



Ayonix Milestone Plugin v1.6 Installation Manual

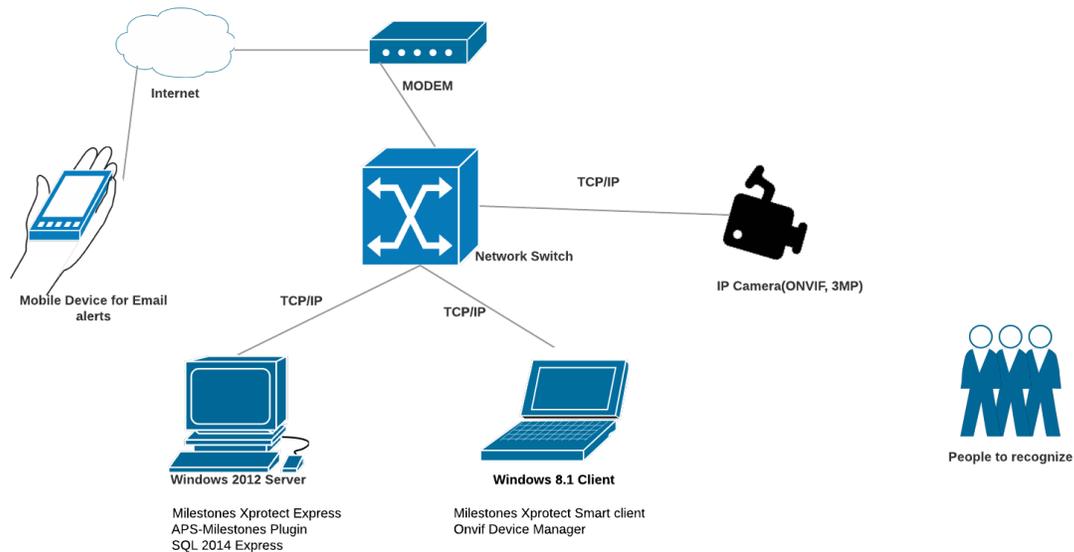
Ayonix Corporation

May 25, 2018

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1. Prerequisites



1.1 Software prerequisites

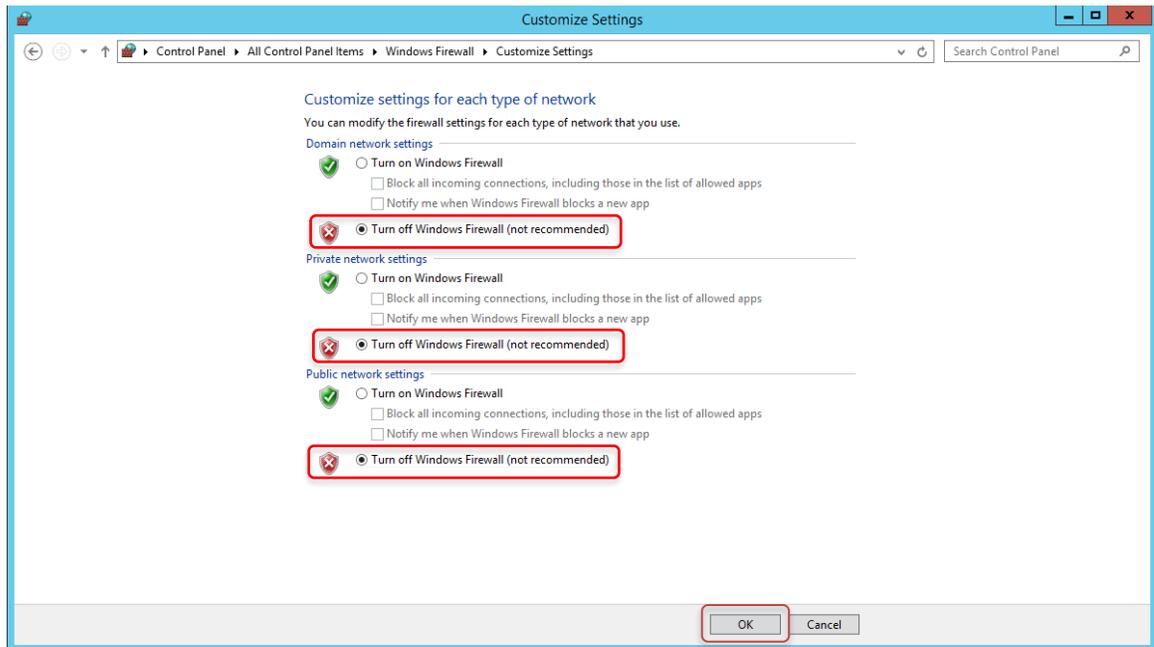
Prerequisites for Server		Prerequisites for Client
SQL 2014 Express/Standard		Milestones XProtect Smart Client
Milestones Xprotect 2018 R1 Express		
APS-Milestones Plugin V1.6		
<i>PLATFORM prerequisites</i>		
Prerequisites for Server		Prerequisites for Client
OS	Windows 7 or 8 or Windows 2012/2016 server	Windows 8 64bit
RAM	16GB	8GB
HDD	500GB	128GB
GPU	NVIDIA GPX 1080	NVIDIA GPX 1080

* Milestone Corporate 2018 R1 Express, Professional, Expert and Corporate versions are supported. To install Milestone, please refer to Milestone documentation. Download “XProtect Corporate Administrator Getting Started Guide” on the following link:

<https://www.milestonesys.com/support/help-yourself/manuals-and-guides/?prod=159&type=13&lang=27>

1.2 Disable Firewall

You have to disable your firewall of your windows operating system. Firewall prevents some ports communication. Because of that it brings some problems during installation or configuration.



2. Choosing Architecture

2.1 Possible architectures

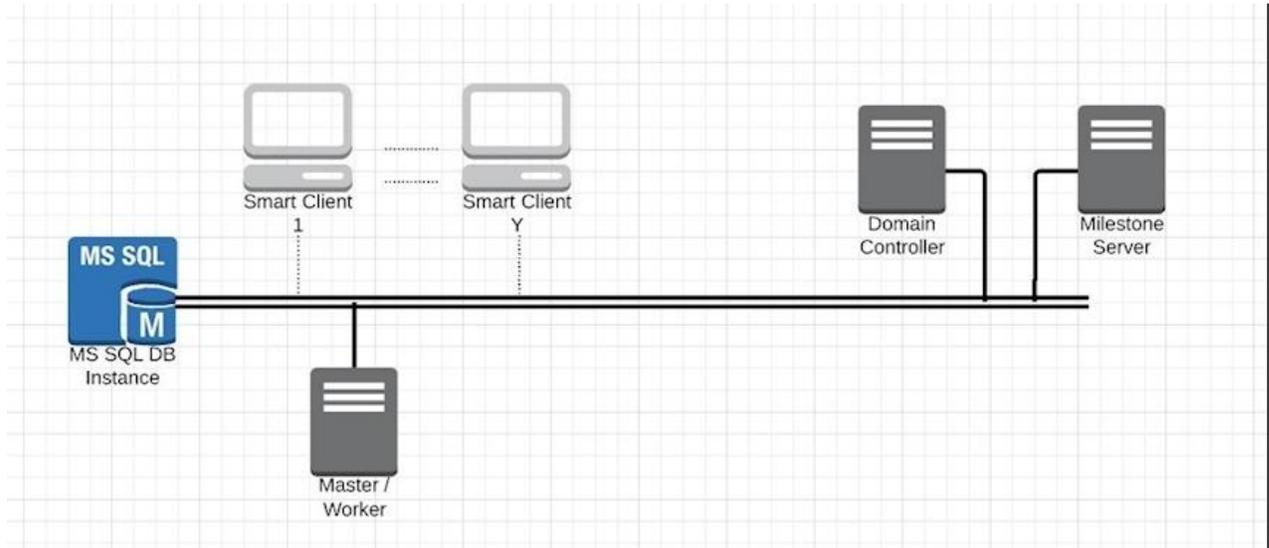
Milestone Plugin Network Architectures

Milestone Plugin can be installed on multiple servers or on one server.

Server can be configured to have one of the three roles:

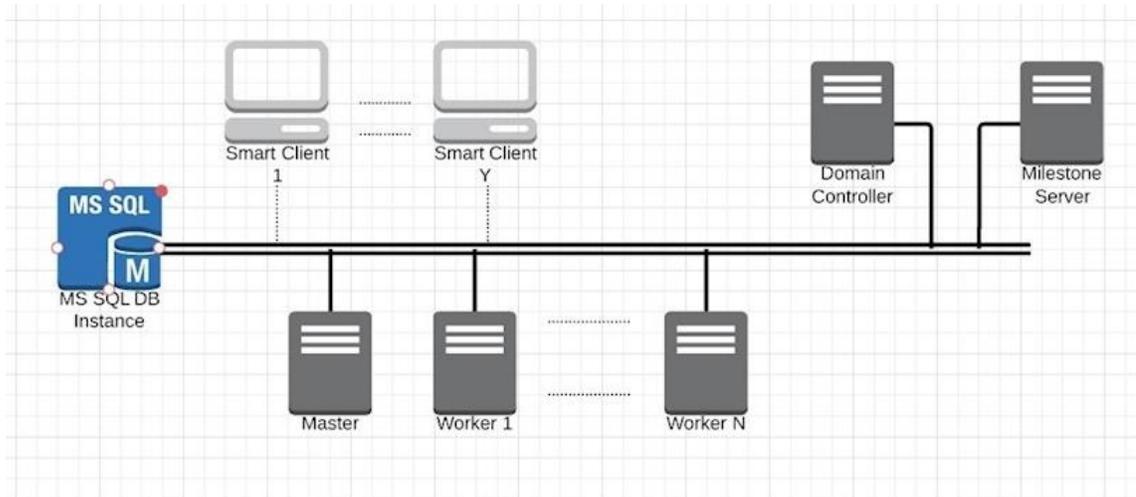
- 1) Worker - Captures images from camera and sends results to Master
- 2) Master - Processes messages from Workers, process Face Recognition and dispatch Face Recognition events.
- 3) Master / Worker - Both Worker and Master roles on the same computer. This is the role a server must have when there is only one server with Ayonix Milestone Plugin installed.

Architecture 1 - Worker and Master on the same computer



Ideal for small networks (generally up to 10 cameras) with small enrollment database sizes (under 10000 persons).

Architecture 2 - One Master and many Worker Computers



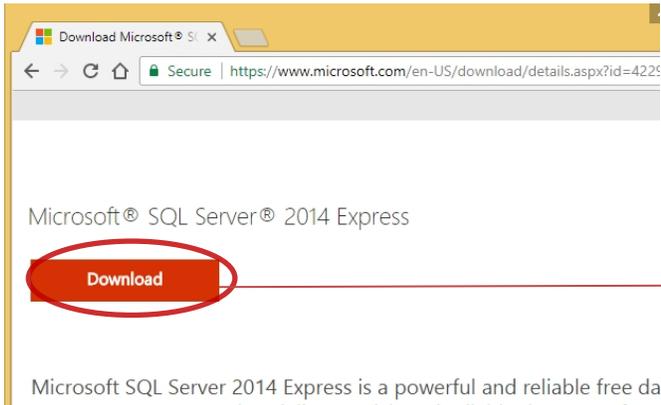
One Server only for Matching and events (Master) and many Workers detecting faces from cameras

Ideal for Many cameras with Big enrollment database sizes

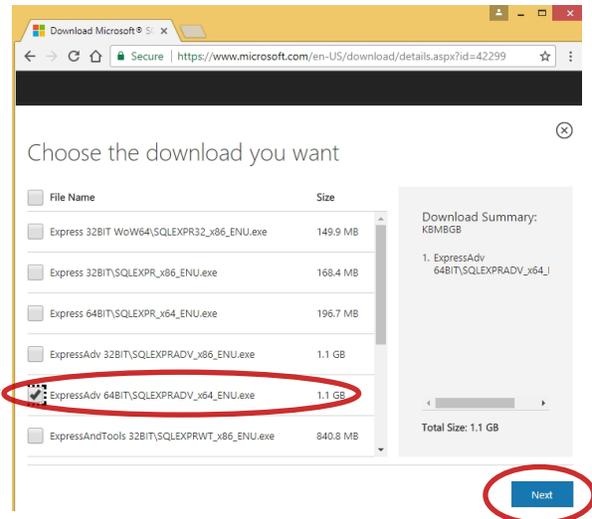


3. Server Installation

3.1 Install SQL 2014 Express or Standard



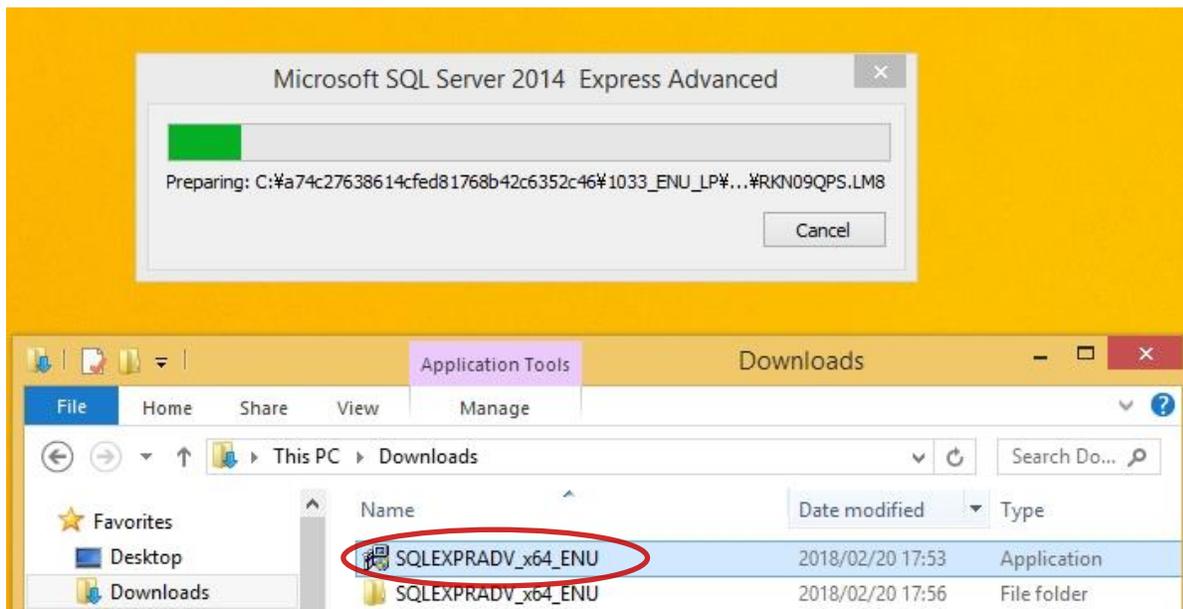
Download SQL 2014 from Microsoft website.

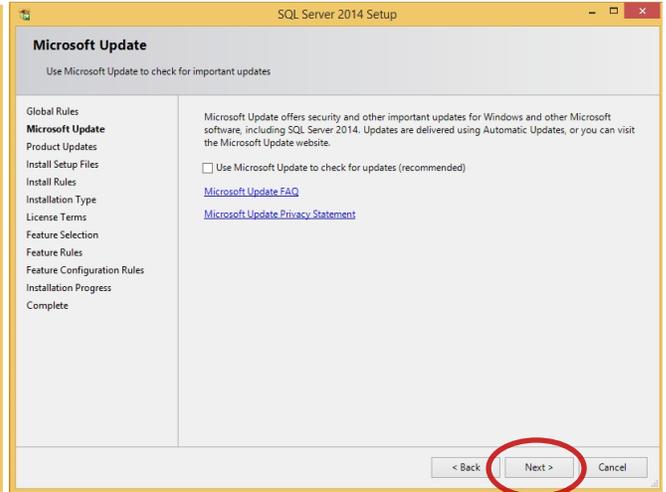
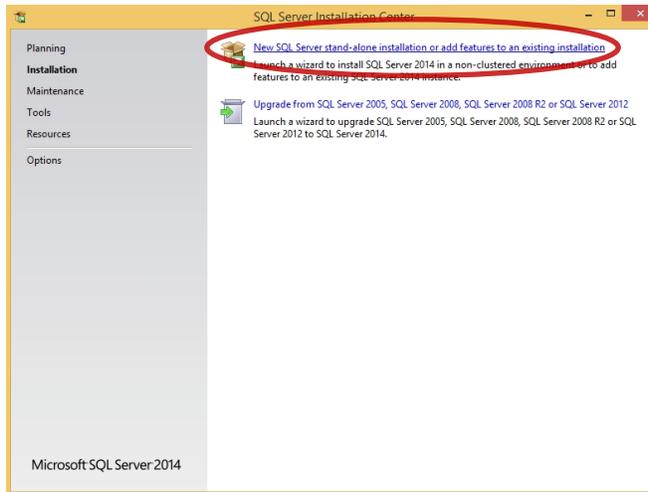


Click appropriate package.

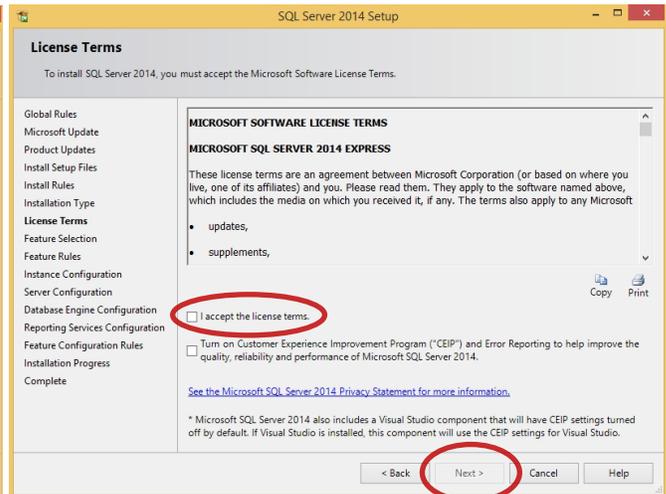
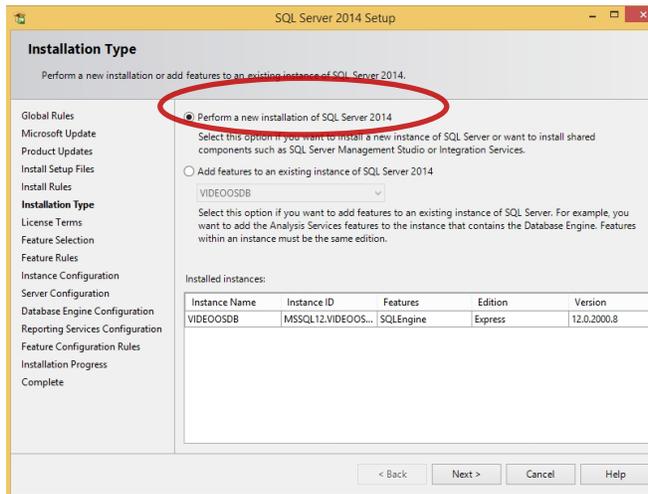
We choose "SQLEXPADV_x64_ENU.exe"

After downloading the file, double click the SQL package. This process starts SQL installation.



