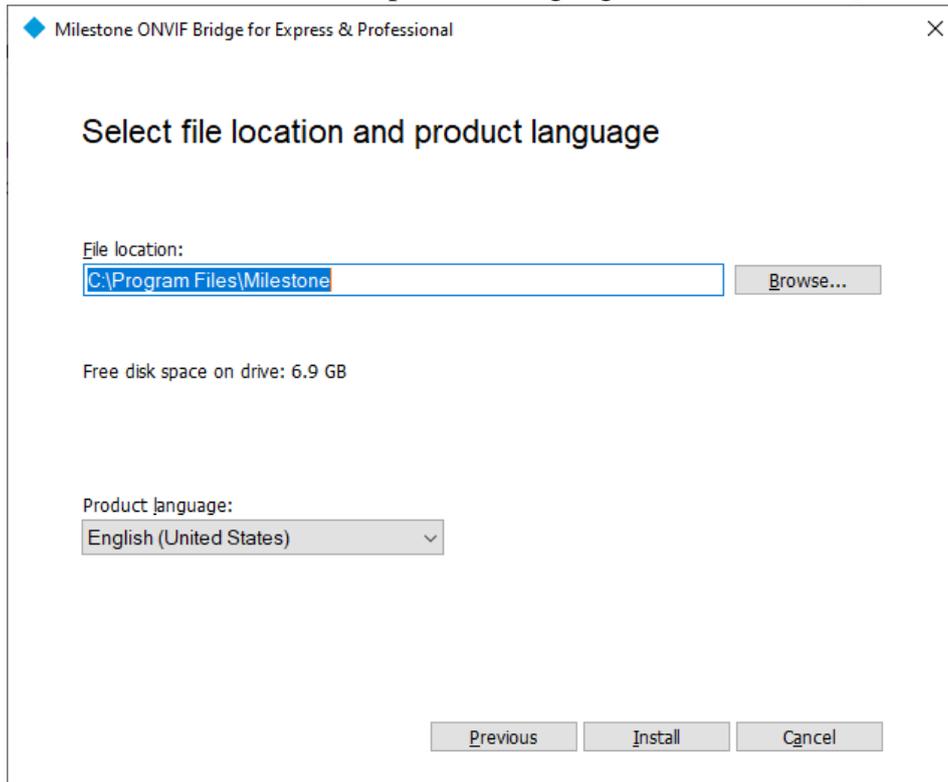
- 3.6 Set up ONVIF Bridge account and password, and then click [**Continue**].



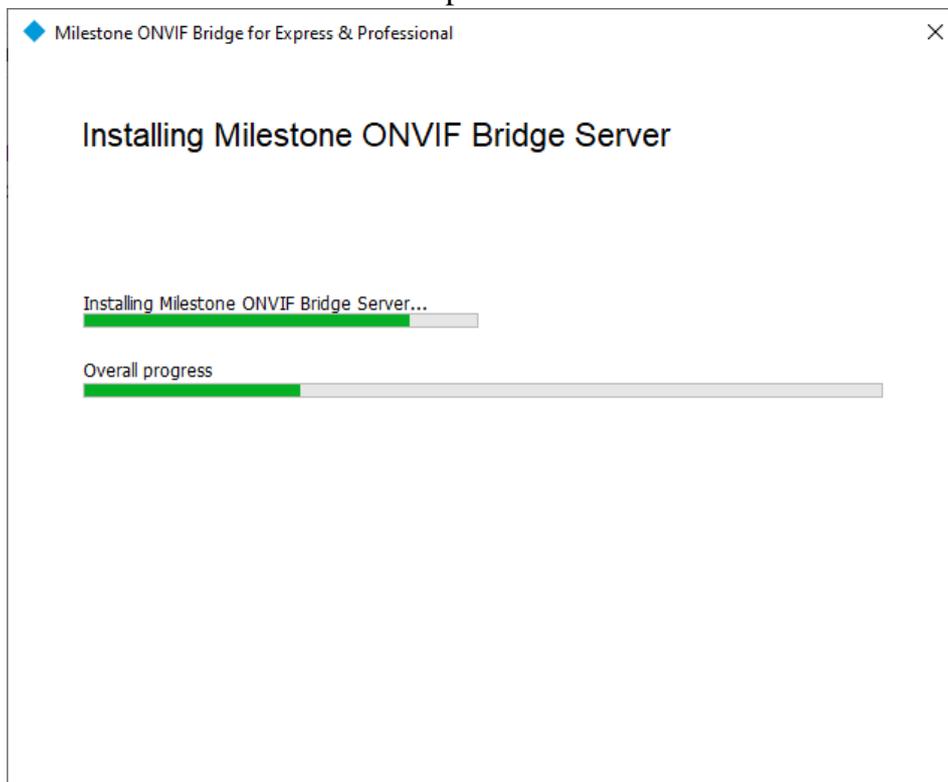
Use the user name and password you set up in section 2.4.

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3.7 Select the file location and product language, and then click **[Install]**.

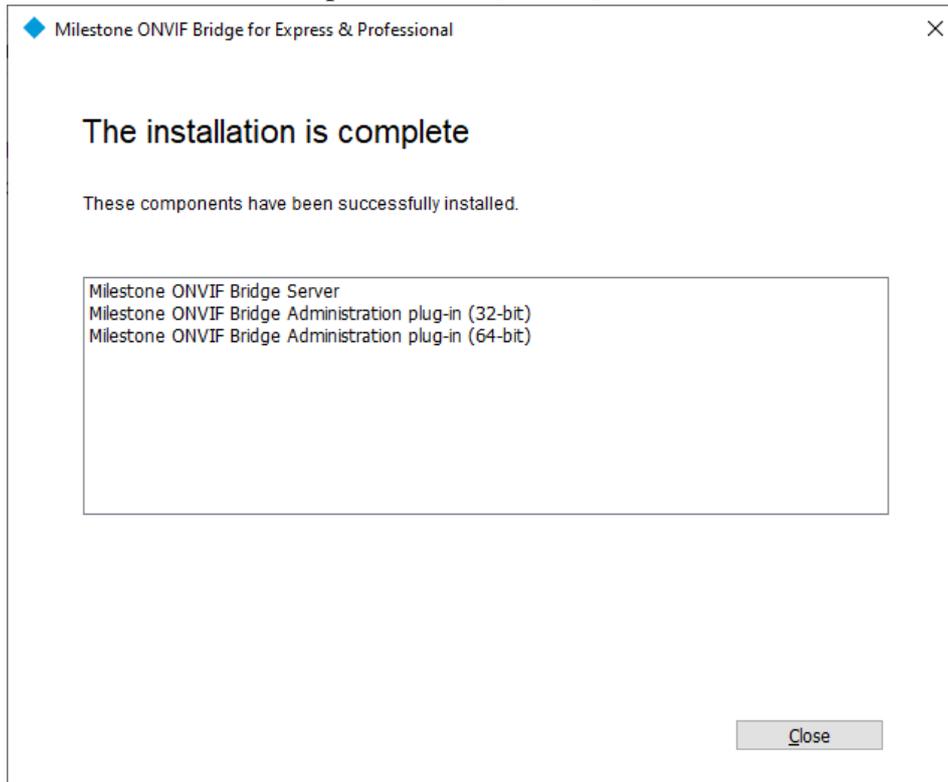


3.8 Wait for the installation to complete.



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3.9 The installation is complete. Click [Close].



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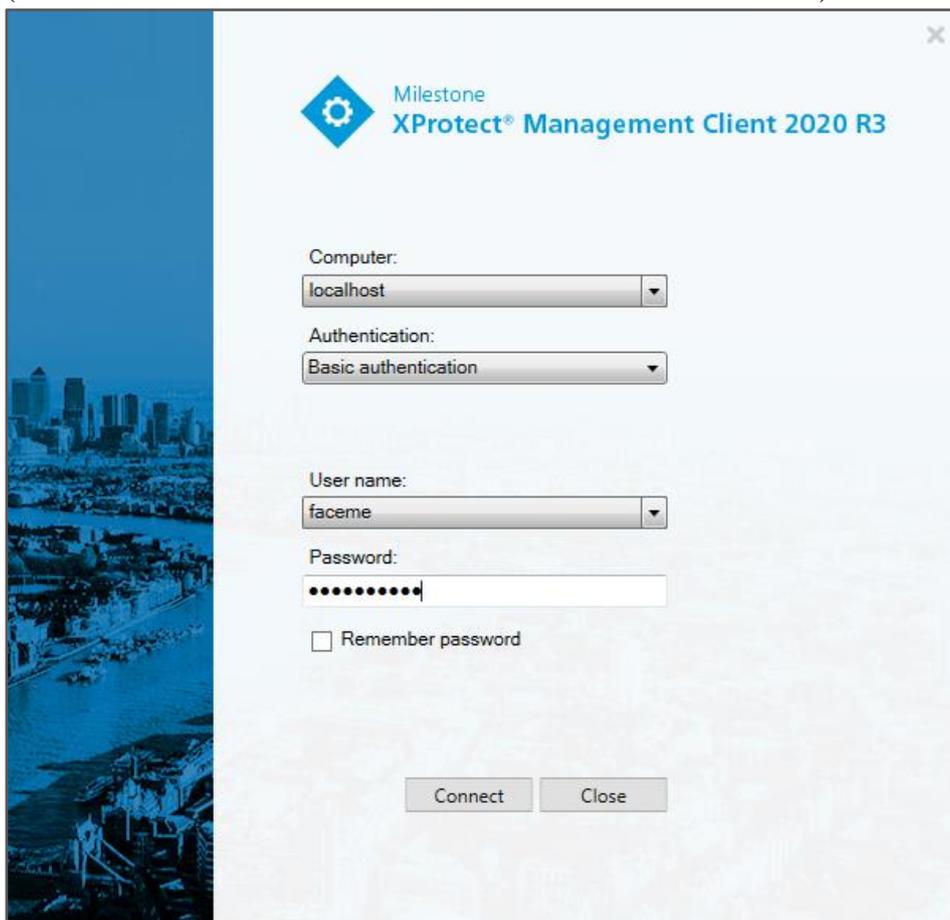
4 Configure Milestone VMS Analysis Event and Alarms