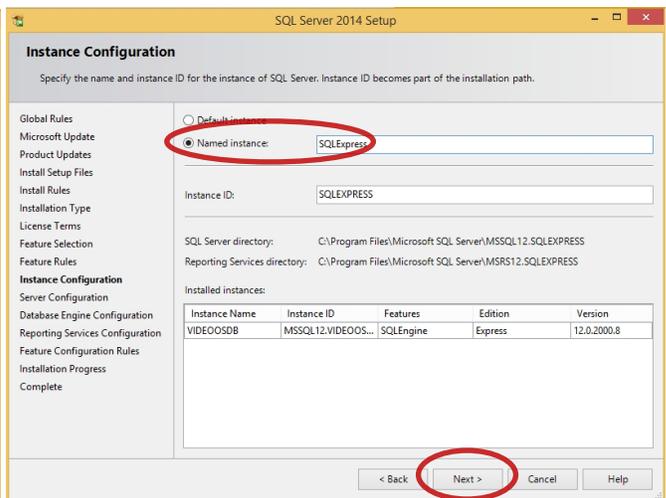
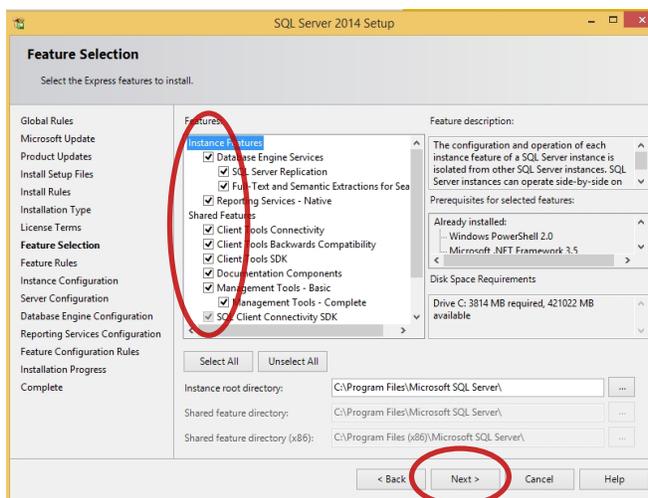


Click "New SQL Server"



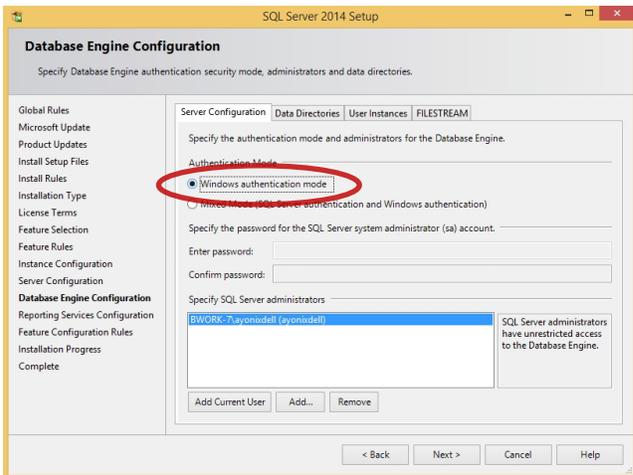
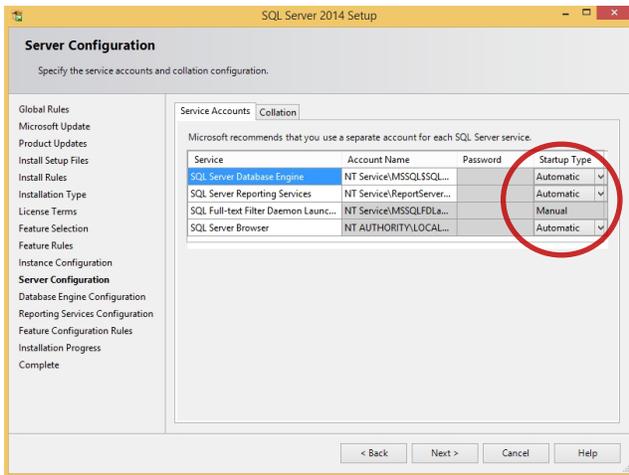
Click Perform a new installation of SQL Server 2014

Accept the licensing terms and click next



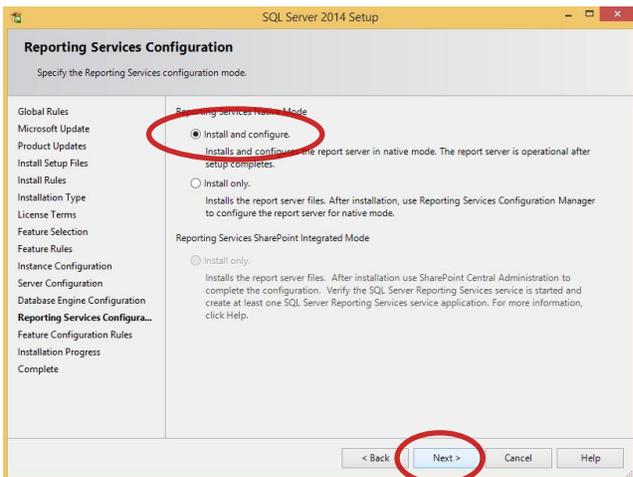
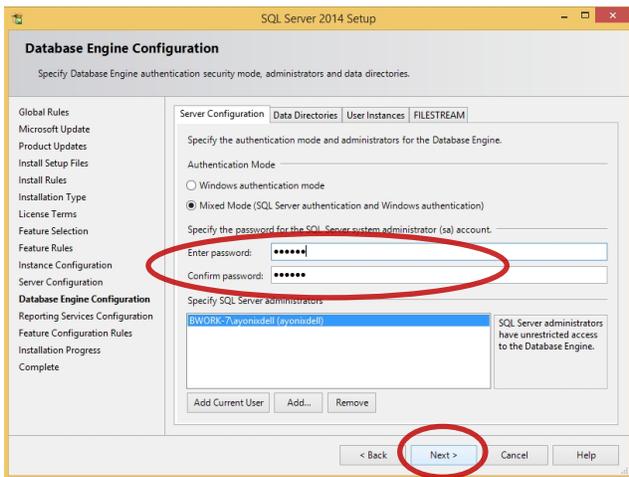
Select all features(default) and click Next

Select "Named instance and click Next



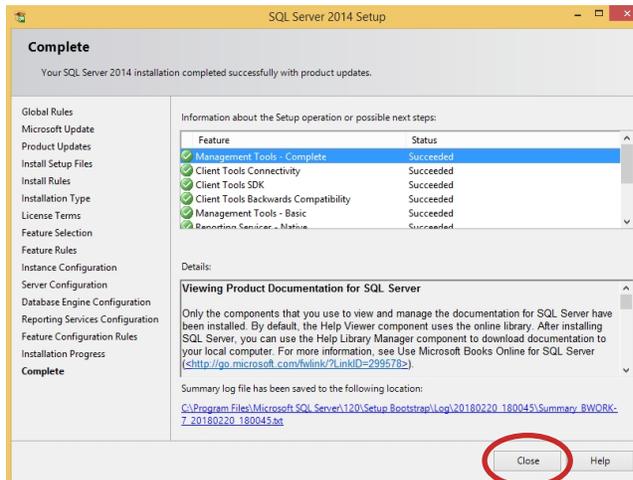
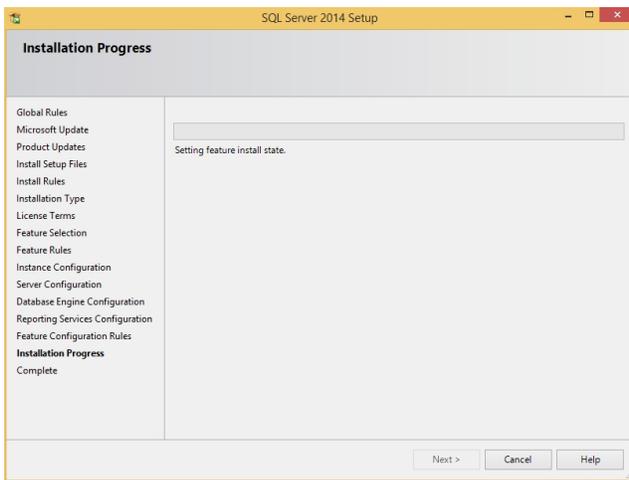
Make sure all "Startup type" is set to Automatic.

Change "Windows authentication mode" to Mixed mode



Assign password for mixed mode(sa password)

Click Install and configure and click next

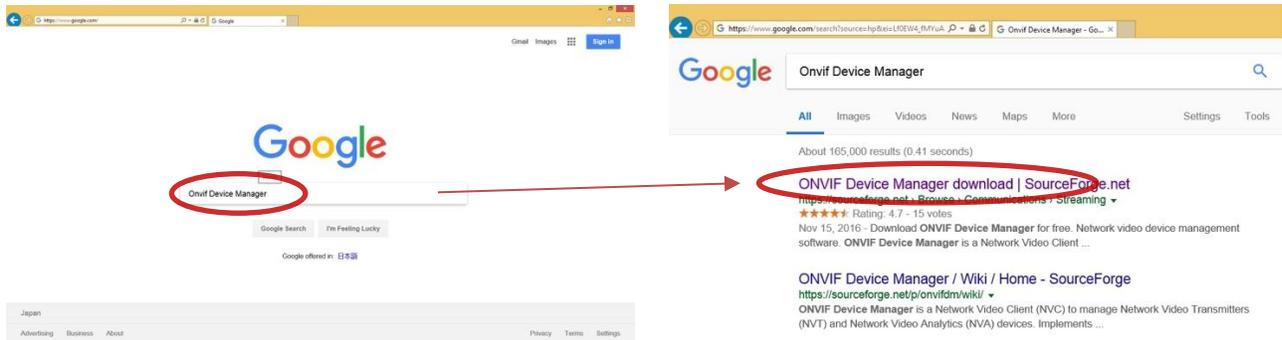


Installation will start

Make sure there is no failure. Click Close to finish

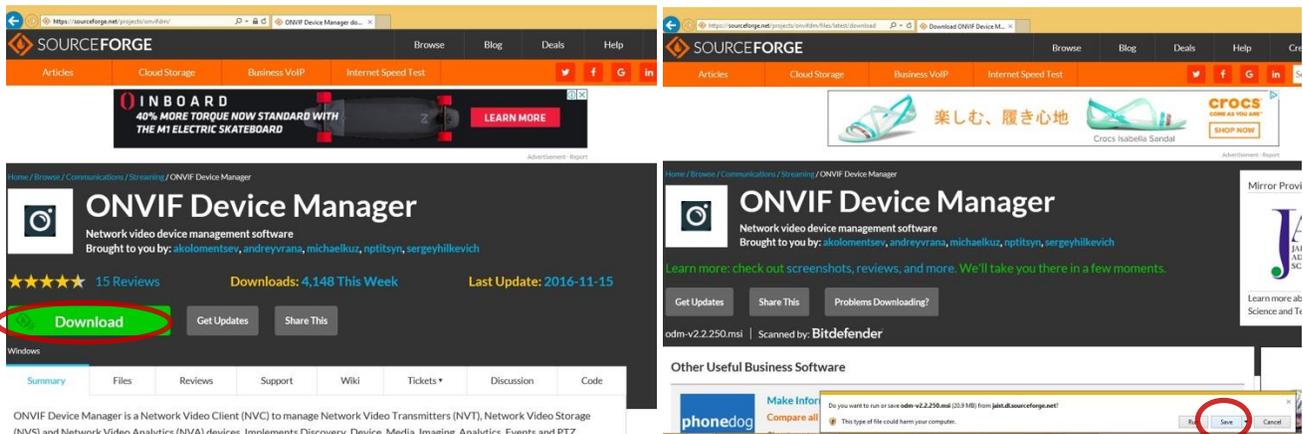
3.2 Install Onvif Device Manager

Onvif device manager is needed for confirming camera connections. It is necessary to install.



Open Google in your web browser and search Onvif Device manager or

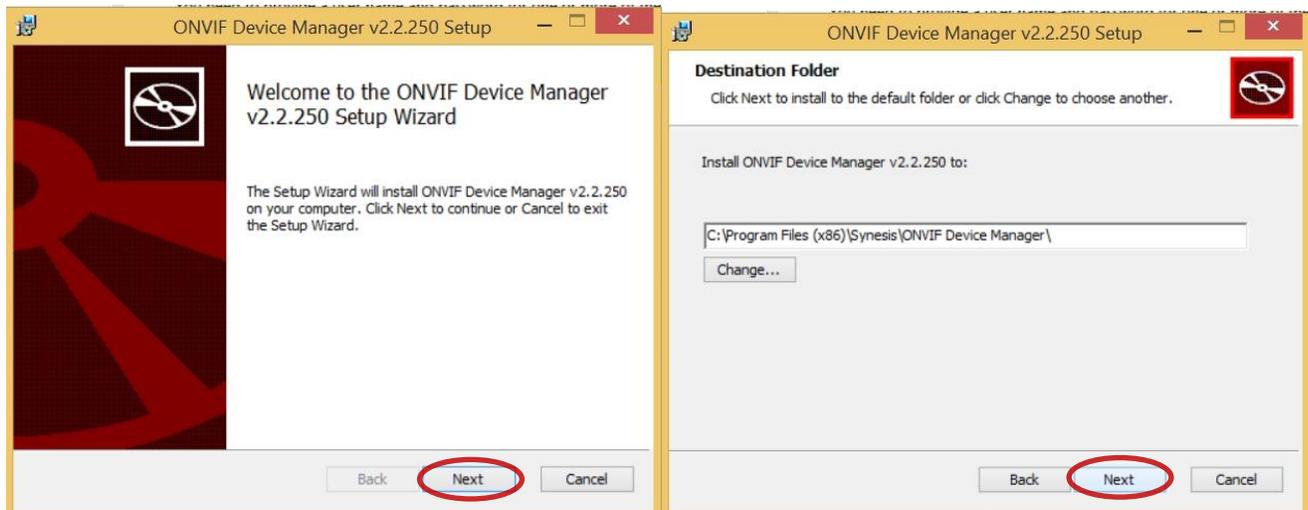
directly open the link: <https://sourceforge.net/projects/onvifdm/>

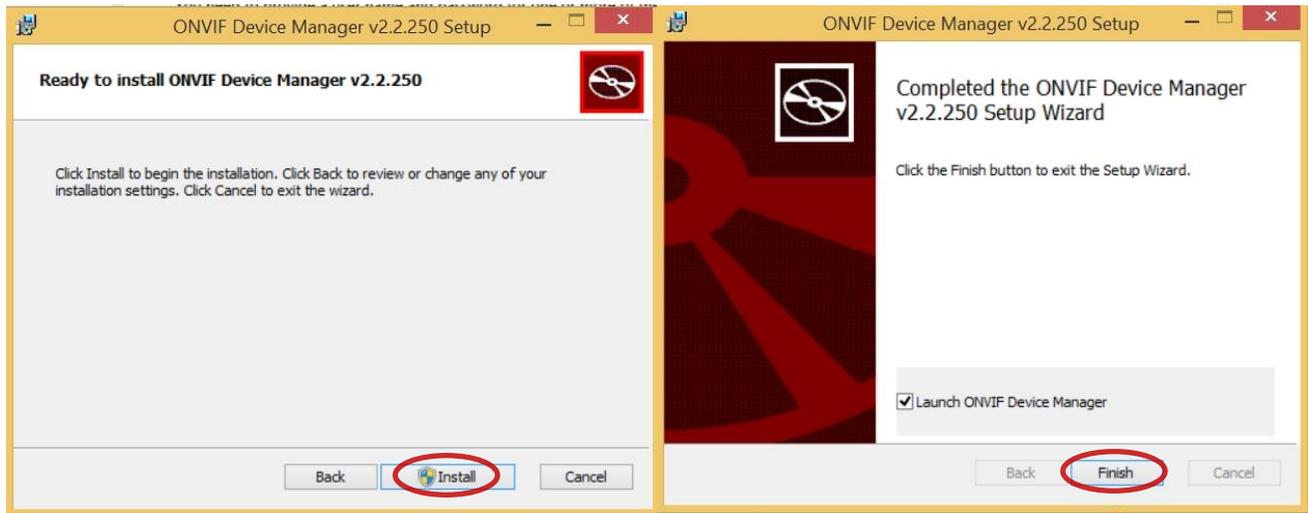


Click "Download"

Save the Onvif device manager setup file.

After downloading, please double click the setup and start installing.

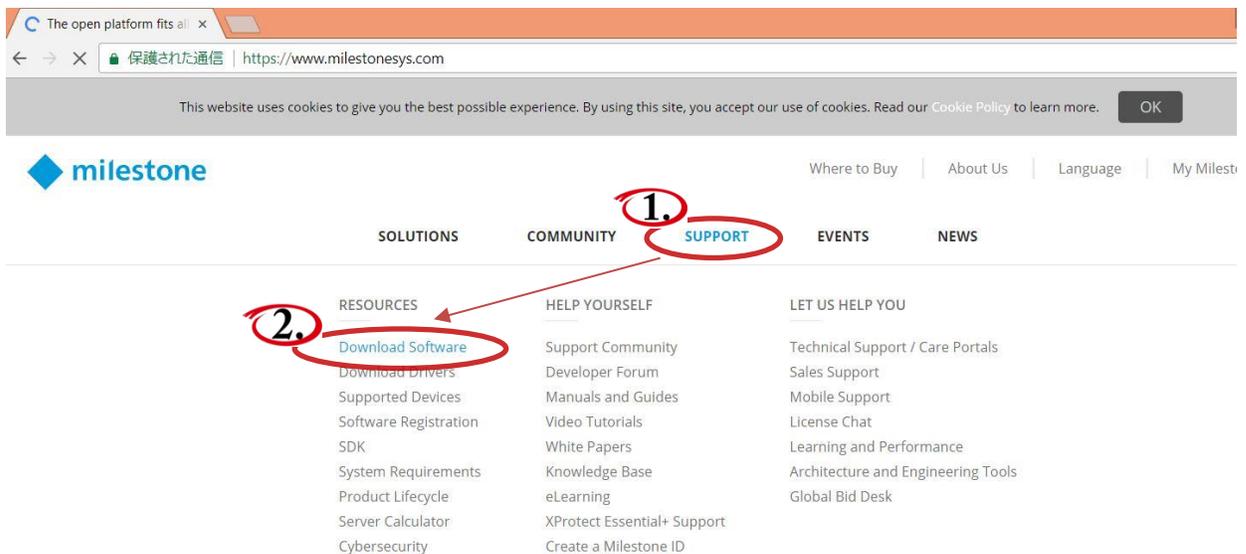


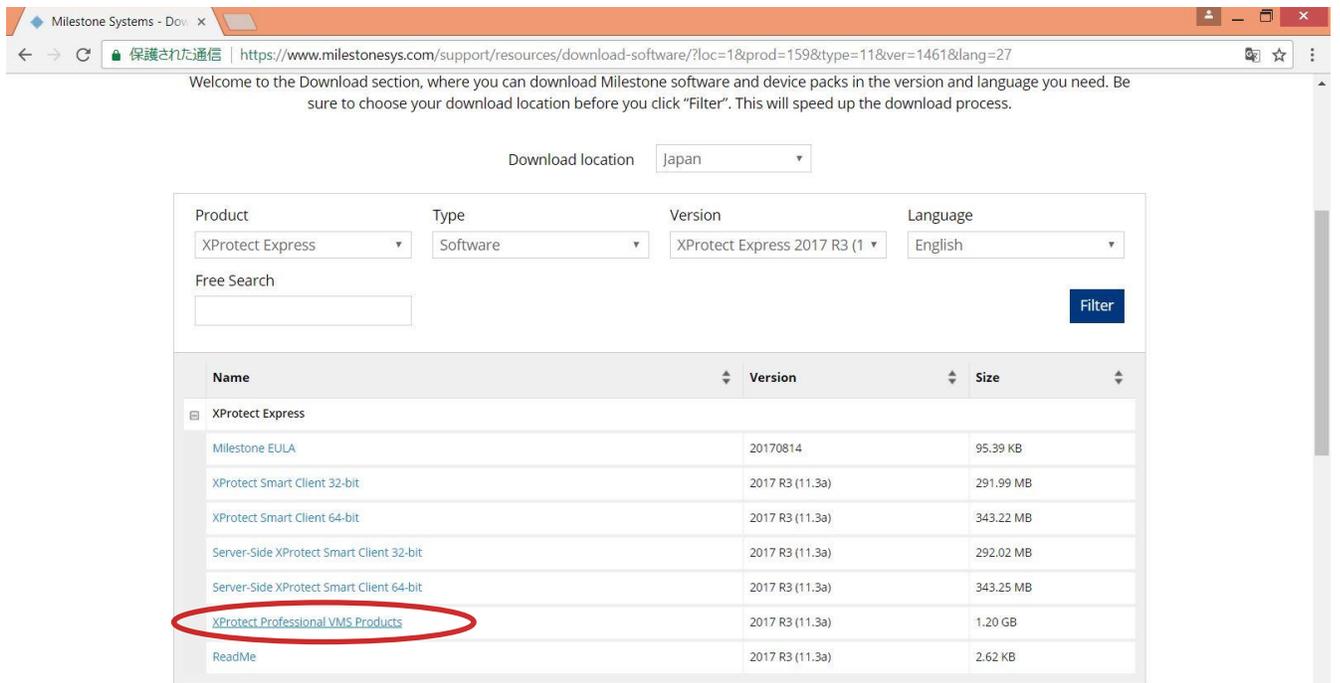
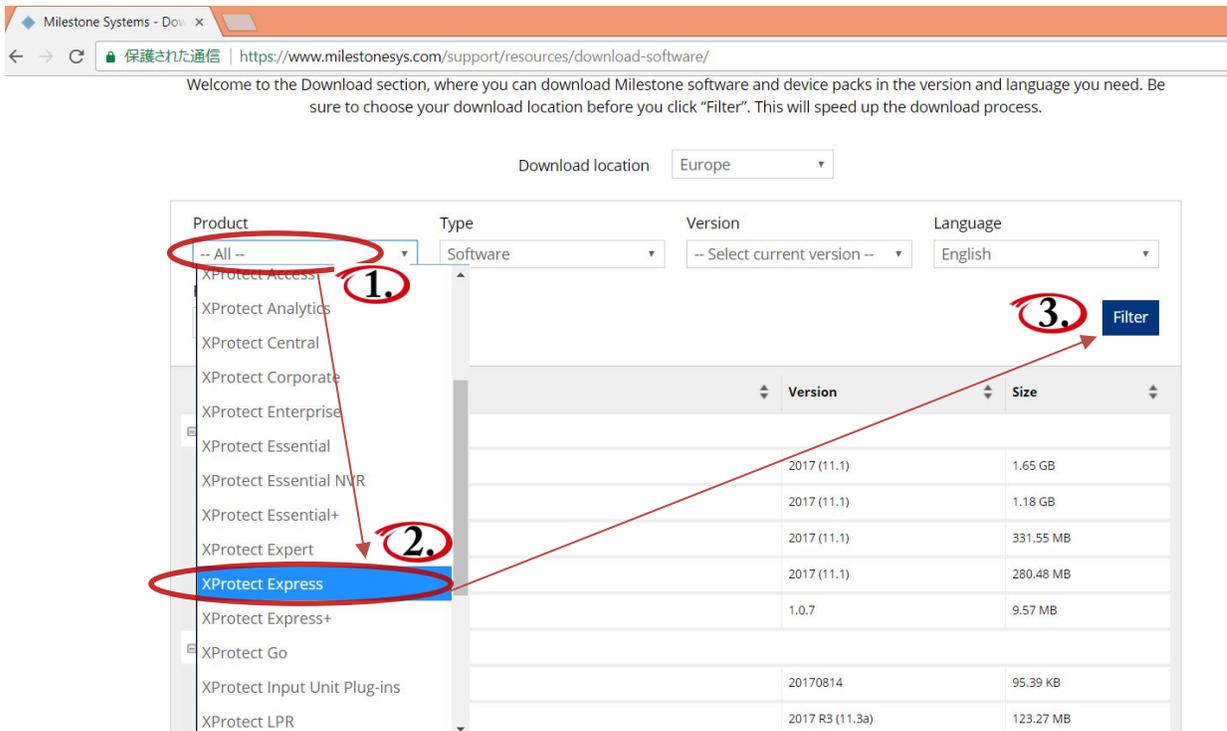


Click “Install”

Click “Finish”

3.3 Download Milestone Xprotect Application





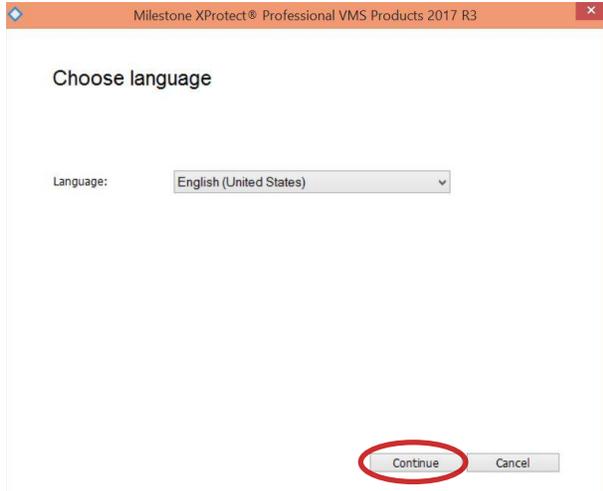
Download XProtect Professional VM Products.

You can also directly go to download area by clicking the link:

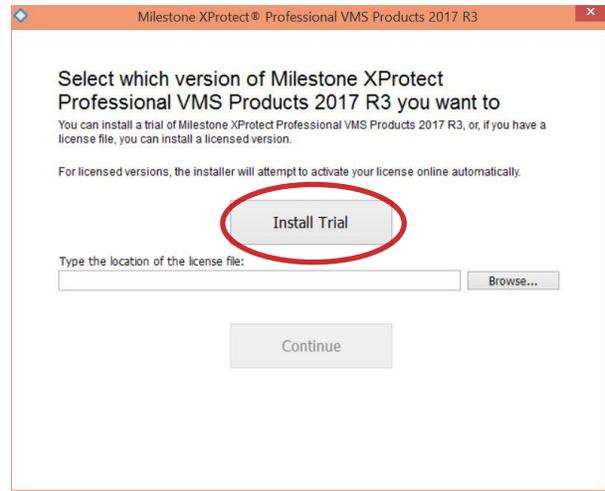
<https://www.milestonesys.com/support/help-yourself/manuals-and-guides/?prod=159&type=13&lang=27>

3.4 Start Xprotect installation

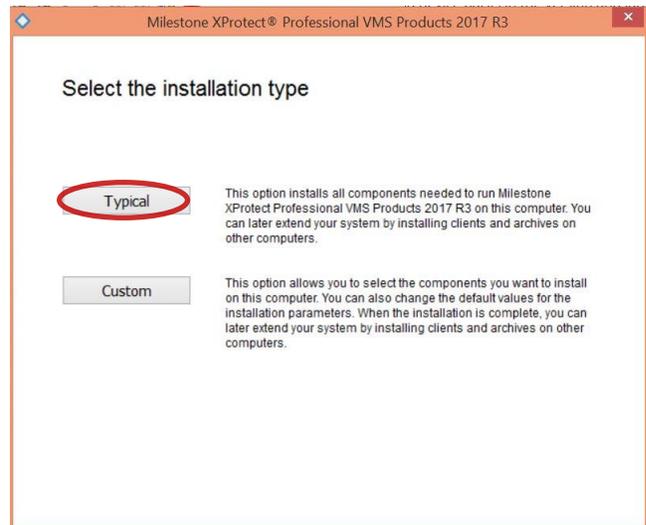
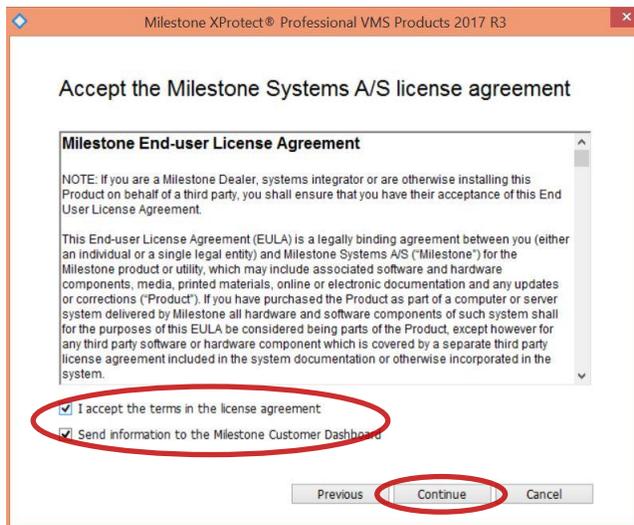
After downloading, click on the downloaded file to run setup as below:

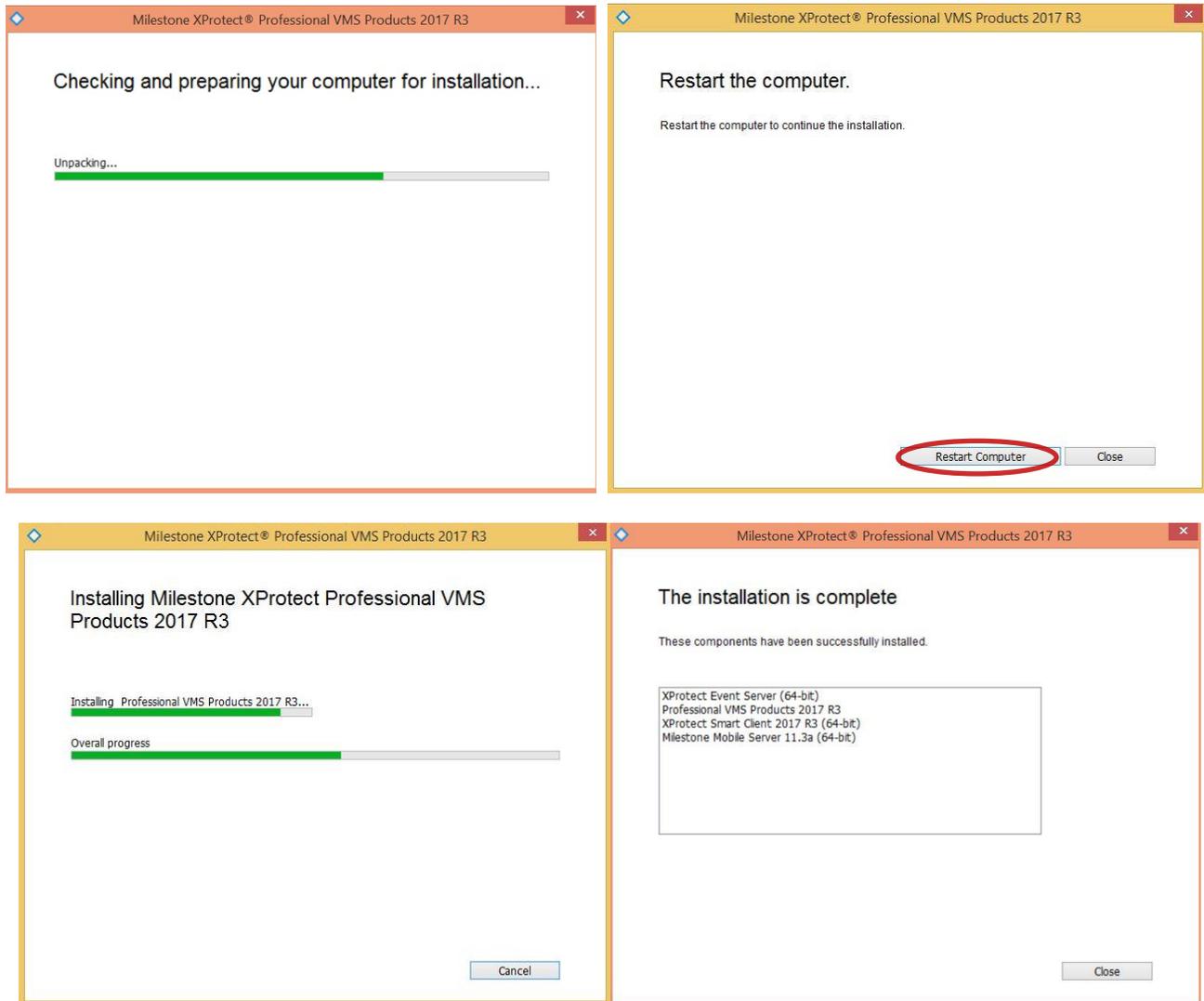


Choose installation directory



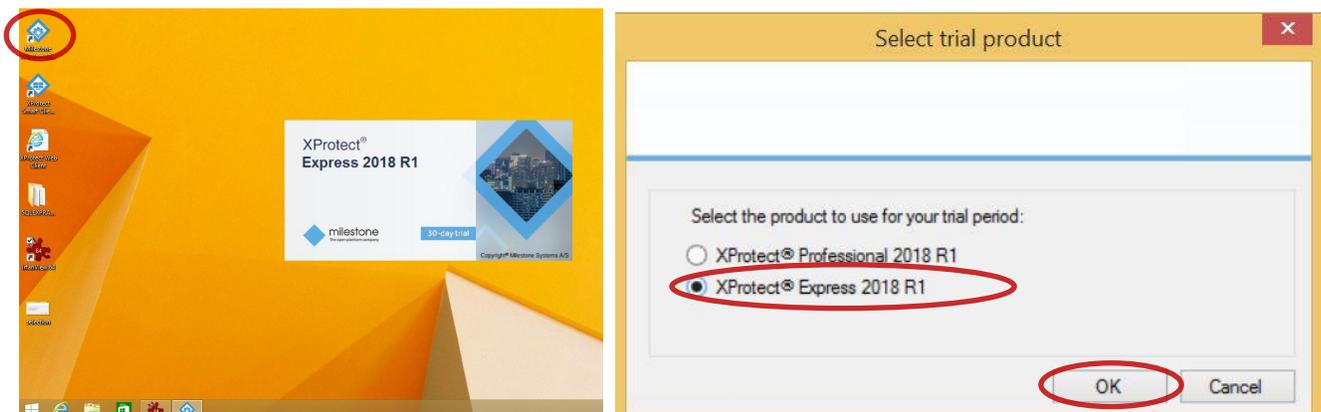
Click Install Trial or put your license ID to install





Confirm that Installation is complete

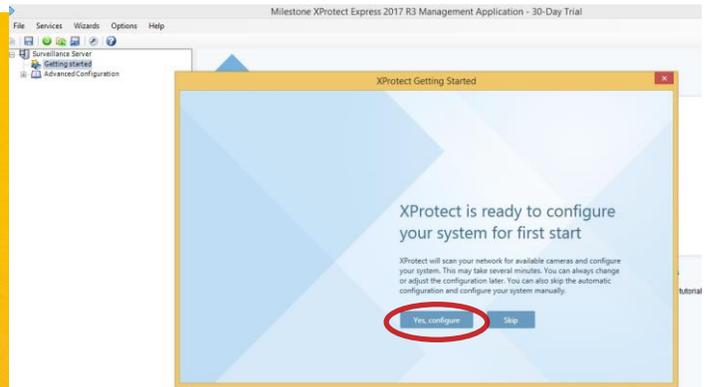
3.5 Conduct Milestone Xprotect configuration



Run Milestone Xprotect Management(Desktop)

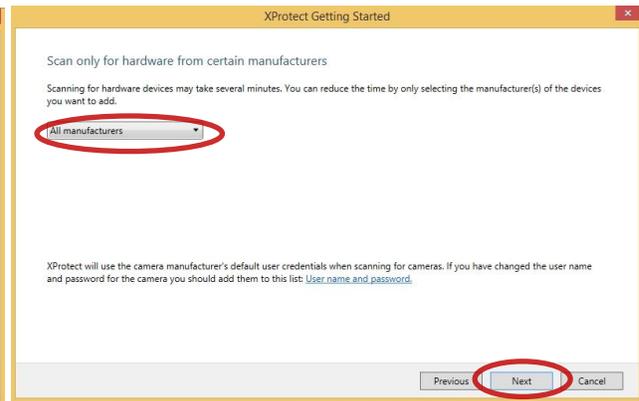
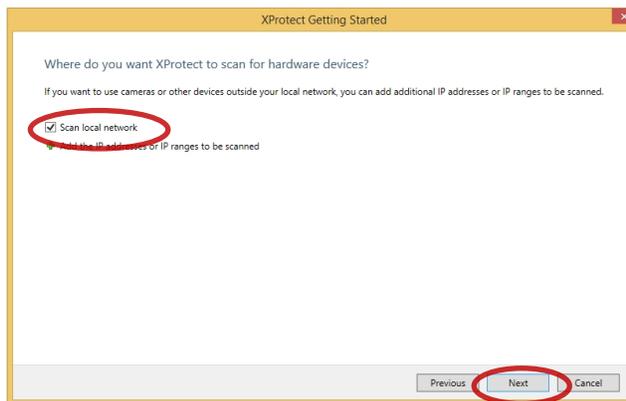


Choose Xprotect Express 2018 R1



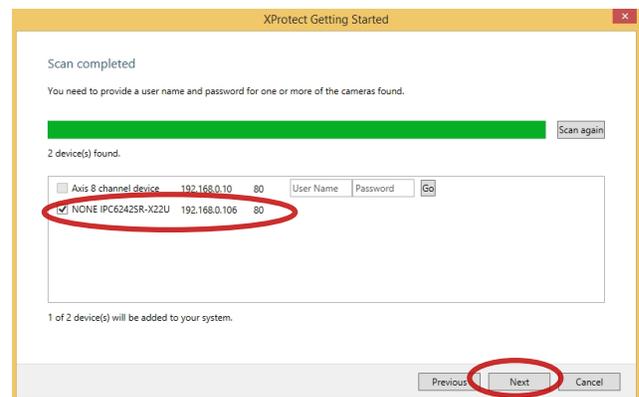
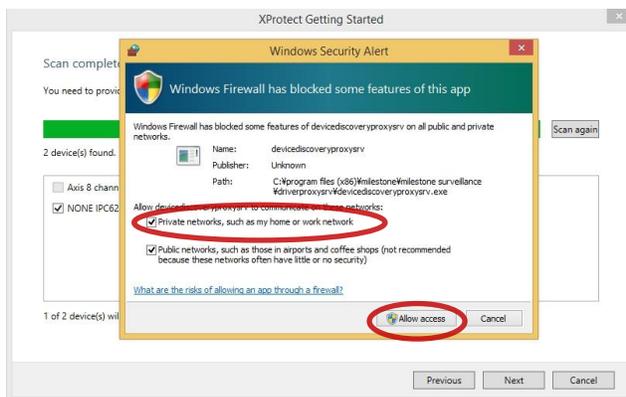
Xprotect Express will start running

Xprotect will ask to scan your network. Click Yes



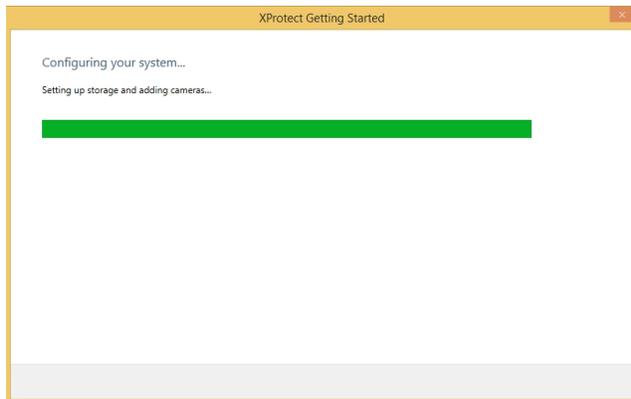
Click "Scan local network" to find cameras

Choose "All manufacturers" and click Next

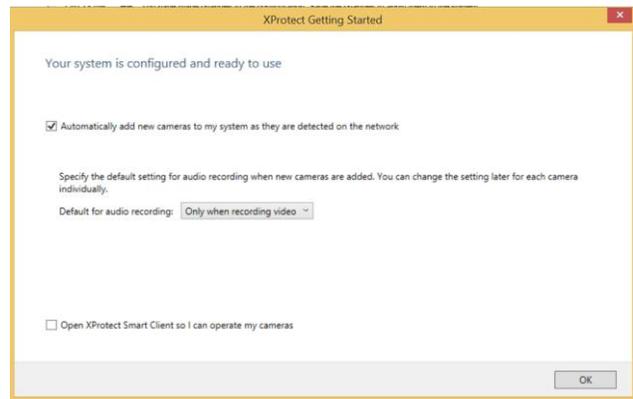


Approve the firewall and click "allow access"

Choose cameras you wish to add

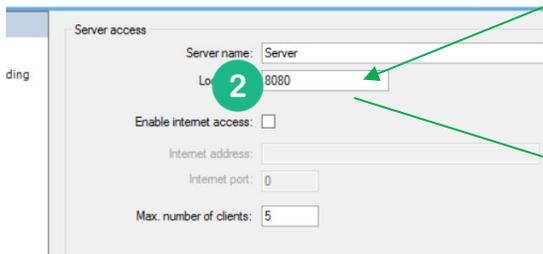
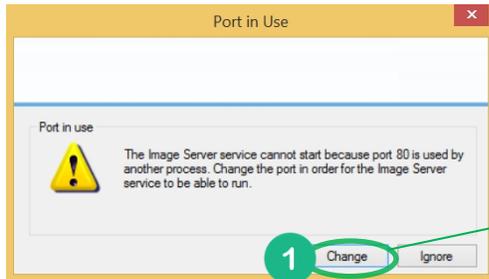


Cameras are being added to the system

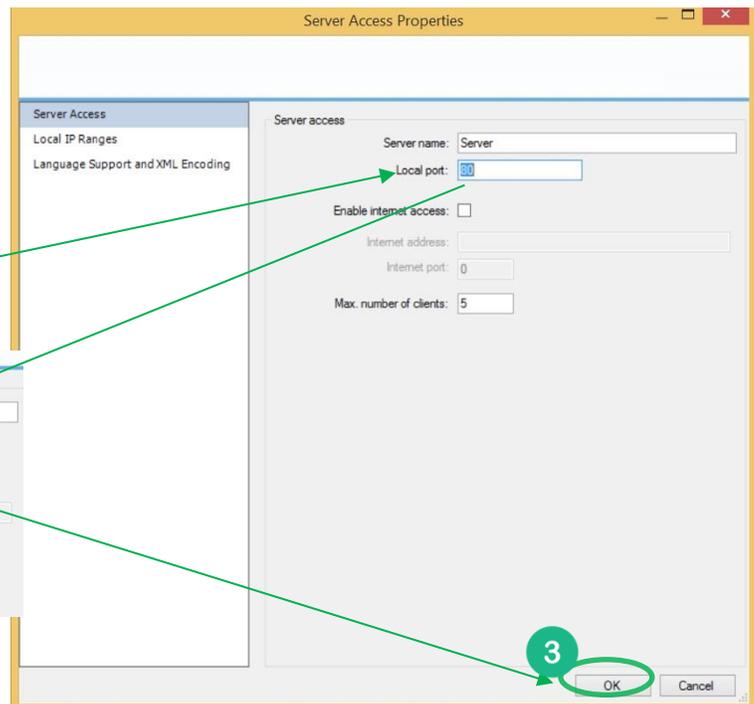


Configuration finished. Click OK

In some computers, due to 80 port usage by another application, software might give a warning after configuring the system.