4.1 Start XProtect Management Client from the desktop shortcut.



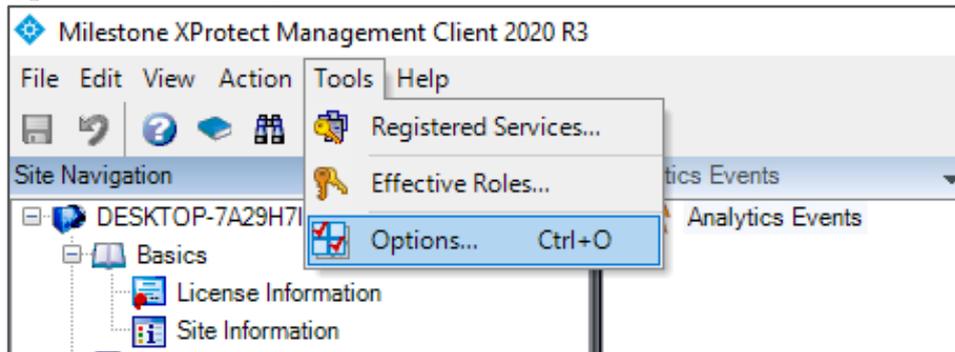
4.2 Input the administrator user account and password, and then click [**Connect**] to sign in.

(The administrator user account was created in section 2.4)



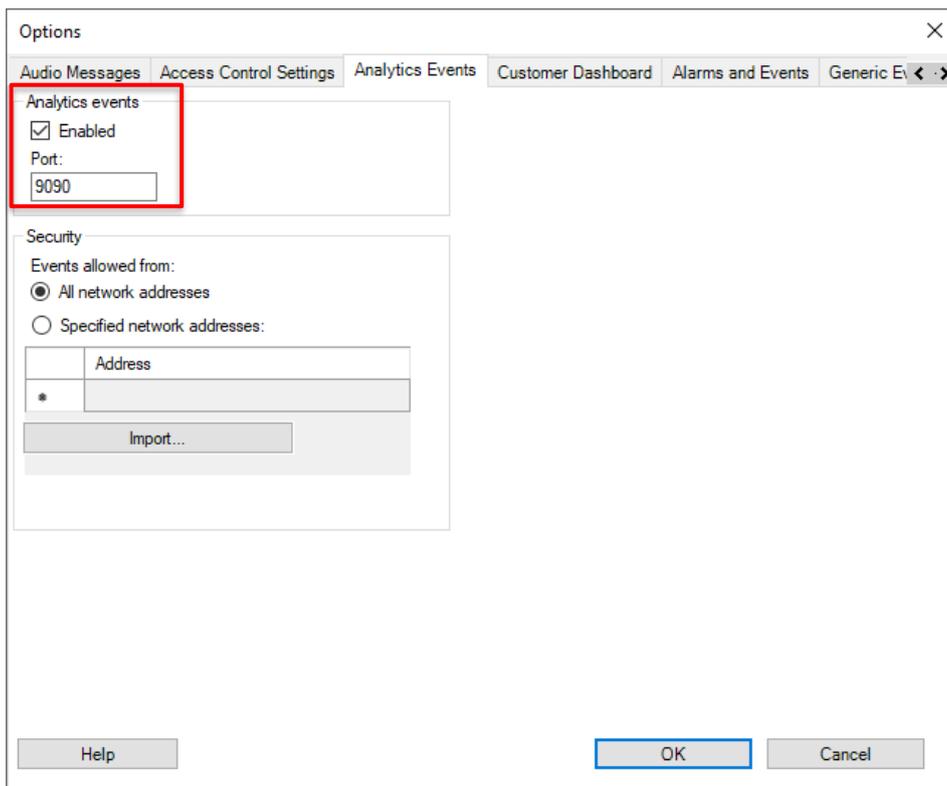
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4.3 Open [Tools] > [Options] from the menu.



4.4 Enable and Setup Analytics Events port.

Select the **Enabled** checkbox, set the port you want to use for the Analytics events, and then click [OK].

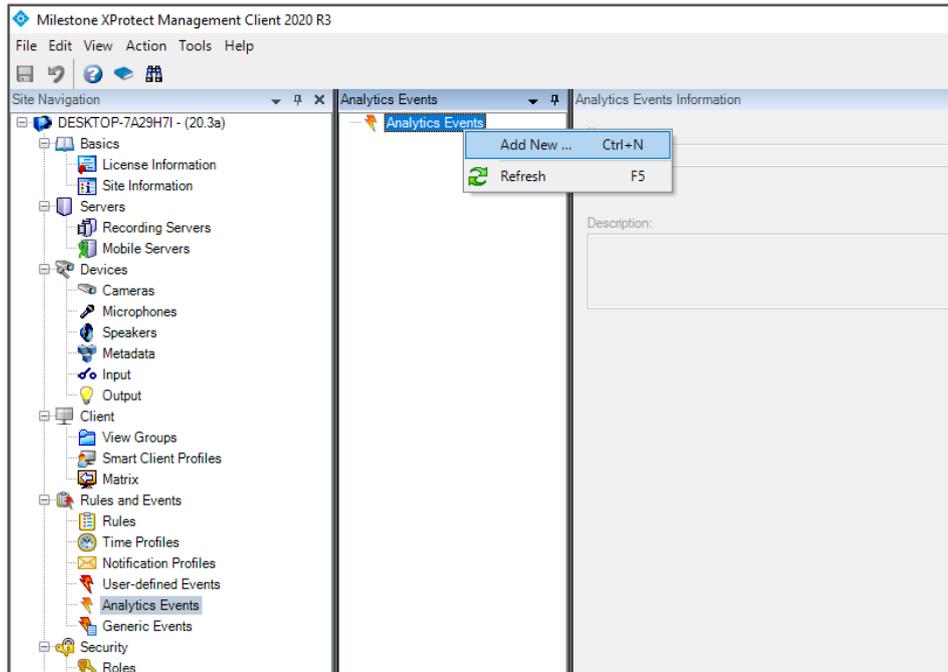


* Make sure the inbound firewall is available on the Analytics Event port.

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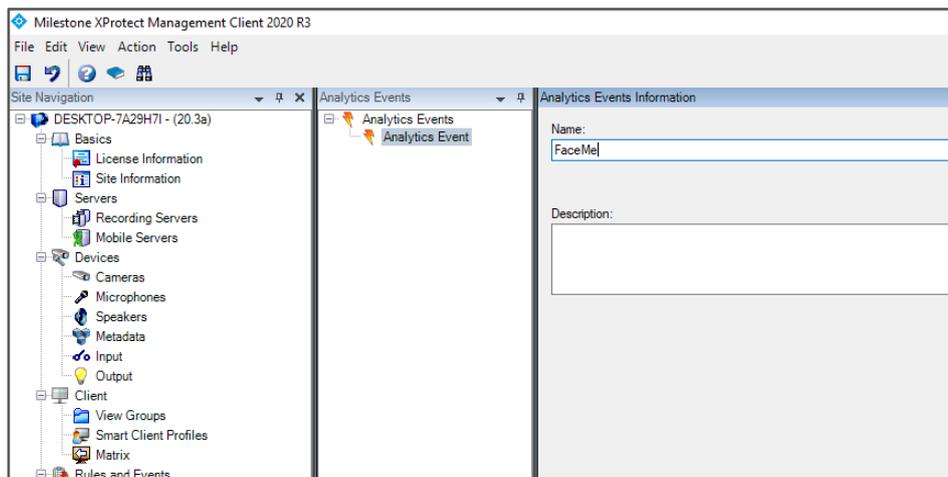
4.5 Create Analytics Events for FaceMe SECURITY – 1.

Switch to [Analytics Events] tab, right click on [Analytics Events], and then select [Add New].



4.6 Create Analytics Events for FaceMe SECURITY – 2.

Assign the Analytics Event name as "FaceMe" and then press the F5 on your keyboard to save the settings.



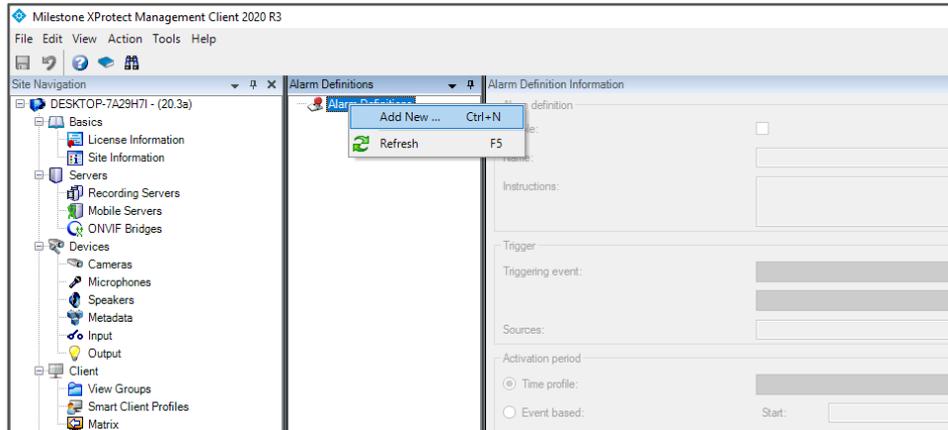
* The name of the analytics event is important, so make sure to use "FaceMe". If you use a different name, the analytics events won't be received.

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4.7 Create Alarm Definitions – 1.

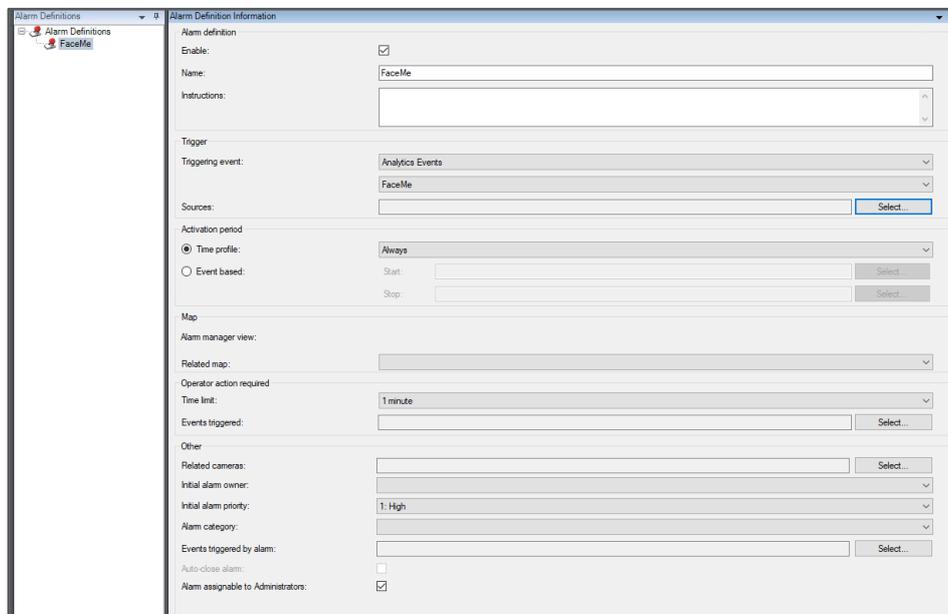
Switch to **[Alarm Definition]** tab, right click on **[Alarm Definition]**, and then select **[Add New]**.



4.8 Configure Alarm Definition – 2.

Fill in the Alarm name and then select the **Analytics Events** option for **Triggering event**.

Then select **FaceMe** as another Triggering event.
(Created in section 4.6)

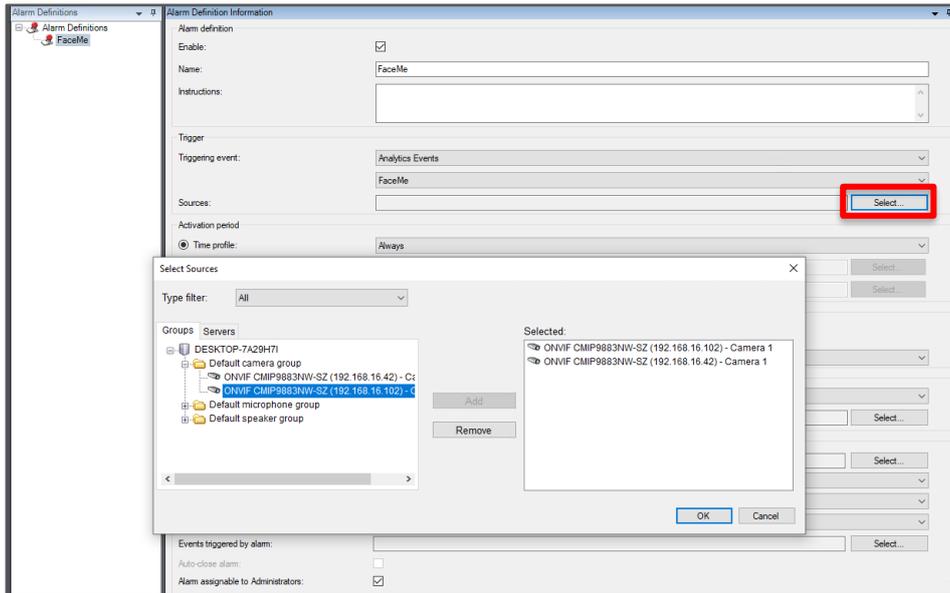


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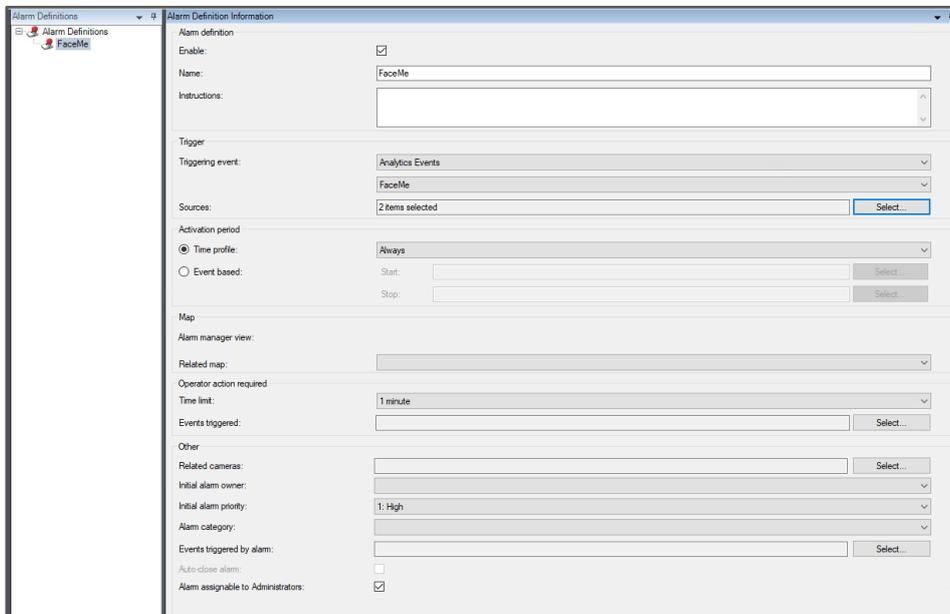
4.9 Configure Alarm Definition – 3.

Click [**Select**] to choose the camera source you want to monitor, and then click [**OK**] to continue.



4.10 Configure Alarm Definition – 4.

Make sure the configuration is complete, and then press the [F5] key on your keyboard to save the settings.

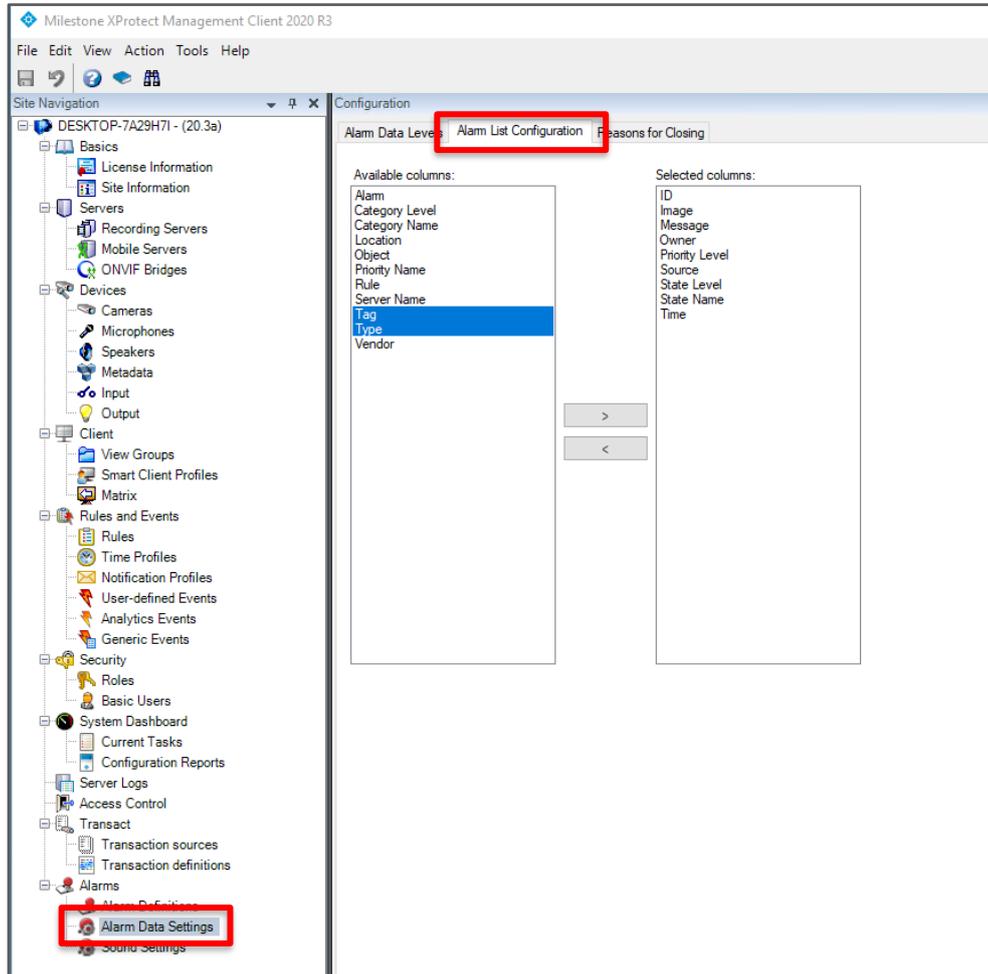


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4.11 Configure Alarm List Configuration

Select **[Alarm Data Settings]** and then switch to the **[Alarm List Configuration]** tab.