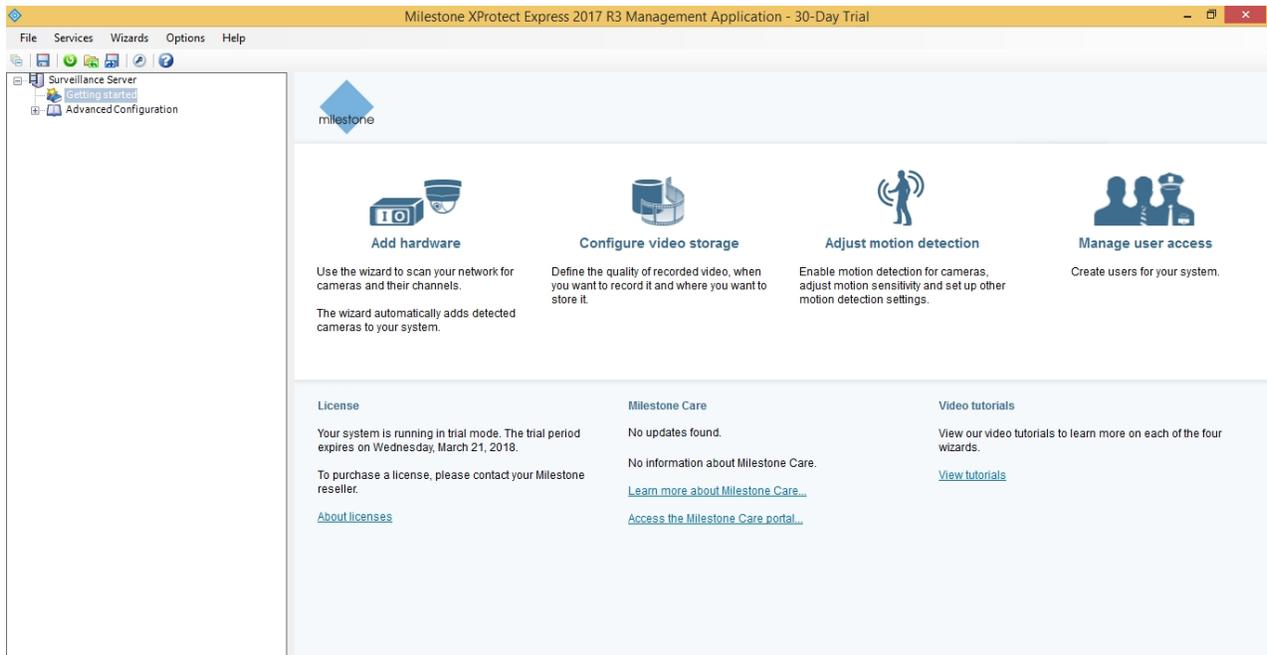


Port change warning. Click Change and

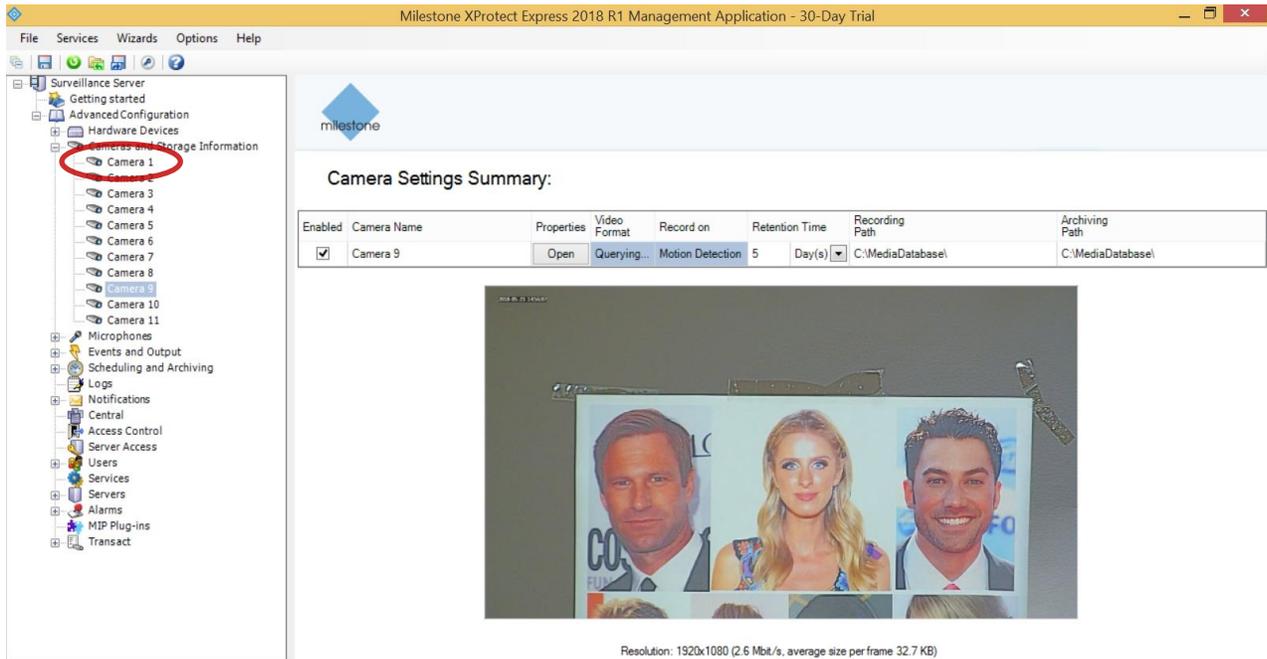


Put another port number. Here we write 8080. You need to use this port no along with server IP address when logging into the Milestone Xprotect client or server application. After port change, below screen opens.

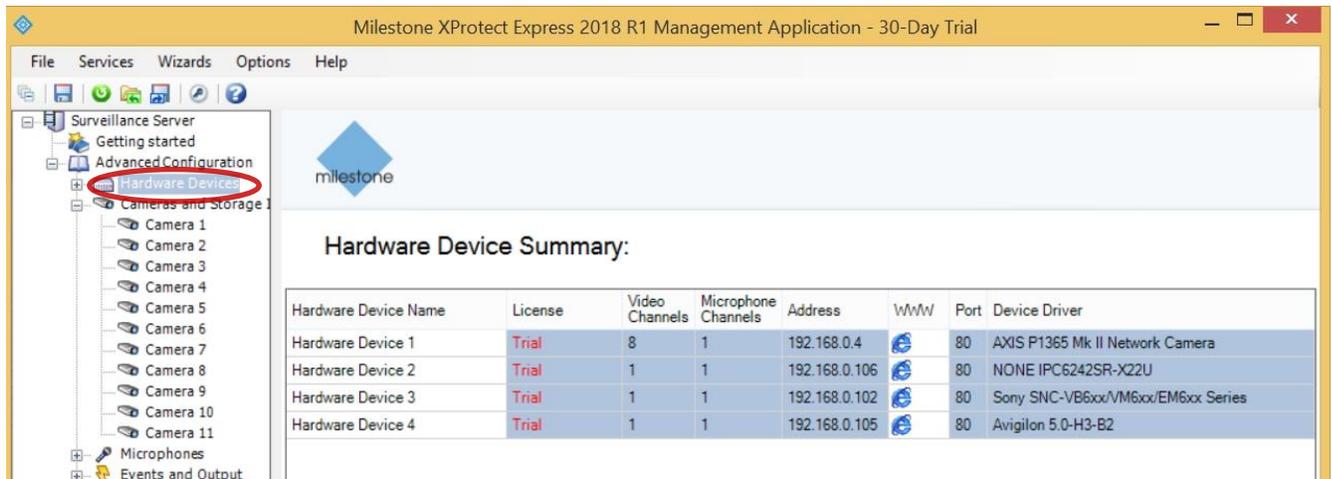
If assigned port is allocated by another application, please give another port number so that new port no is not being used by another application in your computer.



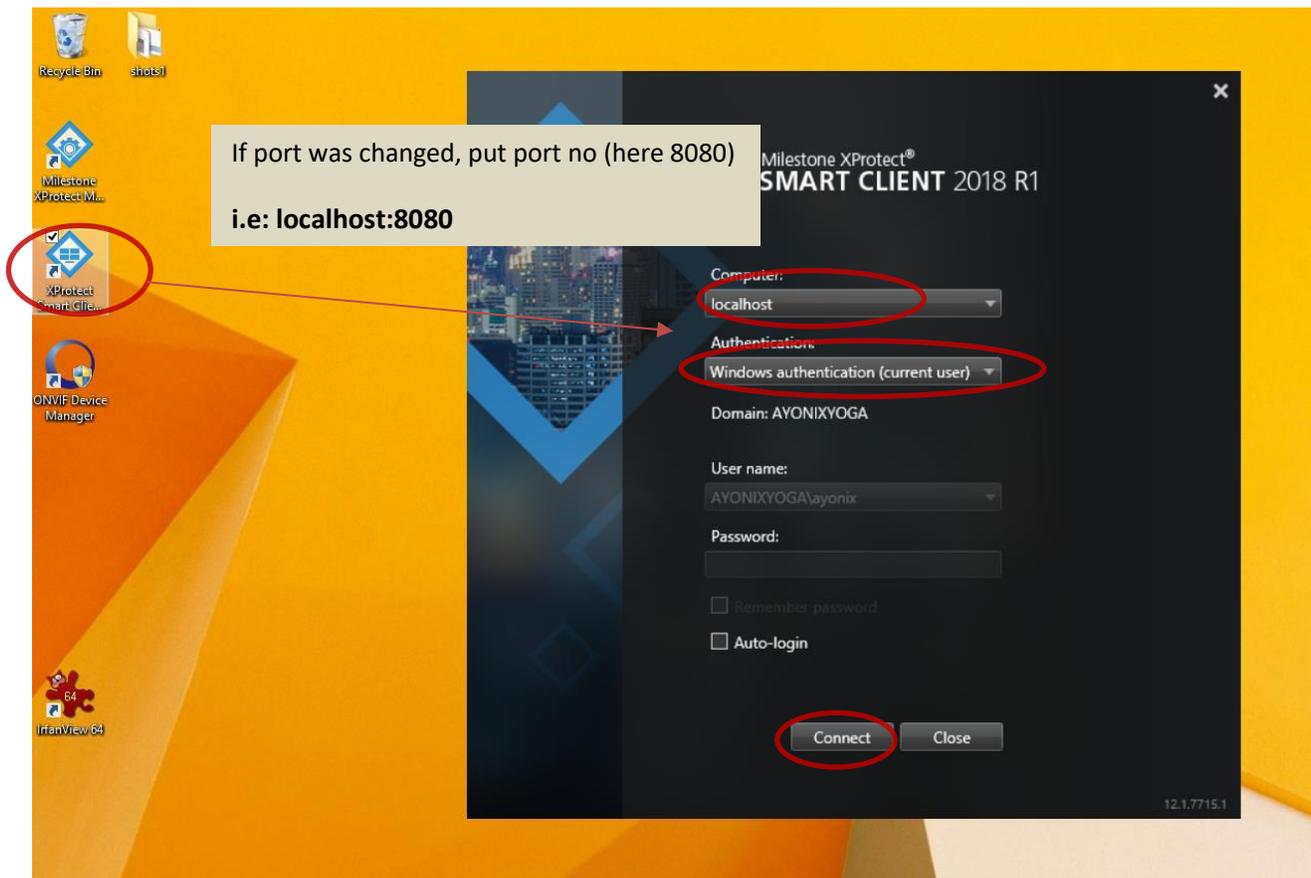
Main window of Xprotect Management



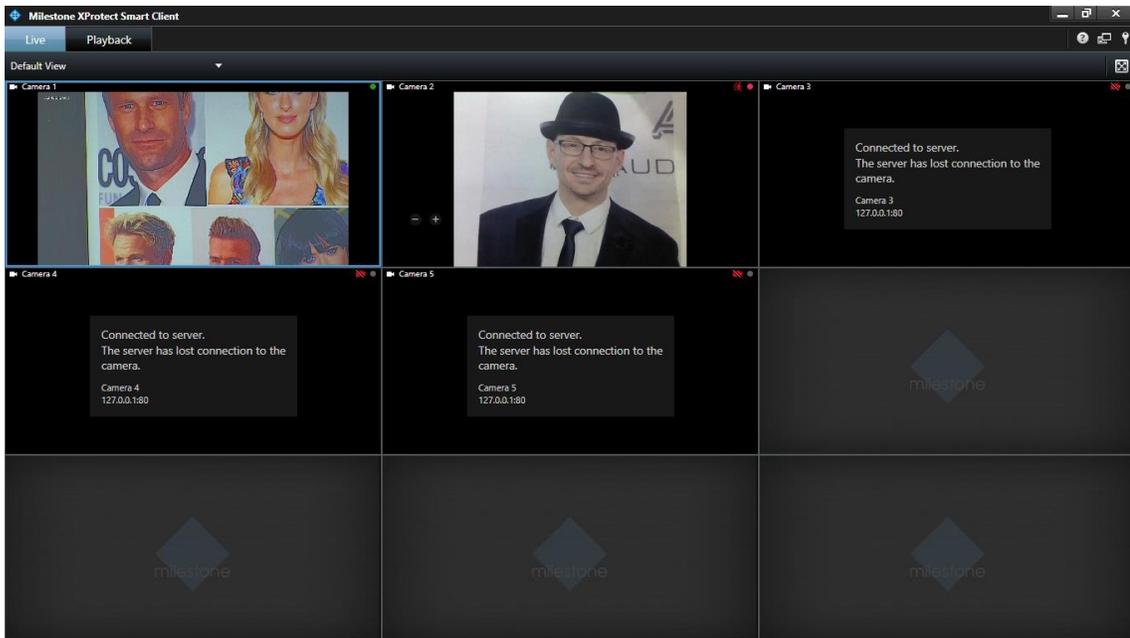
Click the camera you wish to monitor



All hardware devices are displayed in “Hardware Devices”

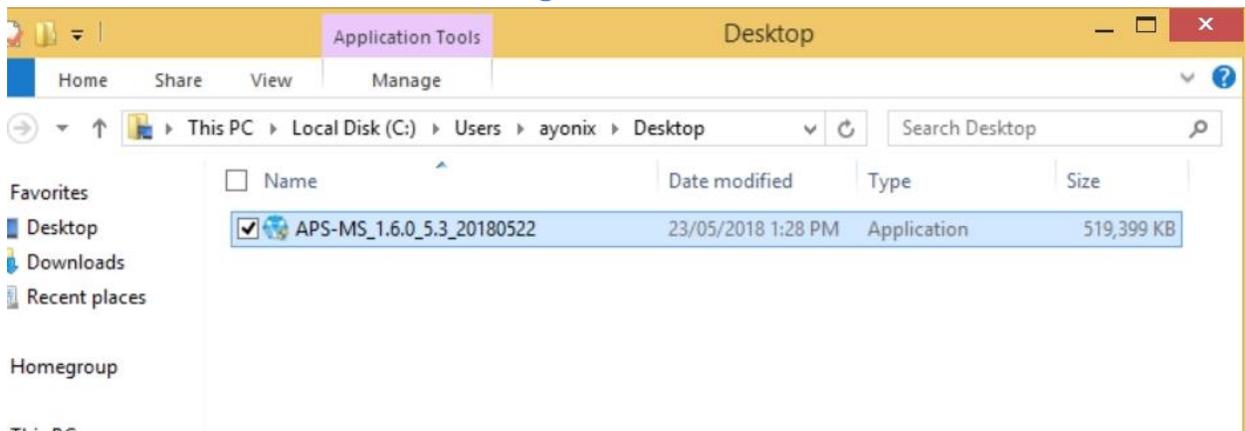


Run the Xprotect Smart Client shortcut in Desktop. Put Server IP (localhost here), choose Authentication and click “Connect”. If you changed the port number, please put port number after localhost (For example, localhost:8080)

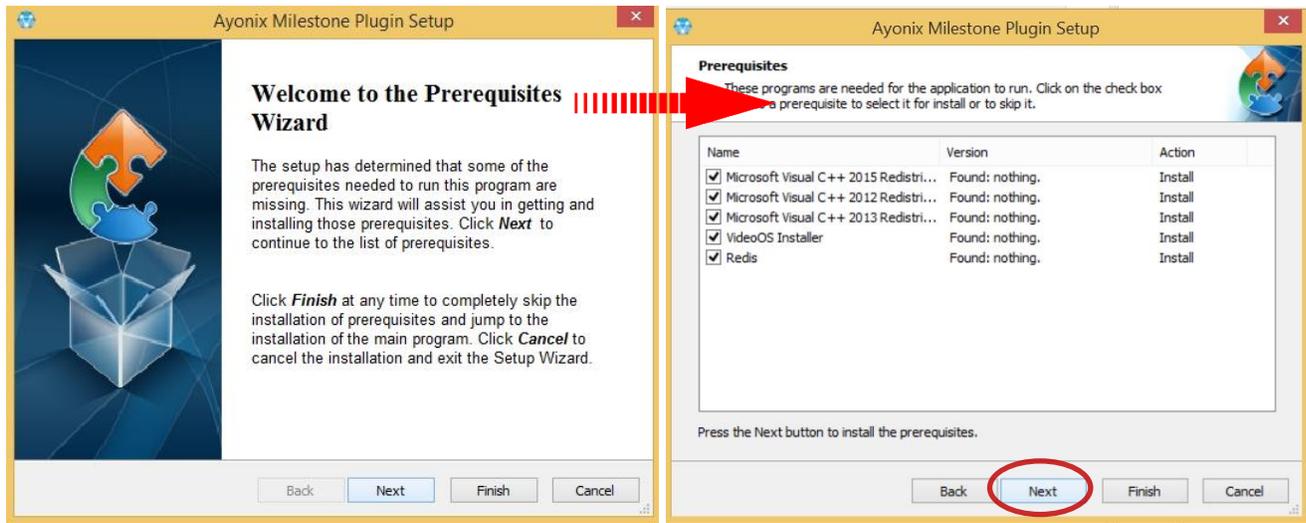


Xprotect Smart client window. Make sure cameras are playing correctly.

3.6 Install APS-Milestone Plugin

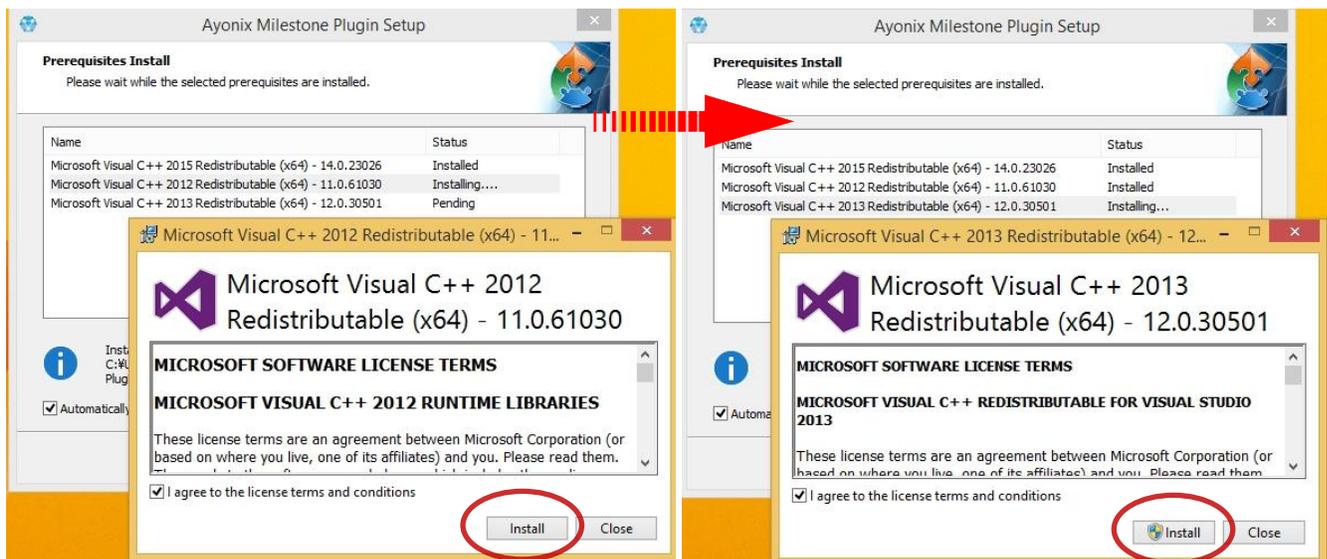
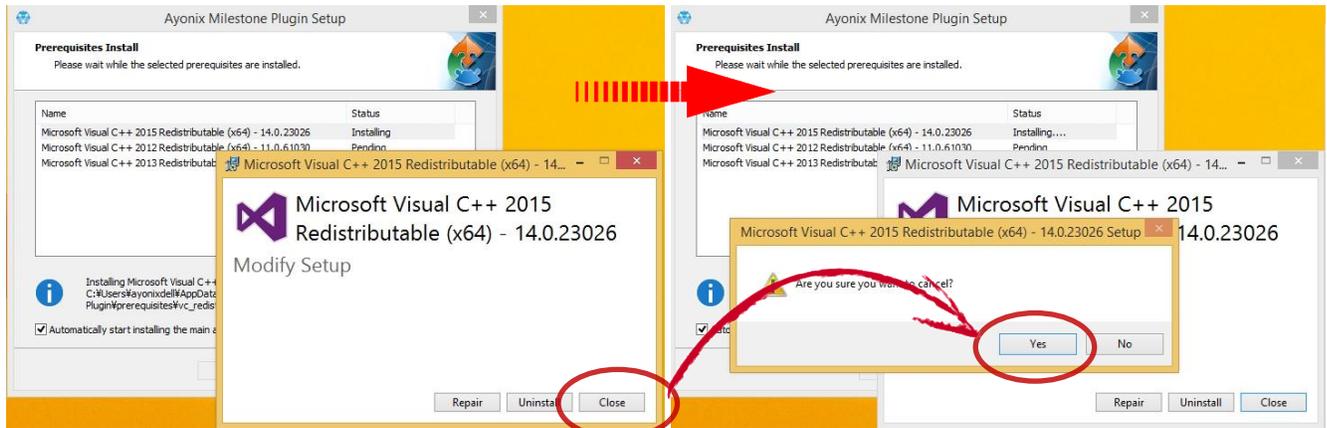


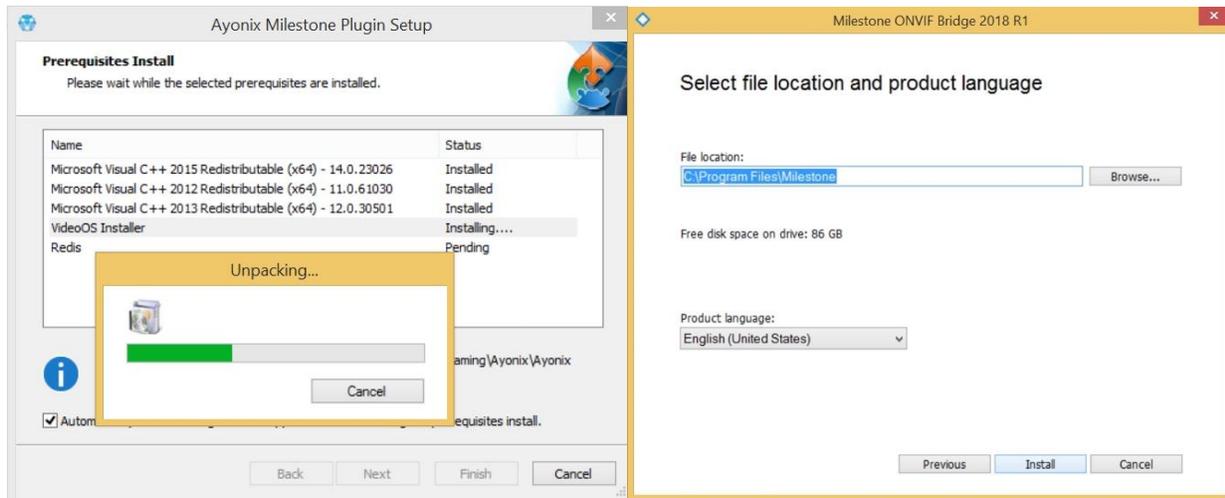
Click the installation file that has been sent by Ayonix. If you do not have, contact our company.



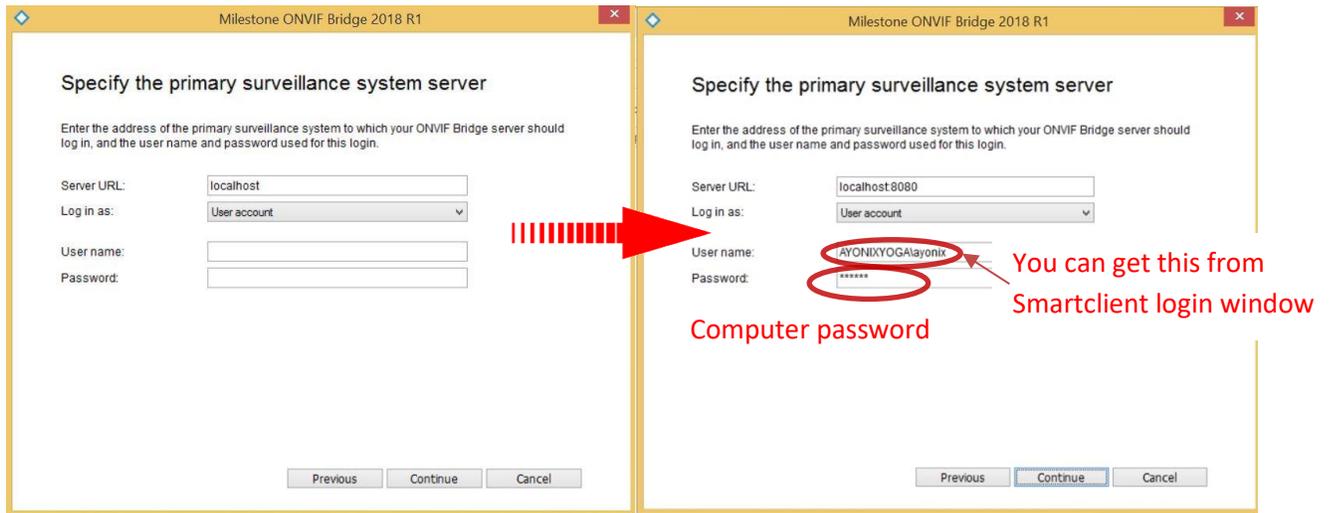
Starting APS-Milestone plugin

Confirm the prerequisites

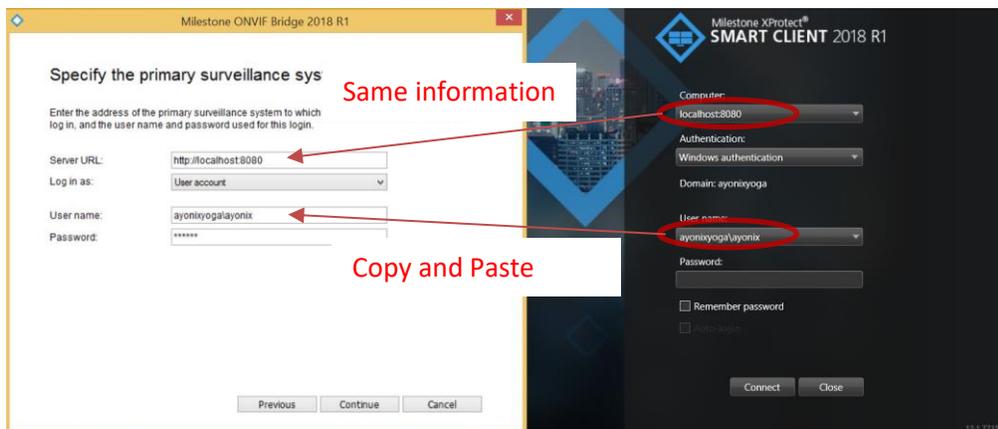


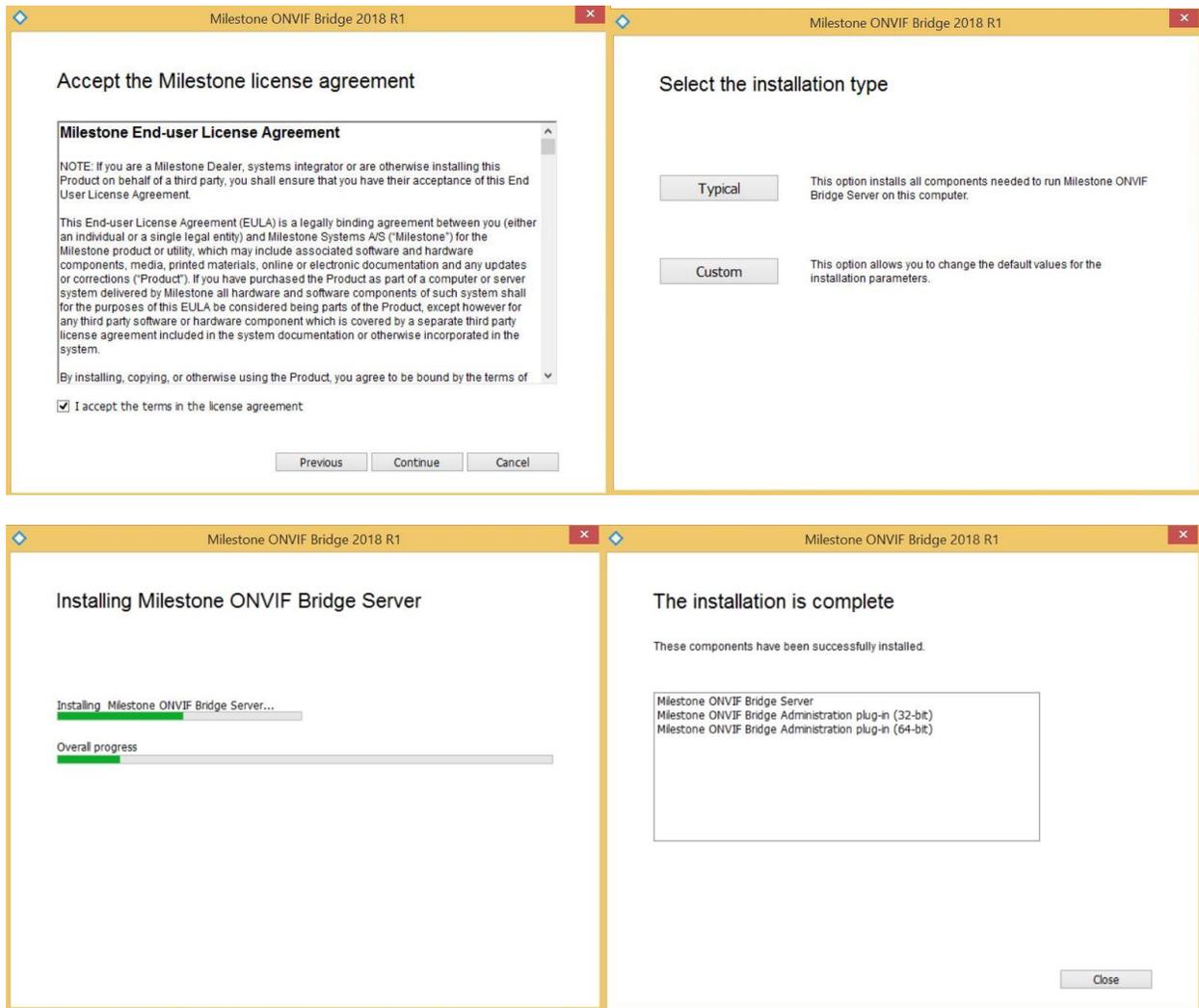


Onvif Bridge installation

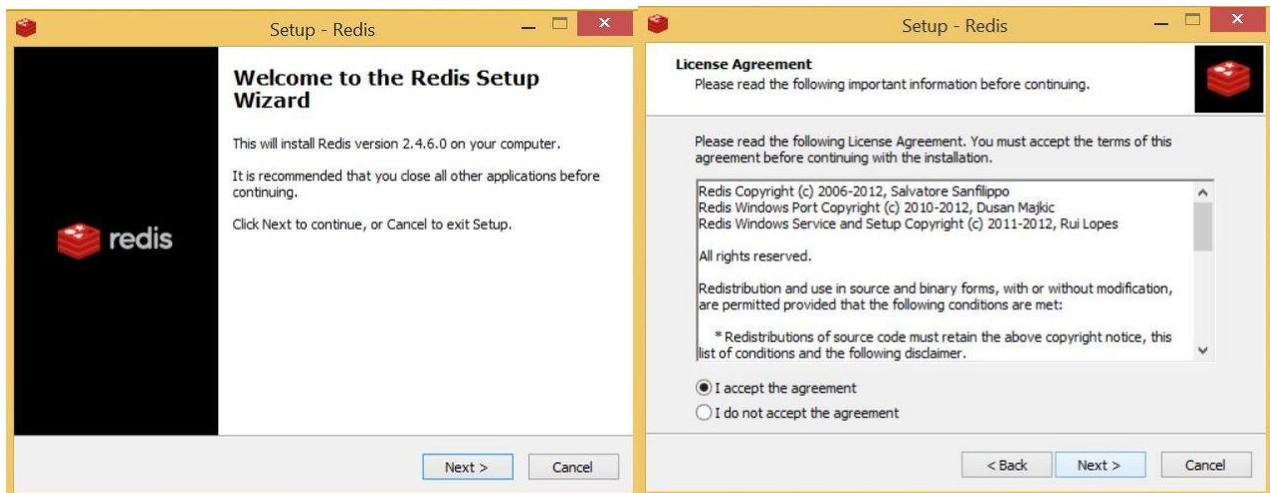


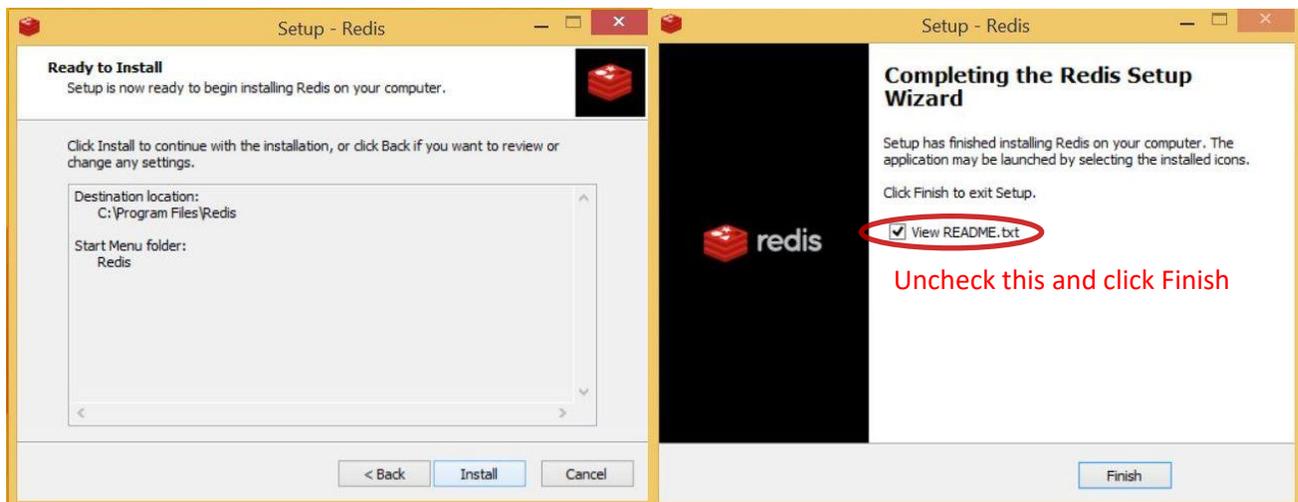
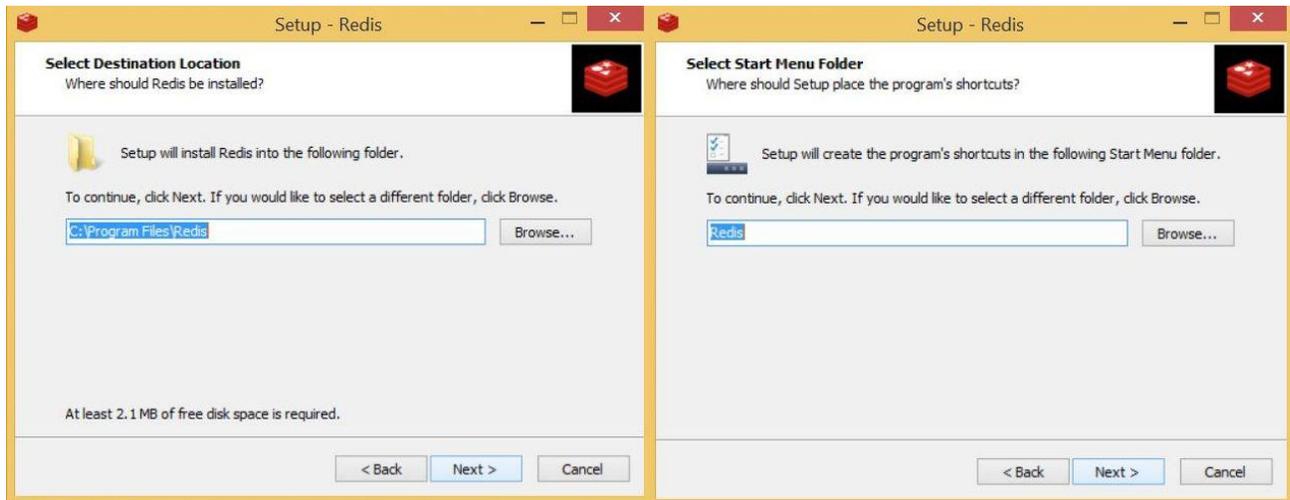
Put login information. Localhost is your default Milestone server. If port has been changed, add port number. Else, please put only localhost as "Server URL". "Username" and "password" is your computer login information. You need to put computer name and computer username. Here, AYONIXYOGA\ayonix is used as User name. You can get exact User name by copying it from User name field of *Smart Client*.