Select "Tag" and "Type" in **Available columns**, and then click [**>**] to move them to **Selected columns**.

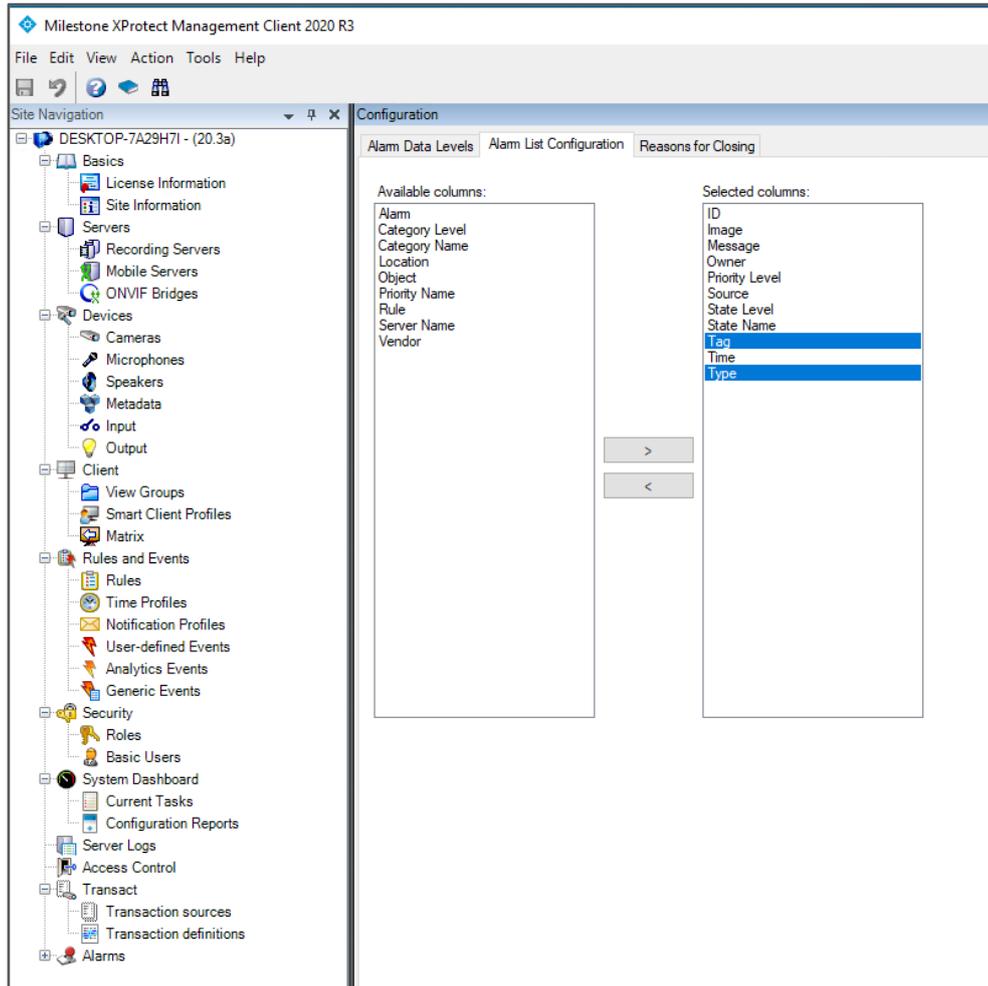


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4.12 Confirm Alarm List Configuration.

Confirm that "Tag" and "Type" were moved to the **Selected columns**, and then press the [F5] key on your keyboard to save the settings.



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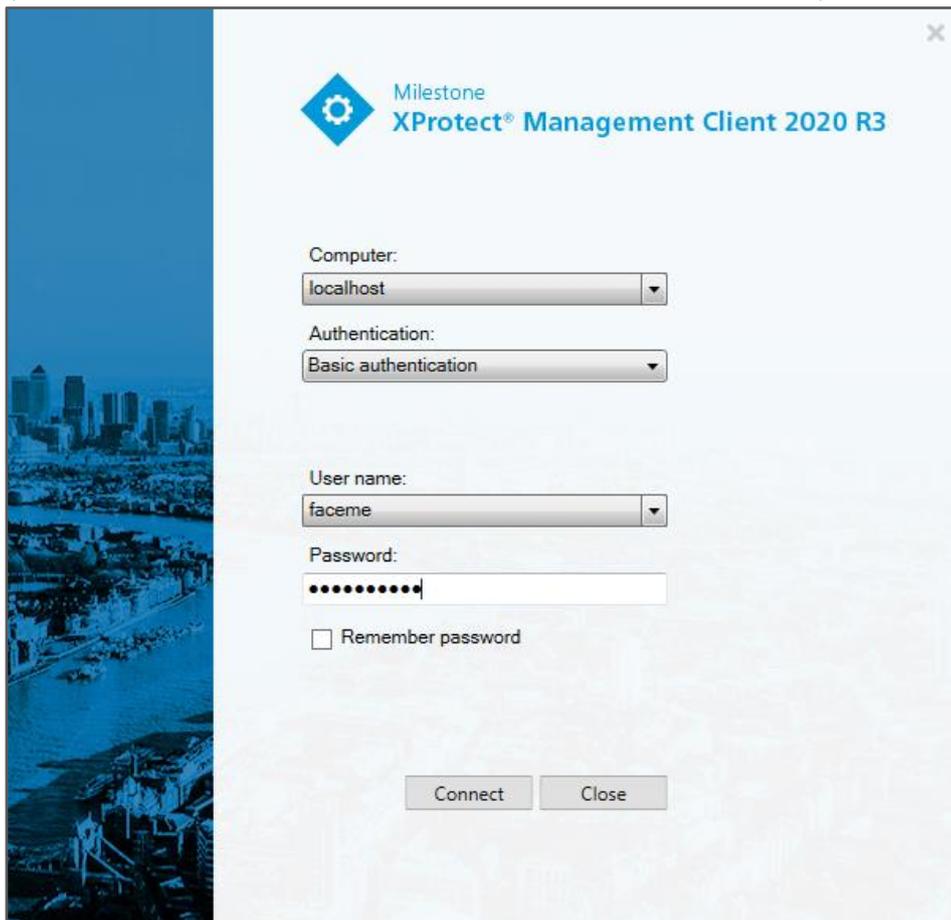
5 Configure Milestone ONVIF Bridge for XProtect

5.1 Start XProtect Management Client from the desktop shortcut.



5.2 Input the administrator user account and password, and then click [**Connect**] to sign in.

(The administrator user account was created in section 2.4)

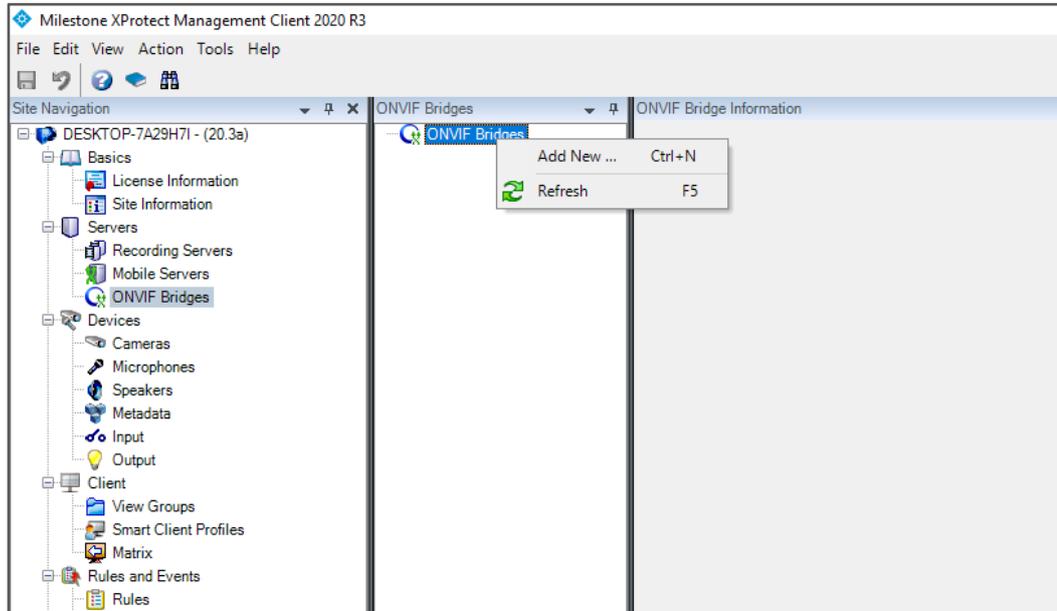


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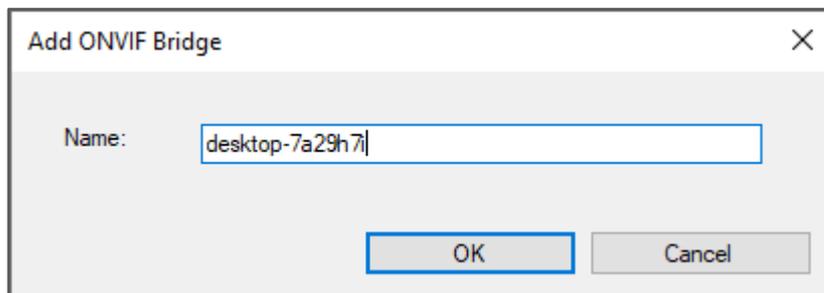
5.3 Create ONVIF Bridges – 1.