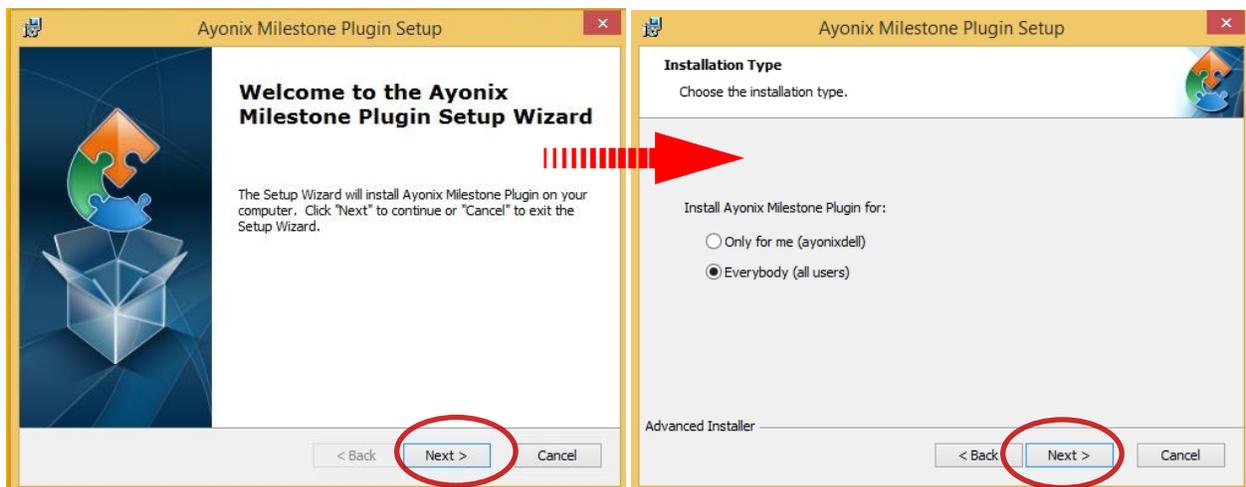


After Onvif bridge installation, Redis packagew installation starts:

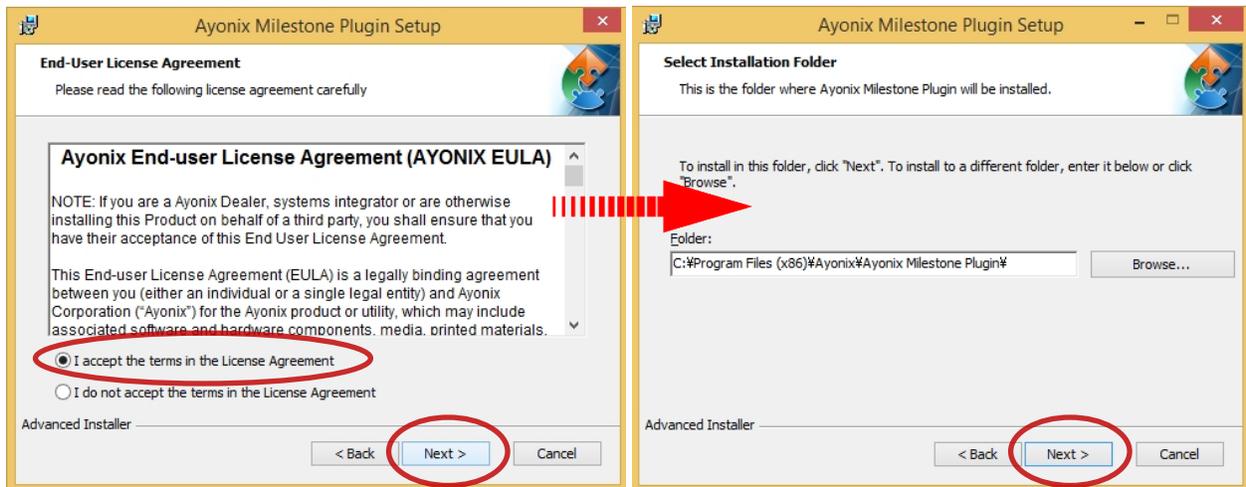




All prerequisites are installed. If there is already installed requisite, software asks what to do. In this case, cancel the installation. Plugin bypasses and goes to install other prerequisites.

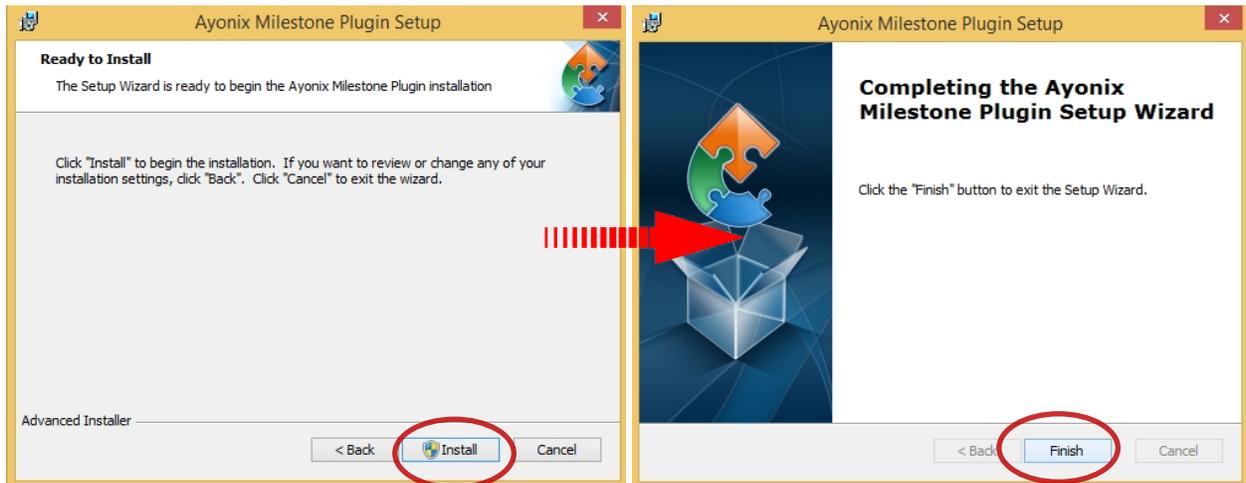


After prerequisites, installation starts Click to Next to go.



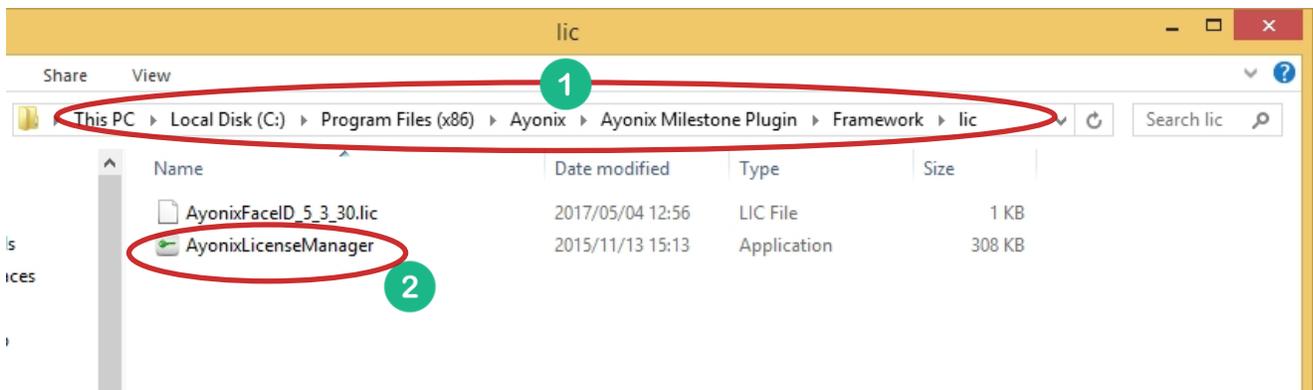
Accept AYONIX-EULA and click Next.

Install the software to default location as given.

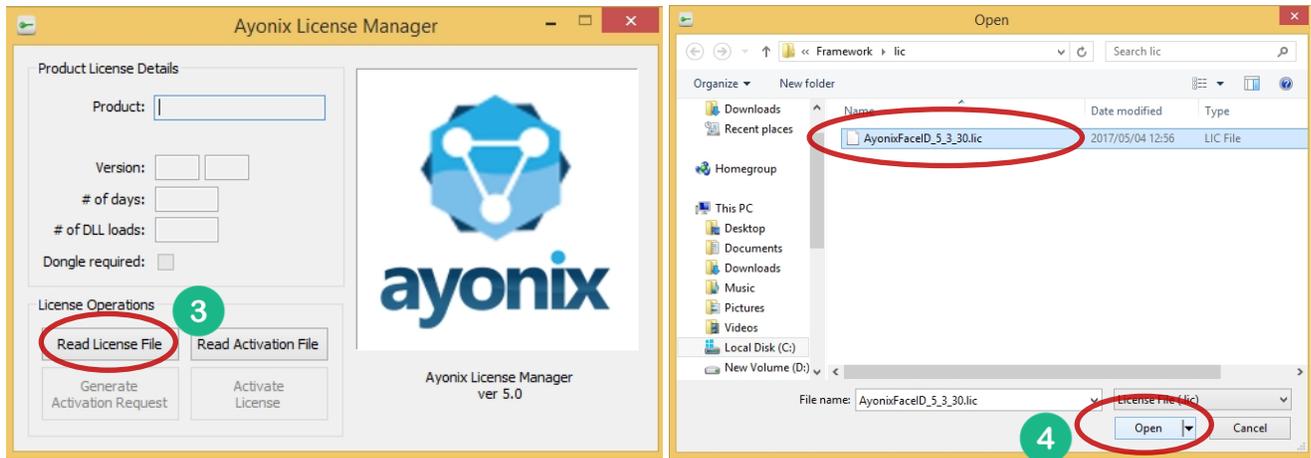


Choose installation folder. It is recommended to keep default settings. Finally click "Install" and after installation is complete, click "Finish". Please remember that setup spends a lot of time during execution of XML file system. Please be patient to finish up the plugin installation.

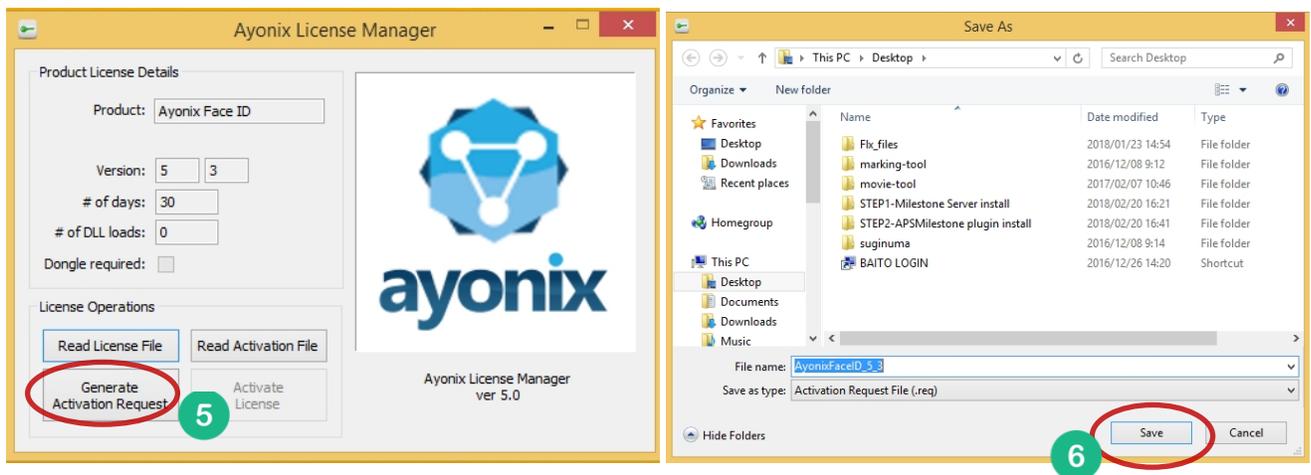
3.7 License the APS-Milestone Plugin



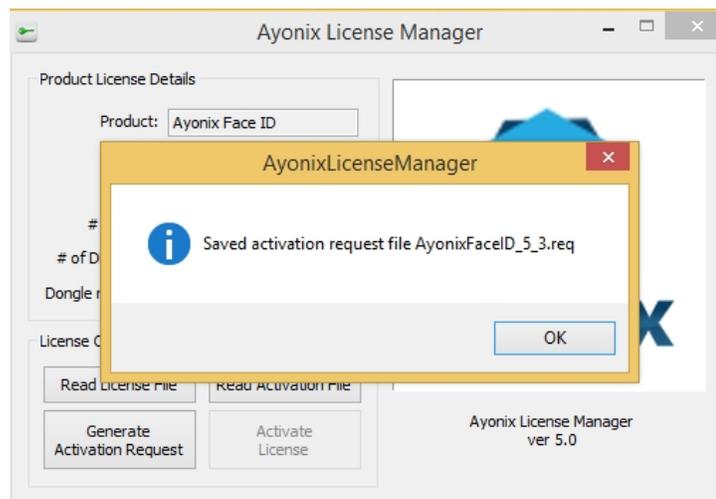
Open “C:\Program Files(x86)\Ayonix\Ayonix Milestone Plugin\Framework\lic” folder and run AyonixLicenseManager software.



Click “Read License File” and choose the lic file inside /Framework/lic inside *Ayonix Milestone Plugin* installation directory.

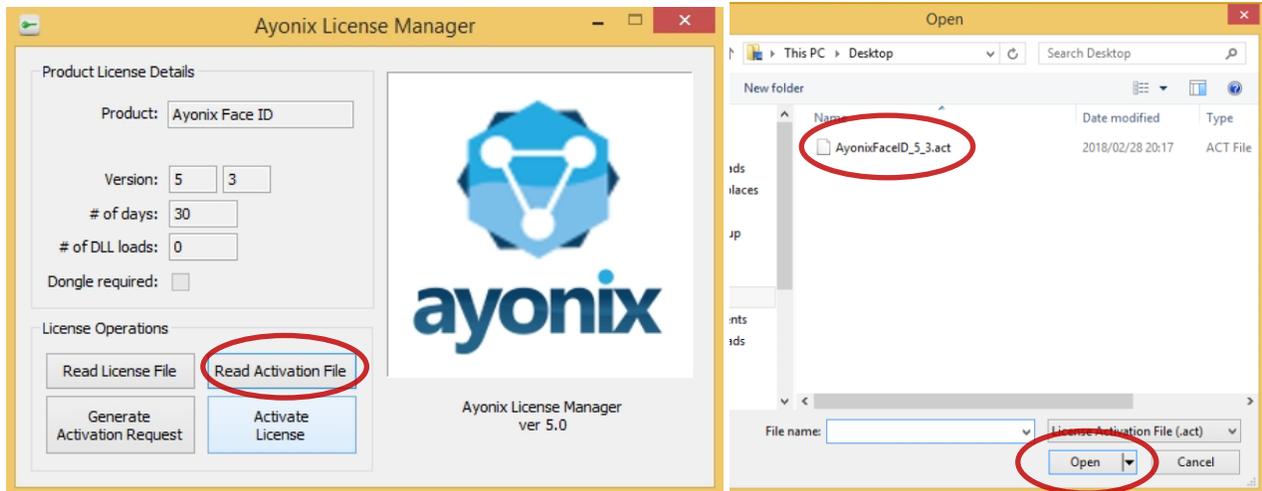


Click “Generate Activation Request” and save the file to your computer.

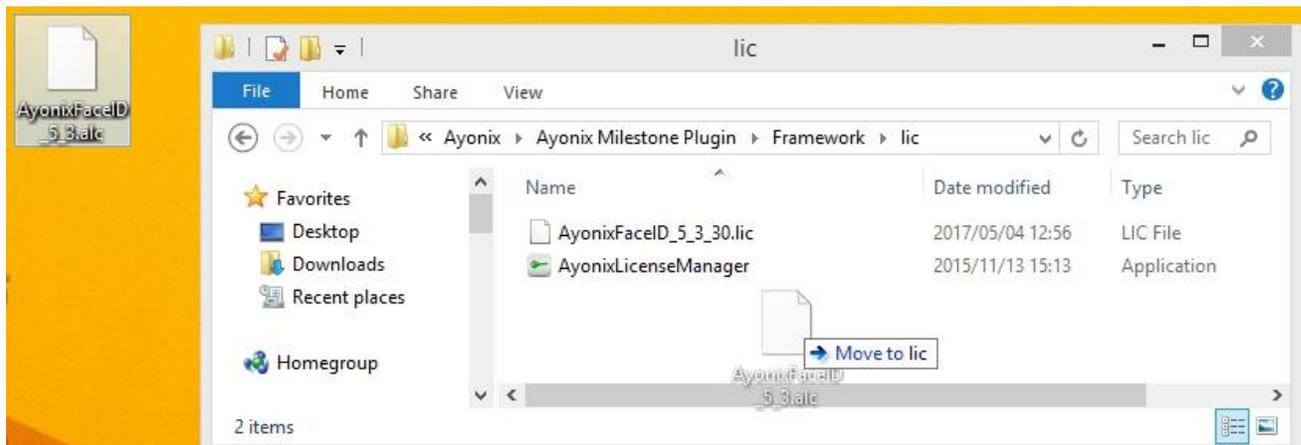
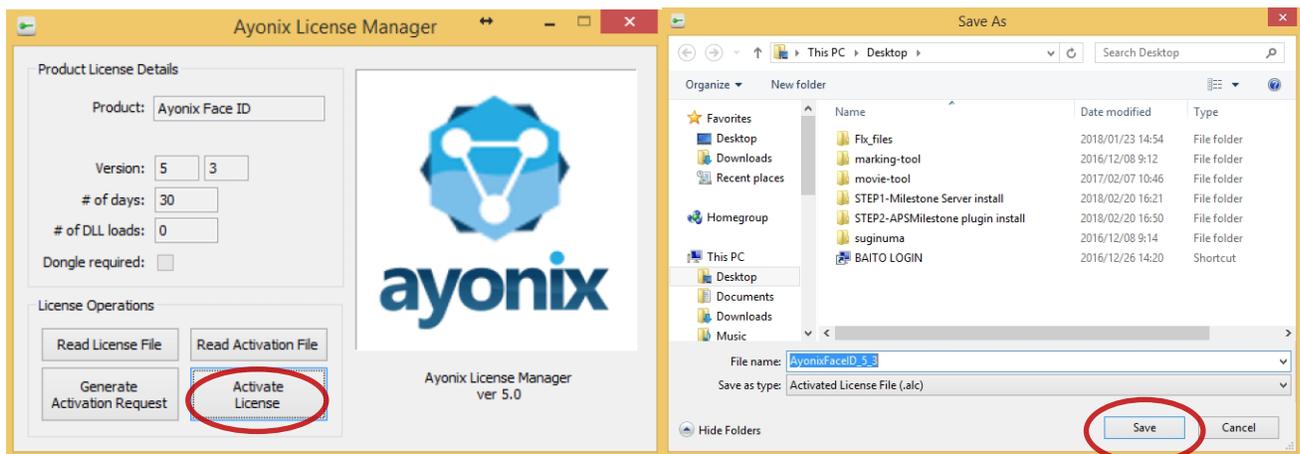


Req license file is saved to the computer. This file must be sent to “support@ayonix.com”

You will get approval license key “AyonixFaceID_5.3.act”

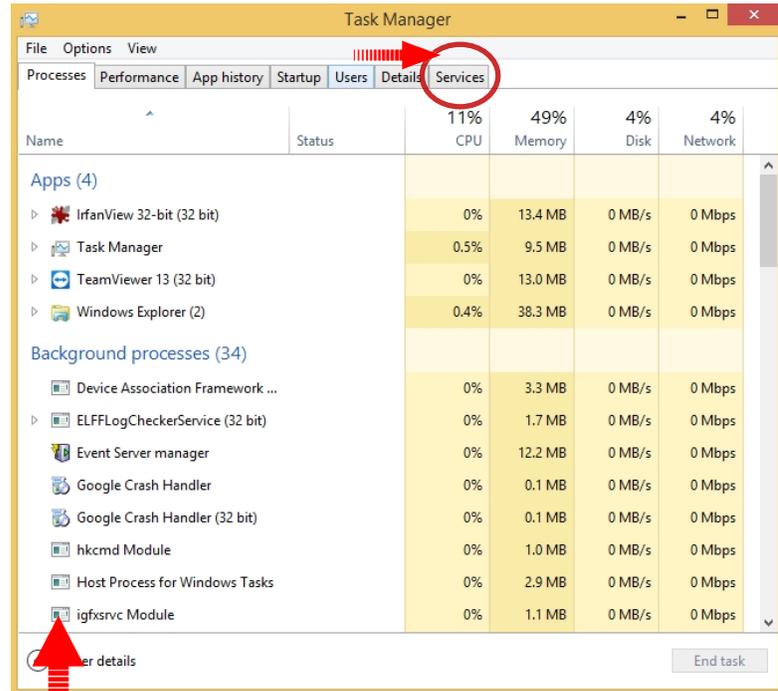
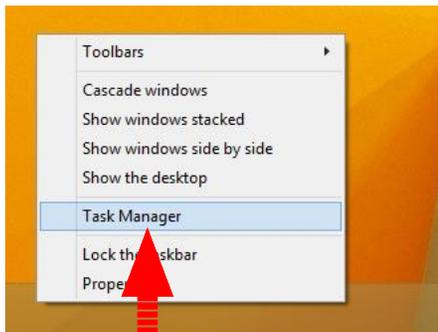


Open “C:\Program Files(x86)\Ayonix\Ayonix Milestone Plugin\Framework\lic” folder and run AyonixLicenseManager software again. Click “Read Activation File” and select AyonixFaceID_5.3.act file

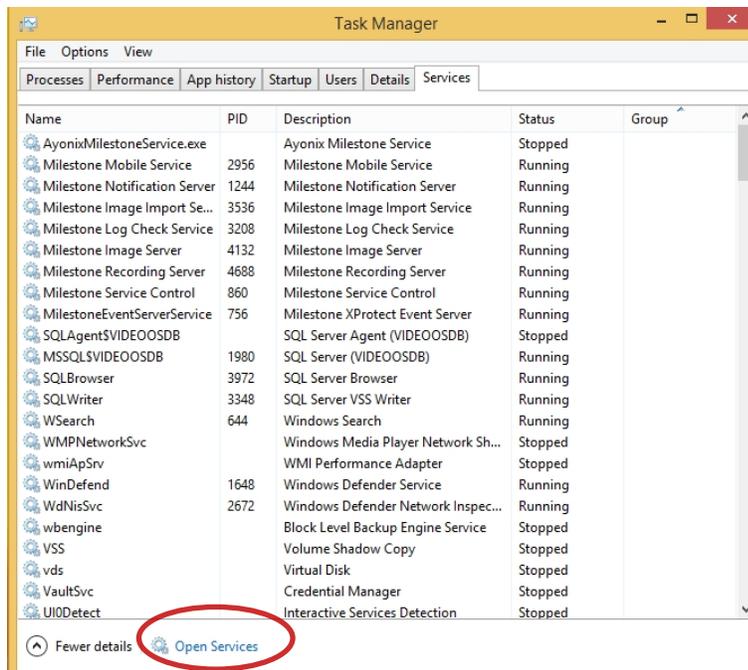


Move AyonixFaceID_5.3.alc file to “C:\Program Files(x86)\Ayonix\Ayonix Milestone Plugin\Framework\lic” folder.