Switch to the [ONVIF Bridges] tab, right click on [ONVIF Bridges], and then select [Add New].



5.4 Create ONVIF Bridges – 2.

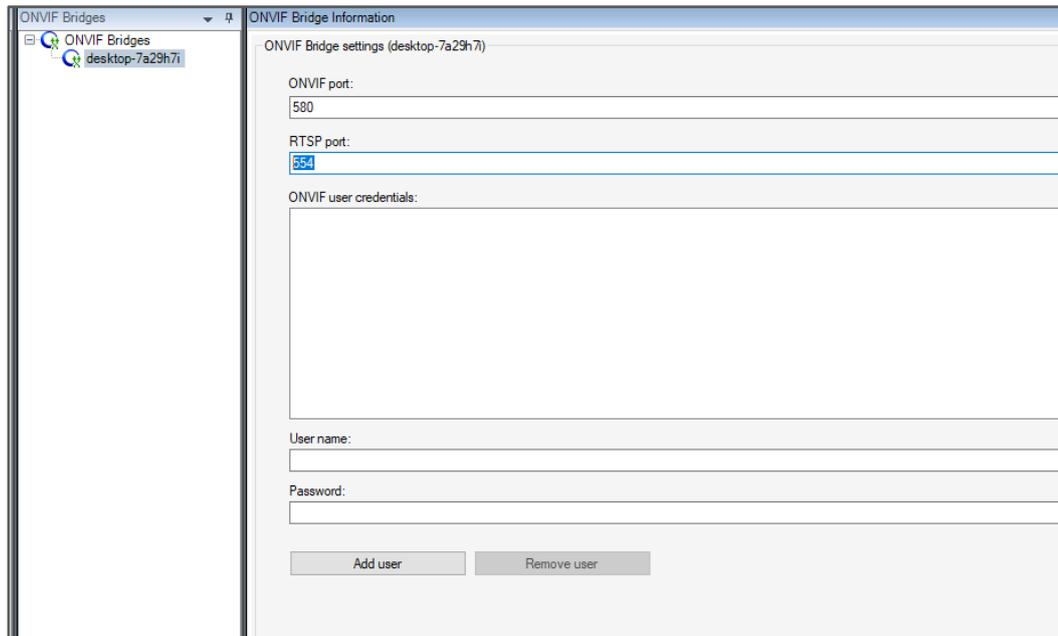
Input a name for your ONVIF bridge.



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5.5 Configure ONVIF Bridge RTSP port.

Configure the RTSP port of ONVIF Bridge and then press the [F5] key on your keyboard to save the settings.



The screenshot displays the ONVIF Bridge settings interface. On the left, a tree view shows 'ONVIF Bridges' with a sub-entry 'desktop-7a29h7i'. The main panel, titled 'ONVIF Bridge Information', shows 'ONVIF Bridge settings (desktop-7a29h7i)'. The 'ONVIF port:' field is set to '580'. The 'RTSP port:' field is set to '554'. Below this is a section for 'ONVIF user credentials' with a large empty text area. At the bottom, there are 'User name:' and 'Password:' fields, and two buttons: 'Add user' and 'Remove user'.

*** Make sure the inbound firewall is available on ONVIF Bridge RTSP port.**

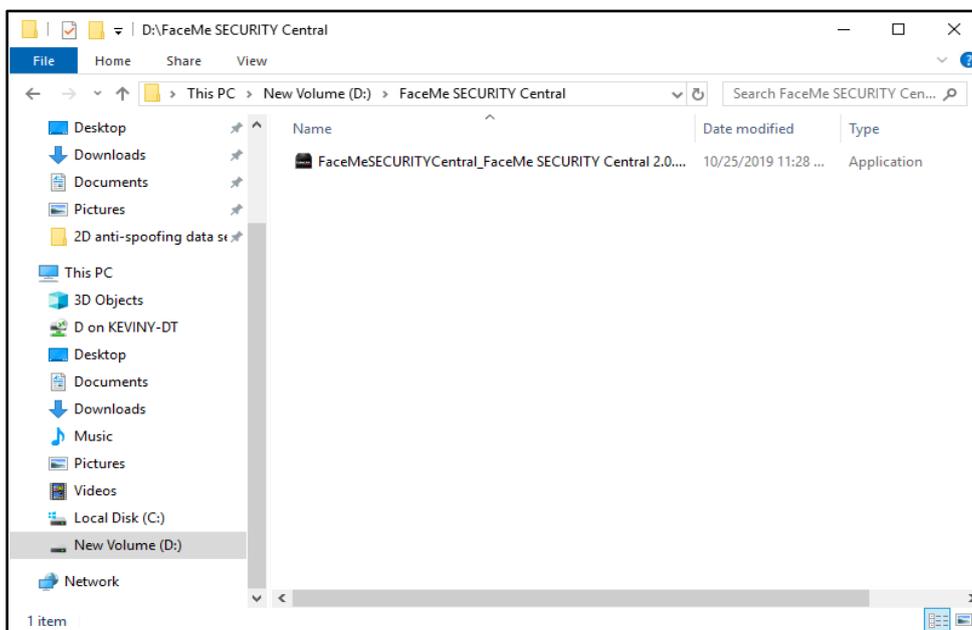
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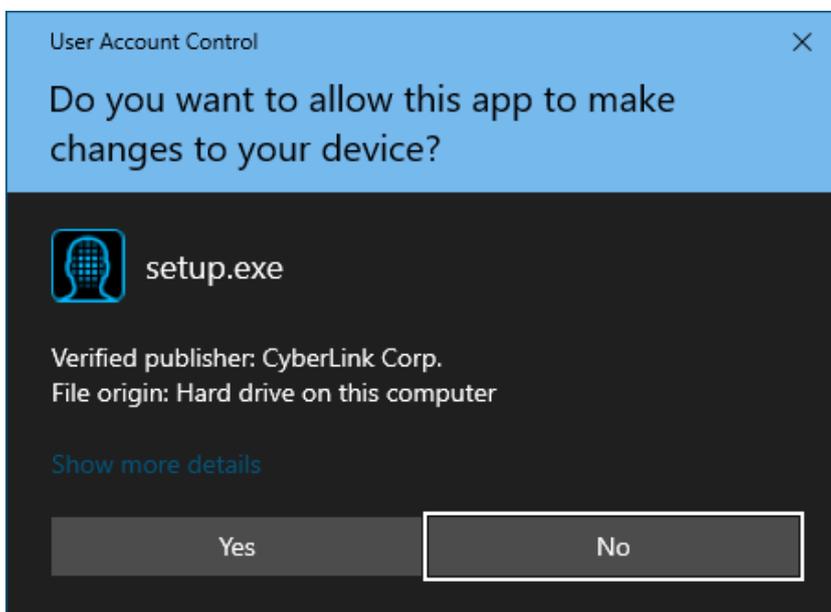
6 Install FaceMe SECURITY Central and Connect to Milestone VMS