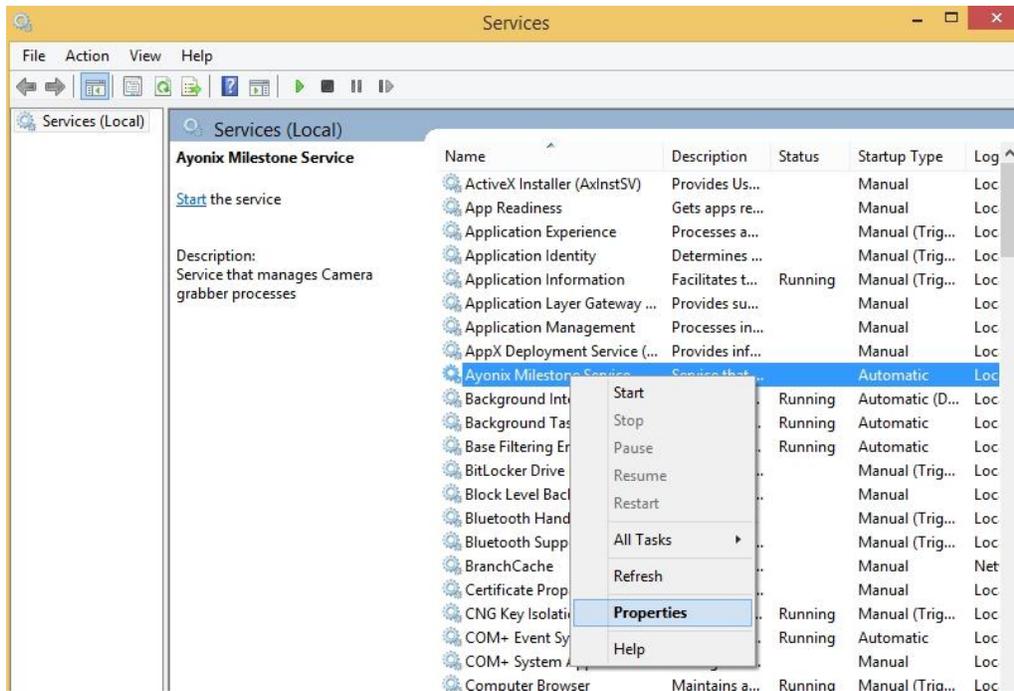
3.8 Configuration of APS-Milestone Plugin



In windows taskbar, right click->Task Manager. Click “Services” tab.



Click “Open Services”



Find Ayonix Milestone Service and do right click->Properties.

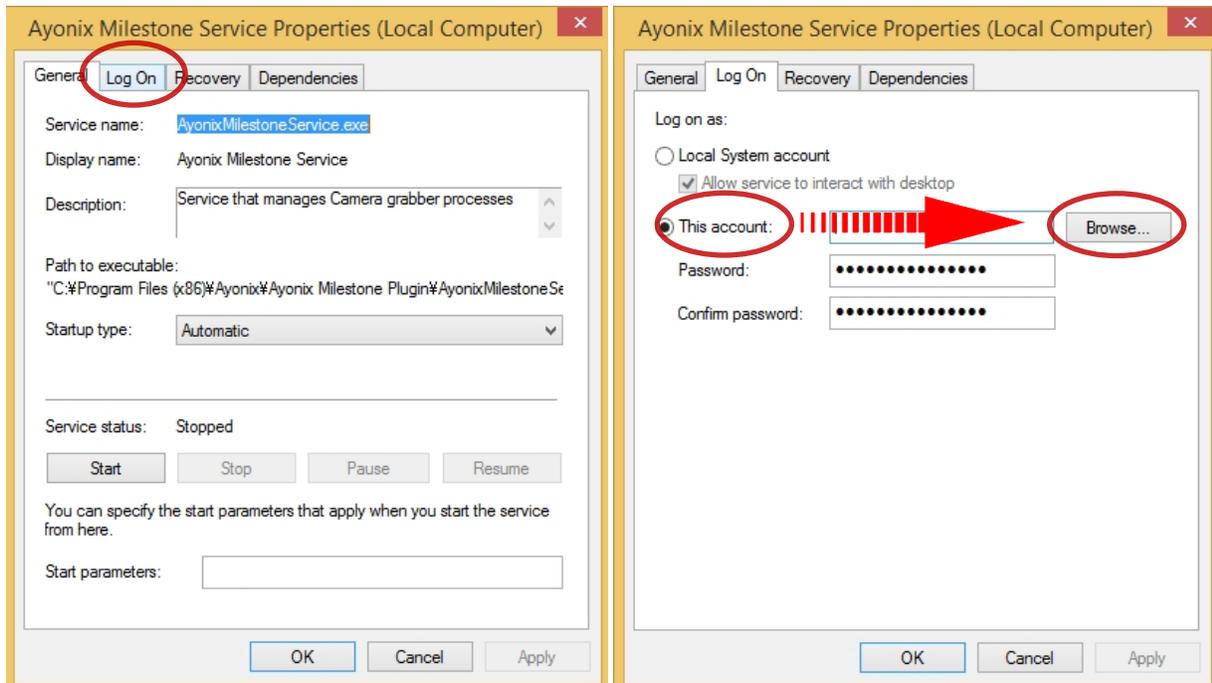
If you cannot find Ayonix Milestone Service inside Windows services, Run “Dos prompt” as admin by typing cmd in windows search and right click “Run as Administrator” and go to folder “C:\Program Files(x86)\Ayonix\Ayonix Milestone Plugin\Ayonix Milestone Service” ,

Either type “installservice.bat” , push enter or run

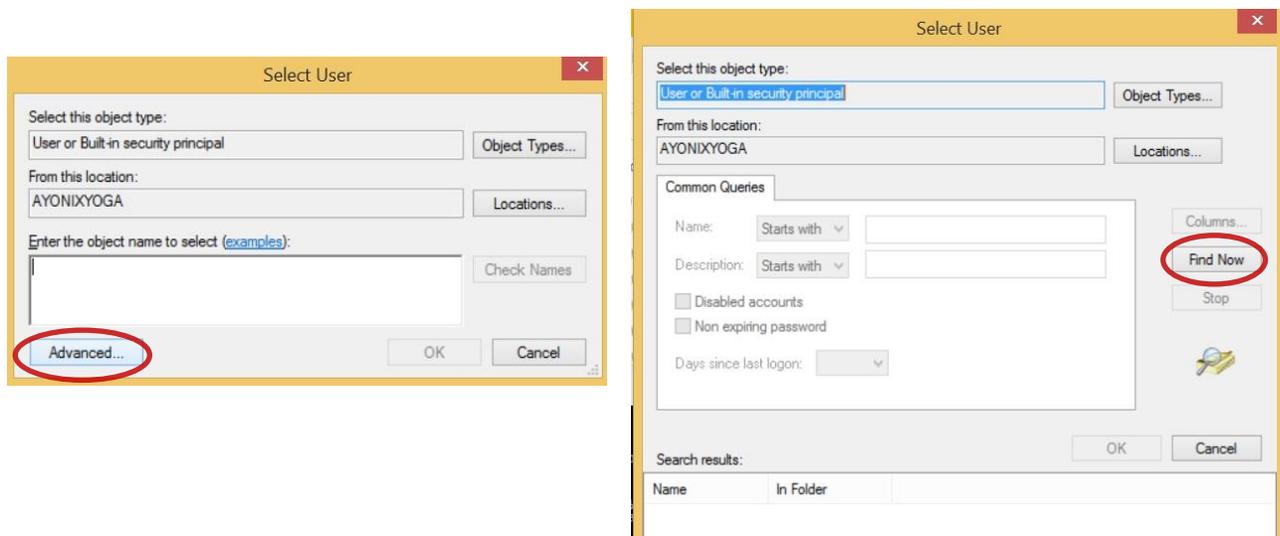
c:\Windows\Microsoft.NET\Framework64\v4.0.30319\InstallUtil.exe -i AyonixMilestoneService.exe



Confirm process is completed successfully. Close window.



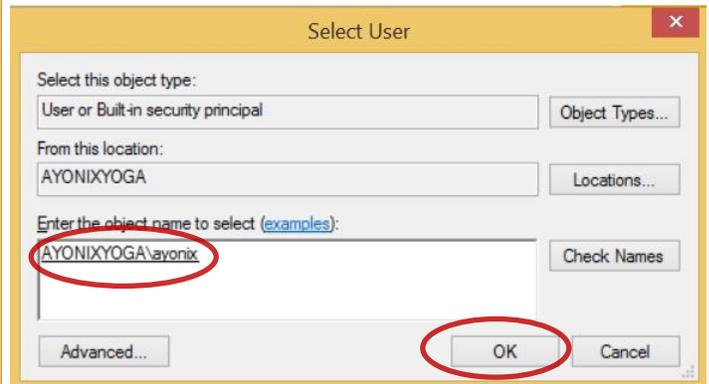
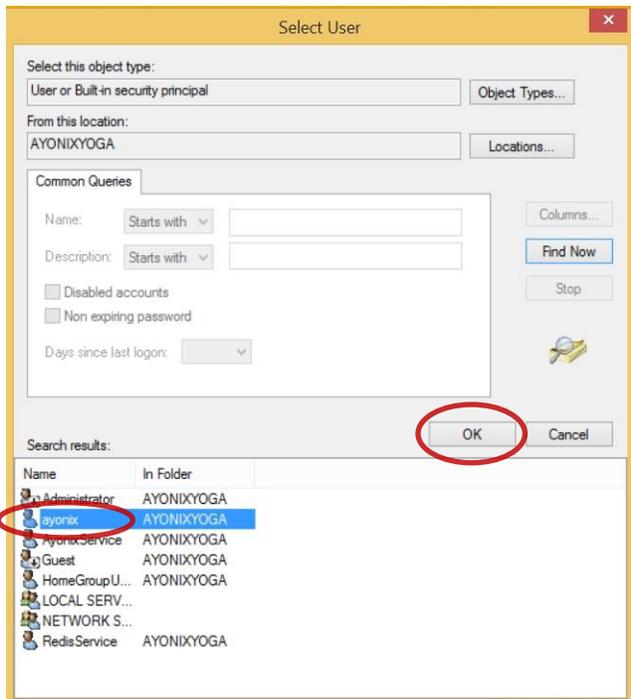
In property window, click “LogOn” tab and click “This account”. Click Browse button.



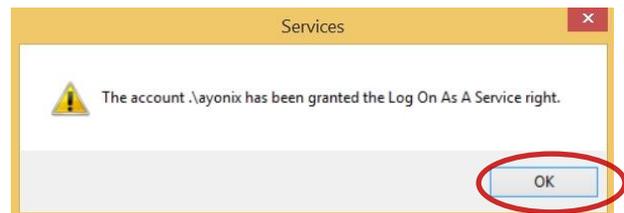
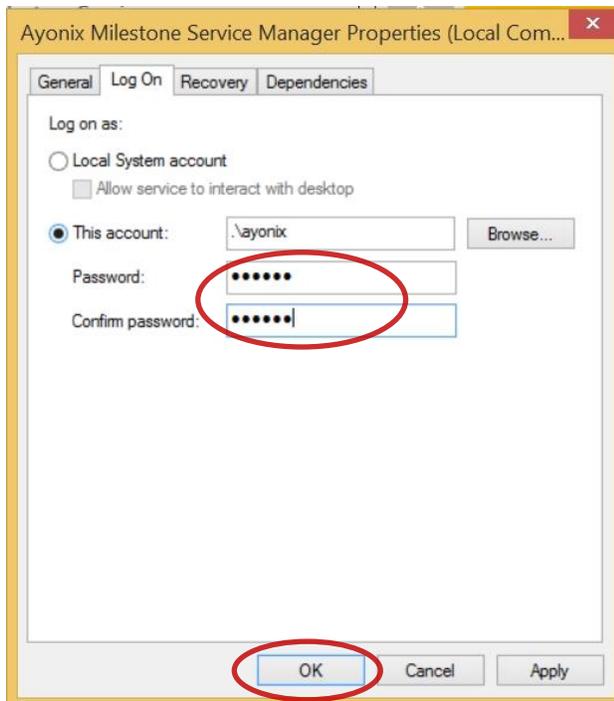
Click “Advanced...” button



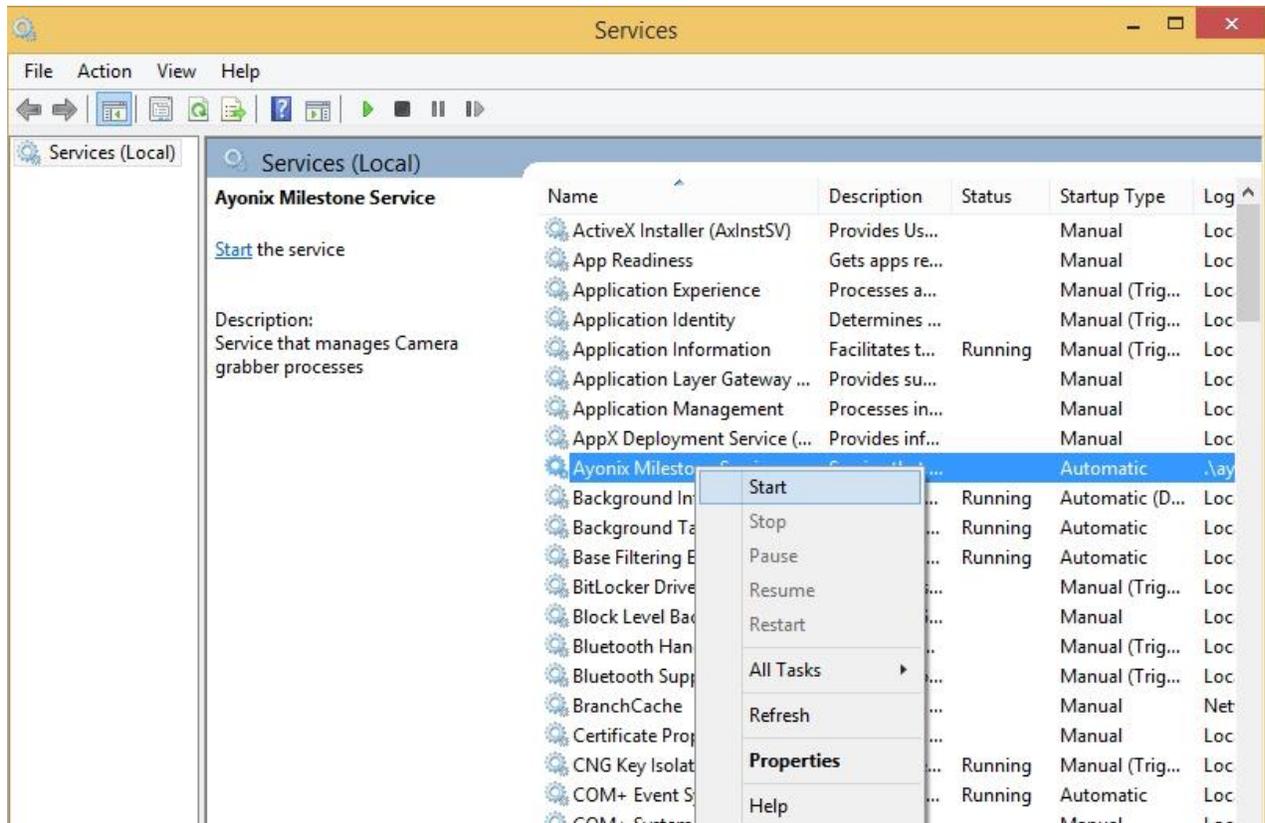
Click “Find Now”



When all users are shown, click the user which has Admin rights (Generally the user which did windows login) and then click OK. In our case, active login user is ayonix. Ayonix user has admin rights.



Type password of the selected user. If everything is done, click "OK"

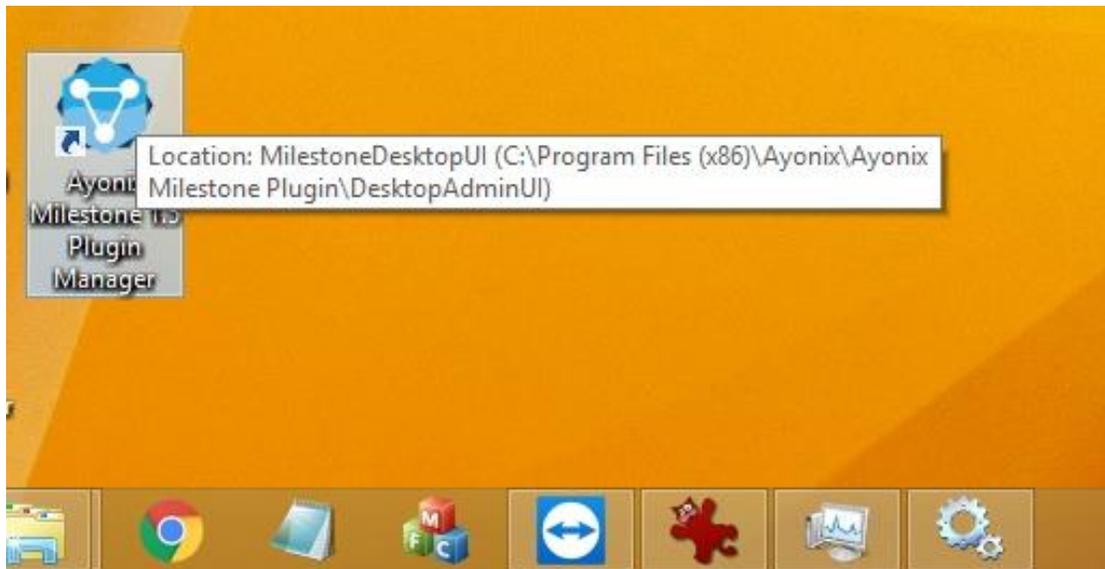


Then Start the service “Ayonix Milestone Service”

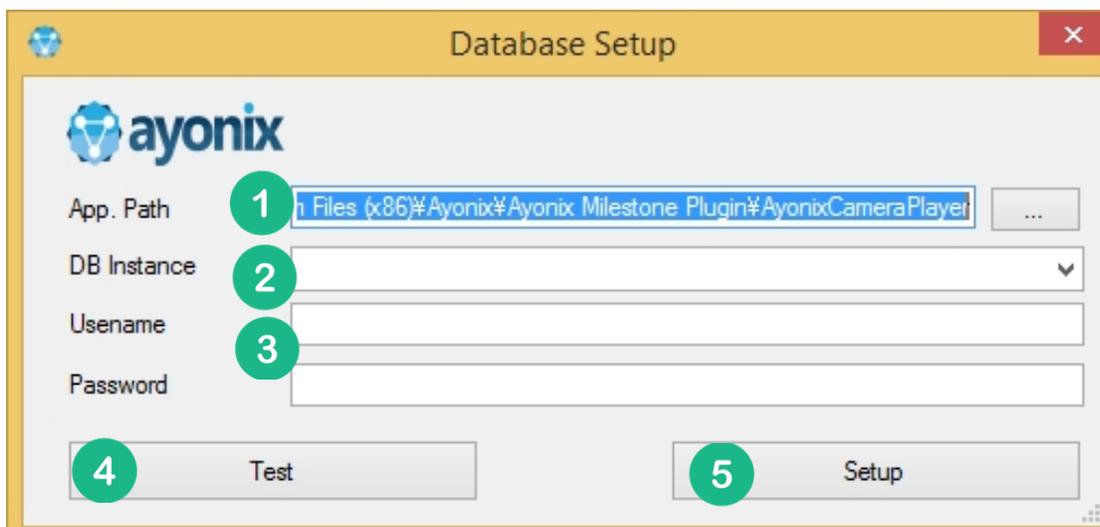
APS-Milestone plugin will start running and system will be ready for face recognition operations after service is started.