6.1 Install Central

1. Start the FaceMe SECURITY Central installer.

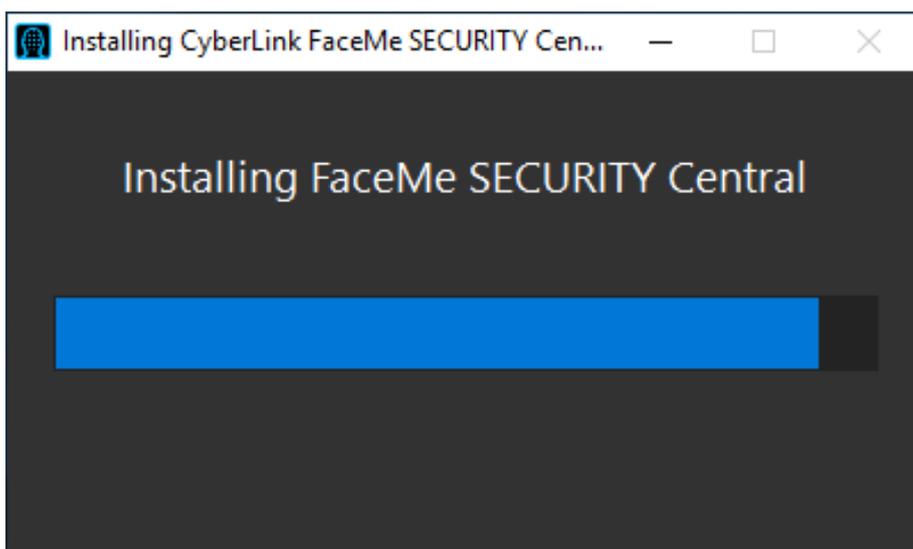


2. Accept user account control.

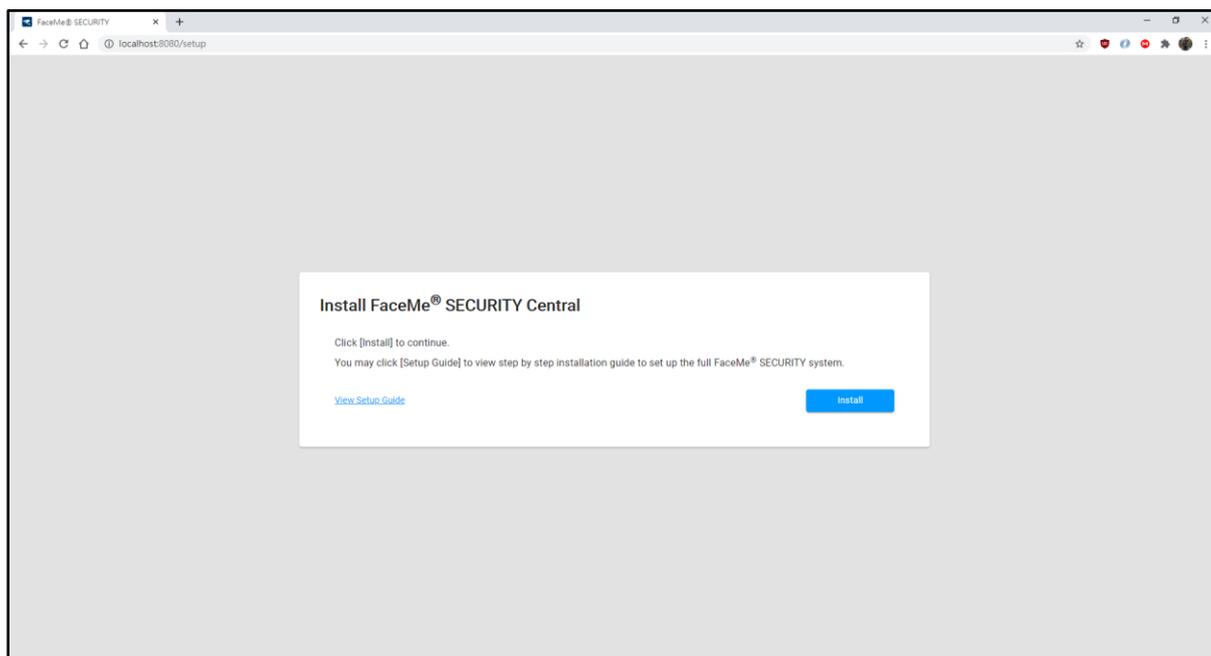


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3. Wait for the installation to complete.



4. Once the installation is complete, FaceMe SECURITY Console will start. You can continue your configurations using the FaceMe SECURITY Console (<http://localhost:8080>).



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6.2 Set Up Central

1. Click [**Install**] to start setting up FaceMe Central.

Install FaceMe® SECURITY Central

Click [Install] to continue.

You may click [Setup Guide] to view step by step installation guide to set up the full FaceMe® SECURITY system.

[View Setup Guide](#) **Install**

2. Enter the database connection info (IP, port#, login account & password) and then click [**Continue**].

Initial Setup

- 1 Connect to Database
Enter database connection info for FaceMe® SECURITY.
- 2 Activate Your License

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3. Enter the license key provided by CyberLink or the solution provider, and then click **[Continue]**.

Initial Setup

1 Connect to Database

2 **Activate Your License**

Enter the license key for FaceMe® SECURITY. You might need to connect to the Internet for the activation.

FaceMe SECURITY License Key *

[View Setup Guide](#)

4. Create an admin account.
This account will be used to log in to the console.

Create Admin Account

Enter an account and password to create an admin account so you can log in to the console to modify settings in the future.

Account *

Password *

Reenter Password *

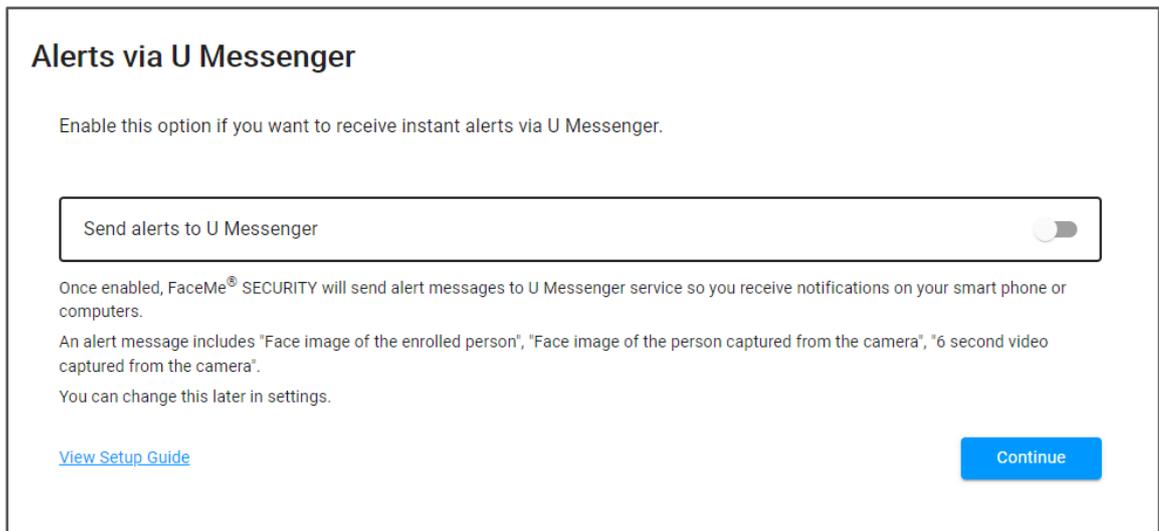
E-mail *

[View Setup Guide](#)

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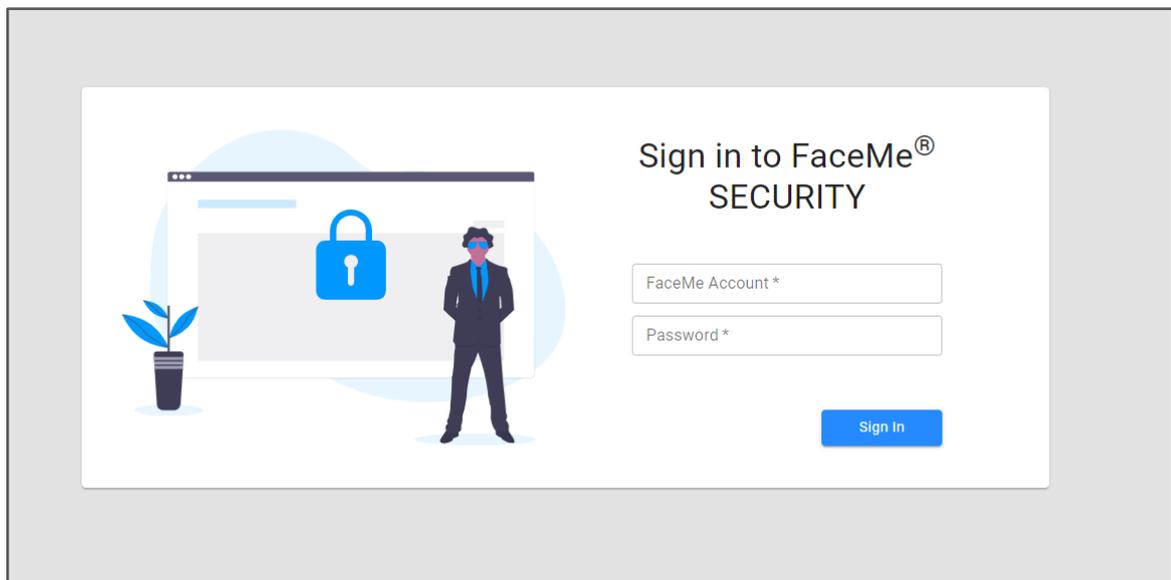
5. Enable or disable the sending of alerts via U Messenger.

You can change this later in Console settings.



6. Sign in to the SECURITY console to continue the configuration of the settings for VMS.

Use the Admin account and password you created when setting up Central to log in to the Console.



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7. Enter Milestone connection info

Fill in the below information and then click **[Continue]** to connect FaceMe SECURITY to Milestone XProtect VMS.

- **HTTP address of Milestone VMS Server**
Input the Milestone VMS Server IP with "https" protocol.
- **Admin account and password of Milestone VMS Server**
Input the account and password you registered in section 2.4.
- **RTSP port number of Milestone ONVIF Bridge**
Input the port you entered in section 5.5.
- **Port number of Milestone Event Server**
Input the port you entered in section 4.4.

Connect FaceMe SECURITY to Milestone VMS
Enter connection info and admin account password to connect FaceMe SECURITY to Milestone VMS Server.

Connection Info of Milestone VMS Server
The VMS server address and the account you use to access your Milestone VMS Server

HTTP Address of Milestone VMS Server *

Admin Account of Milestone VMS Server *

Password *

Connection Info of Milestone ONVIF Bridge

RTSP Port number of Milestone ONVIF Bridge *

Connection Info of Milestone Event Server

Port number of Milestone Event Server *

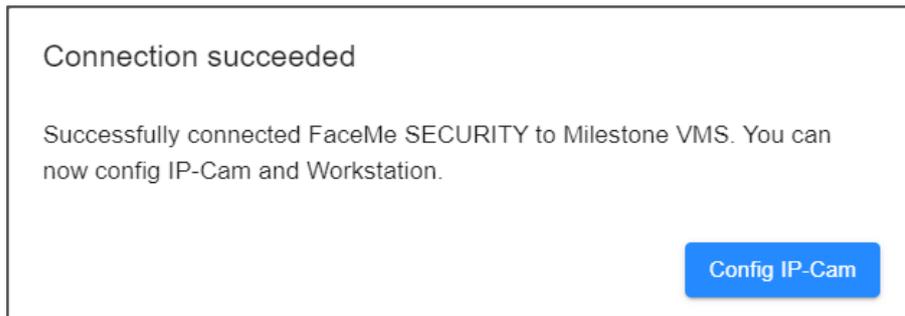
[View Setup Guide](#)
[Can't Connect?](#)

[Connect](#)

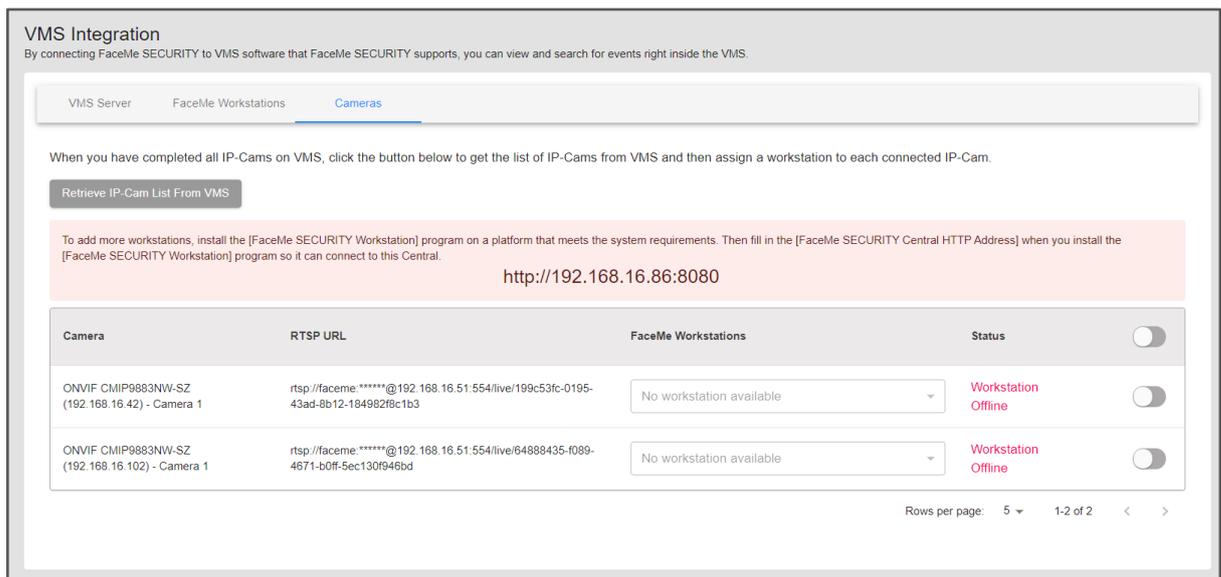
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8. Successfully connected to Milestone VMS.

Click the **[Config IP-Cam]** button to view the list of IP-Cams from Milestone VMS.



9. After you connect to the VMS Server, you can view the camera list synced from the Milestone XProtect Server.



VMS Integration
By connecting FaceMe SECURITY to VMS software that FaceMe SECURITY supports, you can view and search for events right inside the VMS.

VMS Server FaceMe Workstations **Cameras**

When you have completed all IP-Cams on VMS, click the button below to get the list of IP-Cams from VMS and then assign a workstation to each connected IP-Cam.

Retrieve IP-Cam List From VMS

To add more workstations, install the [FaceMe SECURITY Workstation] program on a platform that meets the system requirements. Then fill in the [FaceMe SECURITY Central HTTP Address] when you install the [FaceMe SECURITY Workstation] program so it can connect to this Central.

<http://192.168.16.86:8080>

Camera	RTSP URL	FaceMe Workstations	Status
ONVIF CMIP9883NW-SZ (192.168.16.42) - Camera 1	rtsp://faceme:*****@192.168.16.51:554/live/199c53fc-0195-43ad-8b12-184982f8c1b3	No workstation available	Workstation Offline
ONVIF CMIP9883NW-SZ (192.168.16.102) - Camera 1	rtsp://faceme:*****@192.168.16.51:554/live/64888435-f089-4671-b0ff-5ec130f946bd	No workstation available	Workstation Offline

Rows per page: 5 1-2 of 2

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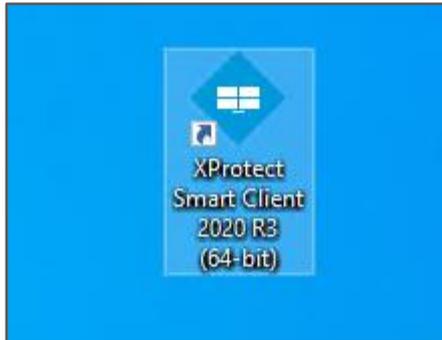
7 Install FaceMe SECURITY Workstation and Connect to Central

To learn how to install the FaceMe SECURITY Workstation, you can refer to the “[FaceMe SECURITY Workstation Readme](#)” document.

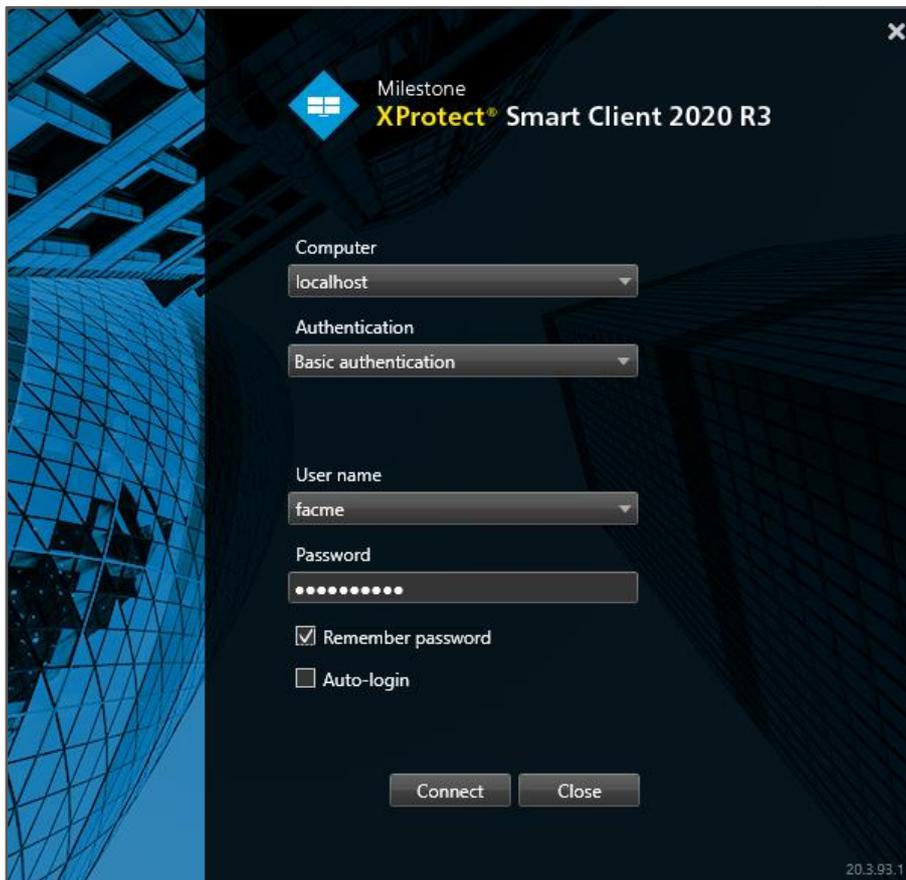
8 Monitoring Records on Milestone XProtect Smart Client

Use the Milestone XProtect Smart Client to monitor the visitor records.

8.1 Start XProtect Smart Client from the desktop shortcut.



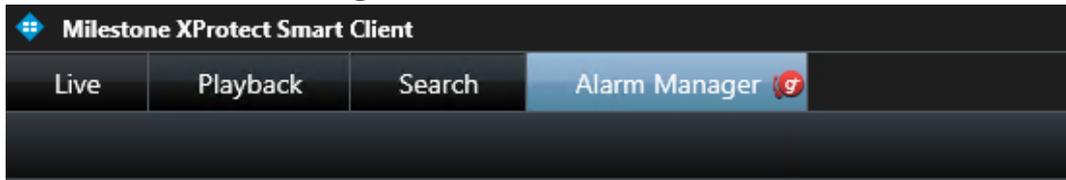
8.2 Input the administrator user account and password to sign in. (The administrator user account was created in section 2.4)



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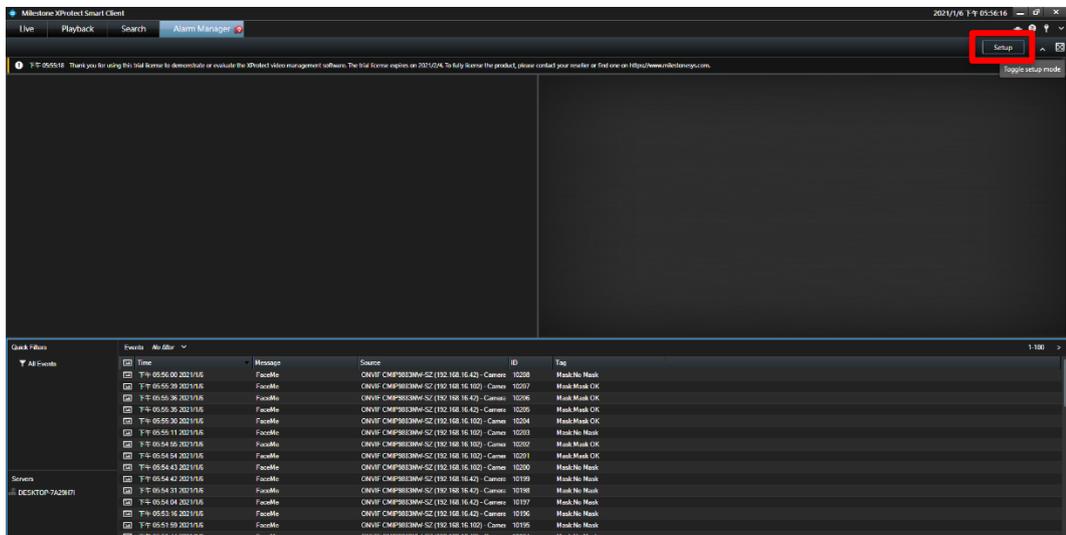
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Tel +886-2-8667-1298 Fax +886-2-8667-1300 www.cyberlink.com

8.3 Switch to [Alarm Manager] tab.



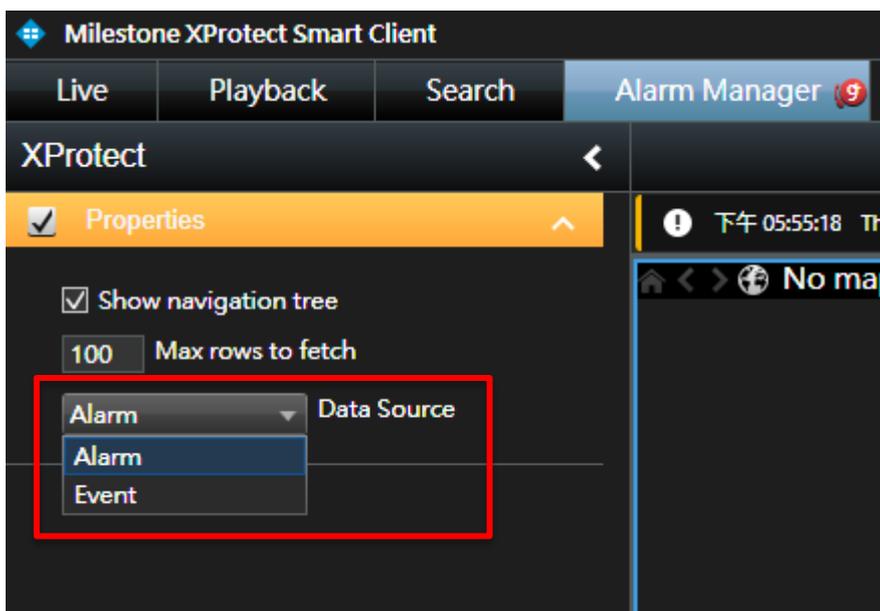
8.4 Open Alarm Manager setup page.

Click the [Quick Filters] title and then click the [Setup] button on the top right.



8.5 Switch the data source to “Alarm”.

Switch the Data Source from **Event** to **Alarm**.

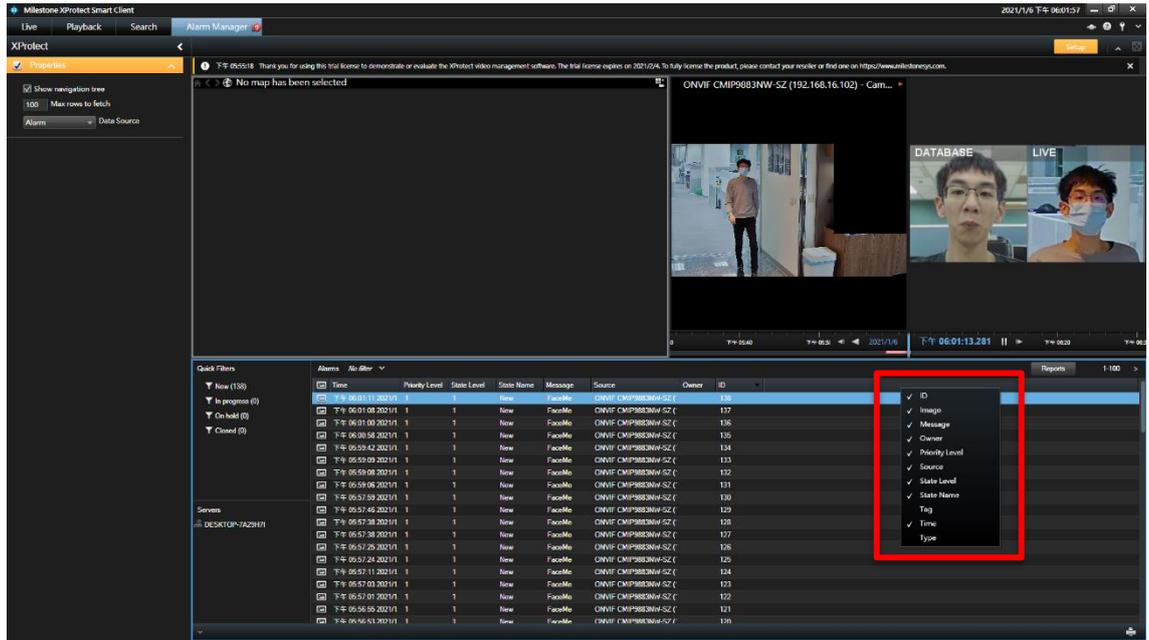


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8.6 Enable "Tag" and "Type" parameter on the alarm list.

Right click on the header for the alarm list, and then enable the "Tag" and "Type" parameters in the list.



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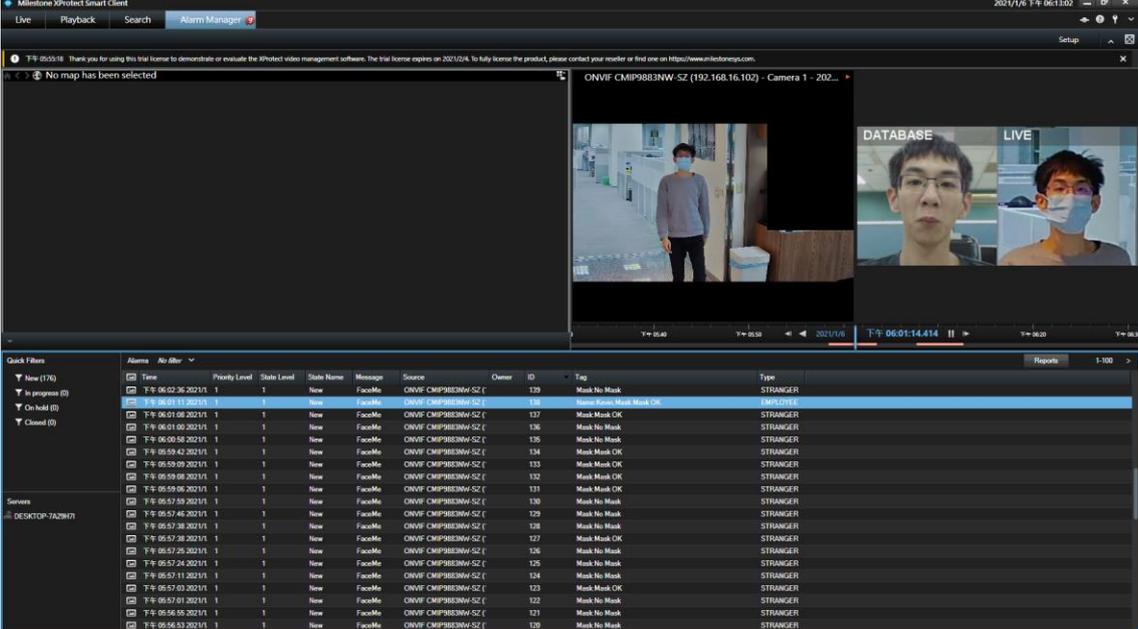
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8.7 Complete the setting up of the XProtect Smart Client.

Check that the "Tag" and "Type" parameters are displayed in the alarm list.

Type will display visitor type.

Tag will contain detailed information about the visitor.



The screenshot displays the XProtect Smart Client interface. At the top, there are tabs for 'Live', 'Playback', 'Search', and 'Alarm Manager'. The main area is split into two parts: a video feed on the right and an alarm list on the left. The video feed shows a person in a hallway, with a 'DATABASE' view on the right showing a face recognition match. The alarm list below shows a table of detected events.

Time	Priority Level	State Level	State Name	Message	Source	Owner	ID	Tag	Type
7:50:02.35 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		129	Mask No Mask	STRANGER
7:50:03.11 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		138	Mask No Mask	EMPLOYEE
7:50:01.08 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		137	Mask Mask OK	STRANGER
7:50:01.05 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		136	Mask No Mask	STRANGER
7:50:00.58 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		135	Mask No Mask	STRANGER
7:50:59.42 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		134	Mask Mask OK	STRANGER
7:50:59.09 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		133	Mask Mask OK	STRANGER
7:50:59.08 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		132	Mask Mask OK	STRANGER
7:50:59.05 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		131	Mask Mask OK	STRANGER
7:50:57.59 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		130	Mask No Mask	STRANGER
7:50:57.46 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		129	Mask No Mask	STRANGER
7:50:57.38 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		128	Mask No Mask	STRANGER
7:50:57.28 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		127	Mask Mask OK	STRANGER
7:50:57.25 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		126	Mask No Mask	STRANGER
7:50:57.24 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		125	Mask No Mask	STRANGER
7:50:57.11 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		124	Mask No Mask	STRANGER
7:50:57.03 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		123	Mask Mask OK	STRANGER
7:50:56.51 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		122	Mask No Mask	STRANGER
7:50:56.55 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (		121	Mask No Mask	STRANGER
7:50:56.53 2021/11/1	1	1	New	FaceMe	ONVIF_CMP983NW-SZ (120	Mask No Mask	STRANGER

Now you can monitor the visitor record on the XProtect Smart Client.

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