3.9 Configure APS-Milestone plugin

To start configuring APS-Milestone plugin, you need to follow up below instructions.



Click Ayonix Milestone Plugin Manager shortcut in your desktop. In your first start, following setting window comes up



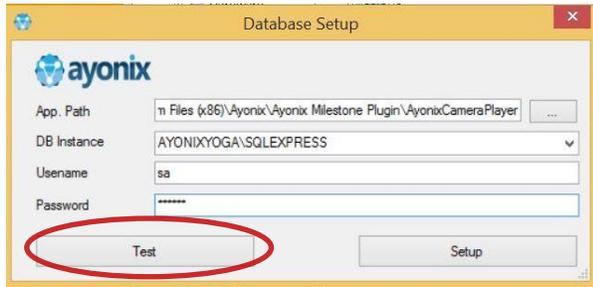
1 - App Path: field is automatically filled with Application path.

2 - Db Instance: type sql server IP address and installation name. For instance, if sql is on 192.168.0.10 and chosen installation name is SQLEXPRESS, type "192.168.0.10\SQLEXPRESS". It is also automatically detected.

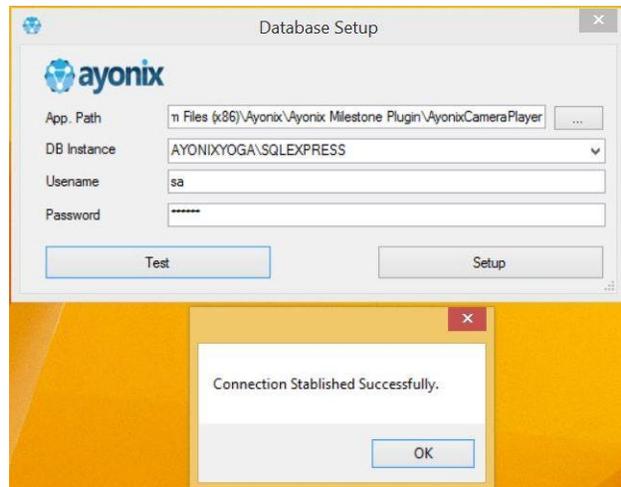
3- Type System Administrator username and password. System administrator is usually [sa].

4- Click on Test. A confirmation message must be displayed.

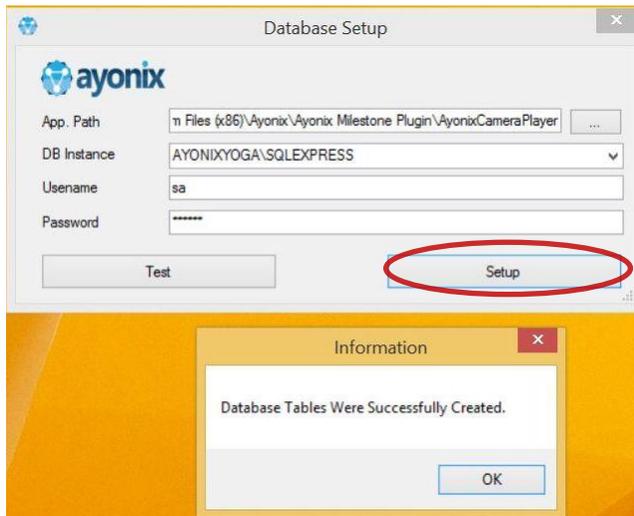
5- Click on Setup. A sequence of confirmation messages will be displayed, finished by a "Setup Successfully" message



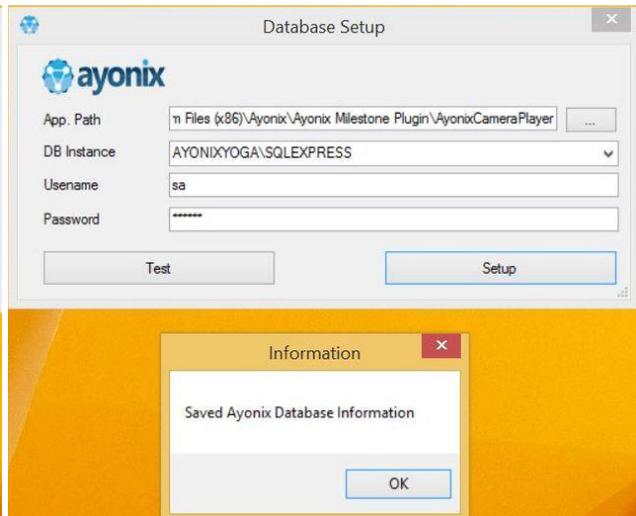
Put credentials of SQL and click Test



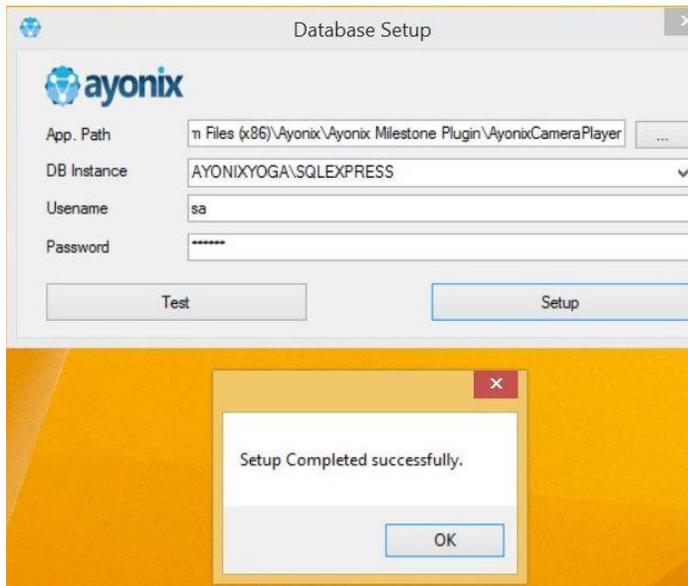
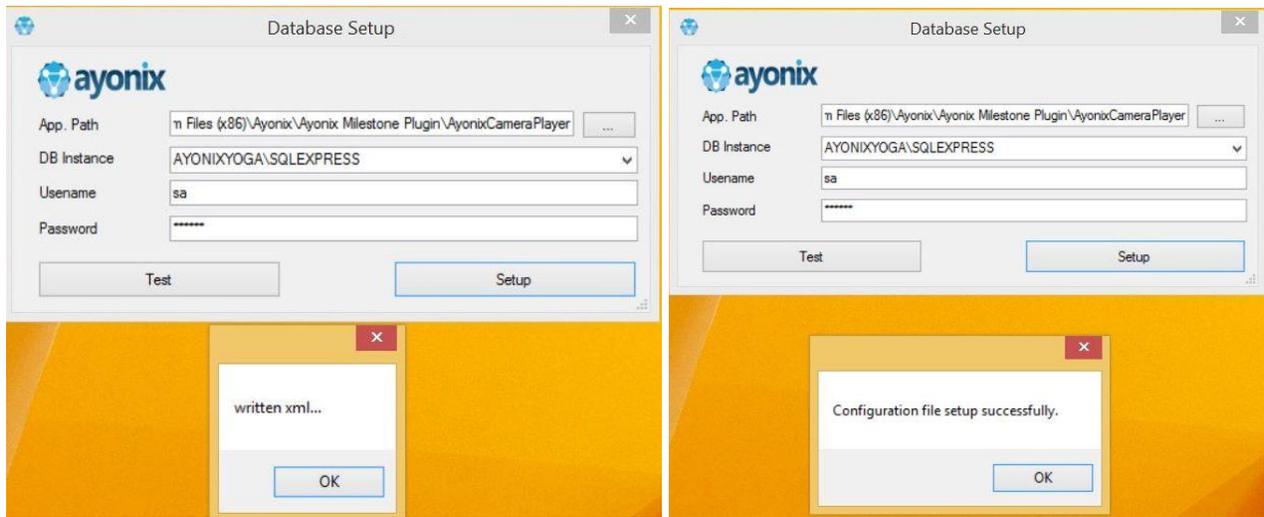
This window comes to confirm the credentials.



Clicking setup generates database tables.



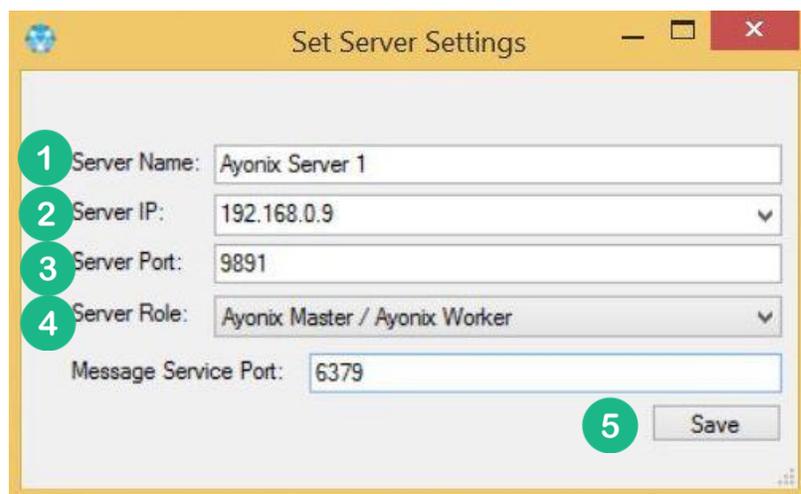
It shows DB information is saved into Database.



A few confirmation messages appear and Database setup completes. After Database setup, server role management screen comes up.

During database setup, it generates several tables in SQL. You can confirm tables later by using SQL management studio.

After Database setup is complete, following screen opens:



1- Server Name: System will suggest an alias for new server. You can keep suggested name or change it freely, as long as it is a unique name.

2- Server IP: Select Server IP among the available system IP addresses.

3- Service Communication Port: System will suggest automatically a port available for communication. It is recommended to keep suggested port.

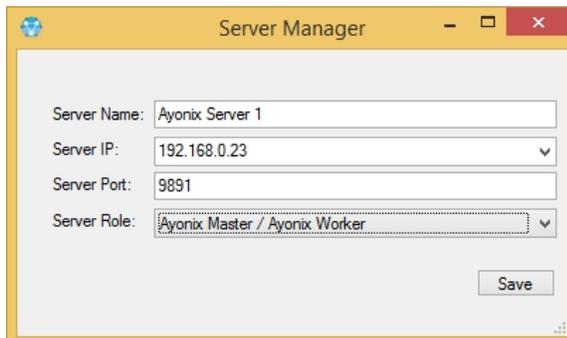
4- Server Role: Choose among one of the available roles for current server:

Ayonix Master: It is the matcher server. It receives data from workers, execute matchings and dispatch events.

Ayonix Worker: Captures images from one or more cameras and send face detection events to Master

Ayonix Master / Ayonix Worker: both roles will be executed into this server.

5- Click on Save button. A success message will Appear.



Server Manager

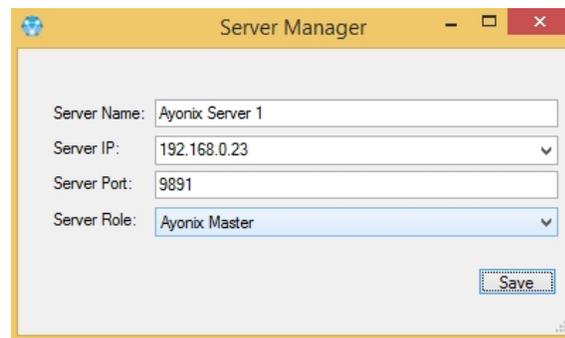
Server Name: Ayonix Server 1

Server IP: 192.168.0.23

Server Port: 9891

Server Role: Ayonix Master / Ayonix Worker

Save



Server Manager

Server Name: Ayonix Server 1

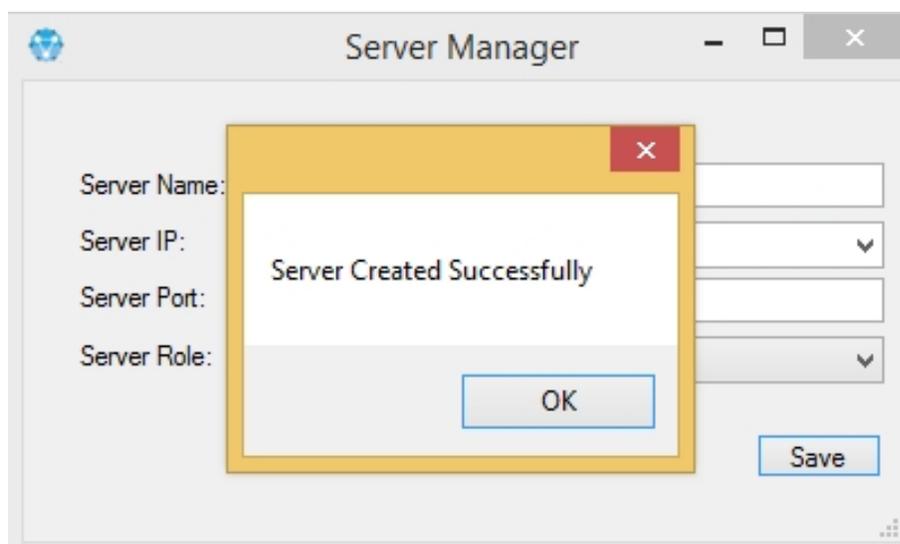
Server IP: 192.168.0.23

Server Port: 9891

Server Role: Ayonix Master

Save

If you wish to run everything in a single PC such as for a demo, assign Server role as Master and Worker.



Server Manager

Server Name: [input field]

Server IP: [dropdown menu]

Server Port: [input field]

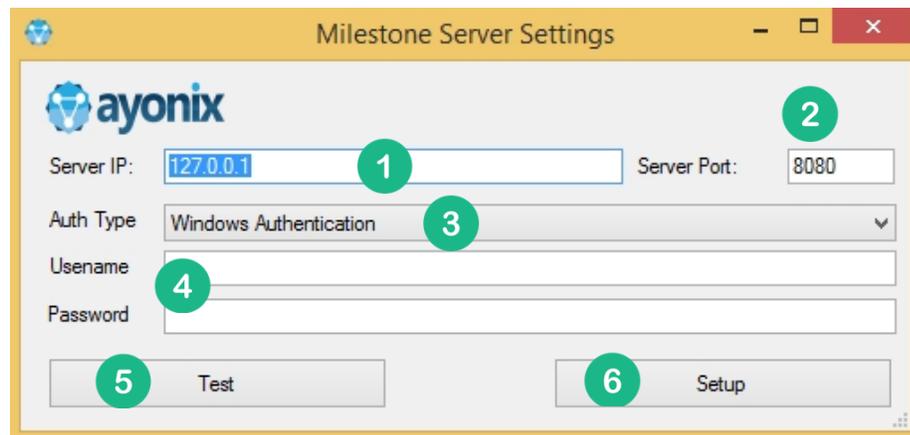
Server Role: [dropdown menu]

Save

Server Created Successfully

OK

If setting values are correct, Plugin server is set and confirmation window appear. Then following window for Milestone server setting appears.



1 - Insert Milestone server IP. Keep it with 127.0.0.1 if milestone is installed in the local computer, otherwise type Milestone Server IP Address.

2 - Type Server port corresponding to Milestone Image Server service. On Milestone Corporate versions it is usually port 80. On Milestone Express versions it is usually port 8080

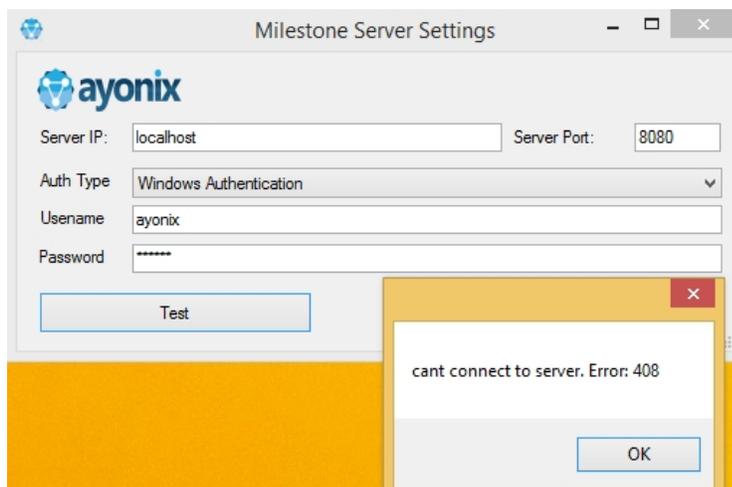
3 - Select Authentication type. For default installations it is recommended to authenticate using a windows account linked to Milestone System. select "Windows Authentication".

4 - Type Milestone User username and password.

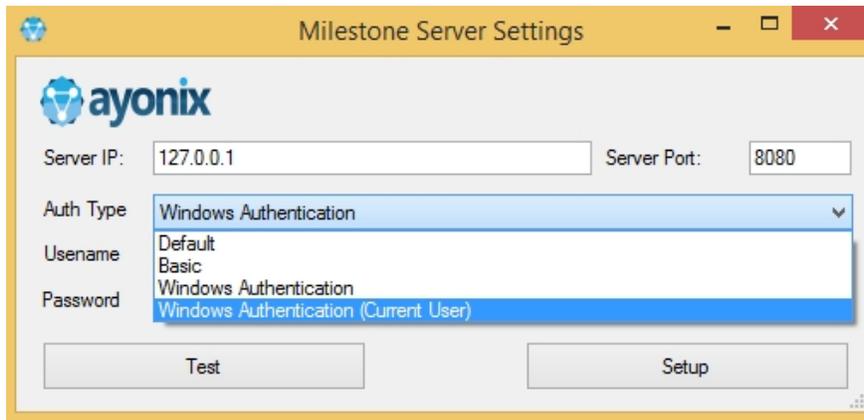
5- Click on Test. A message with basic information about Server must appear. Otherwise, an error message will be displayed.

6 - Click on Setup. A sequence of confirmation messages will be displayed, finished by a "Setup Successfully" message

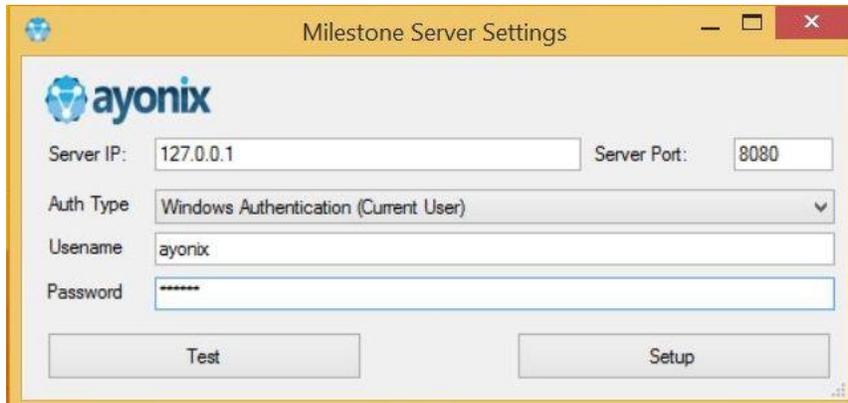
If values are not correct, it gives a connection error.



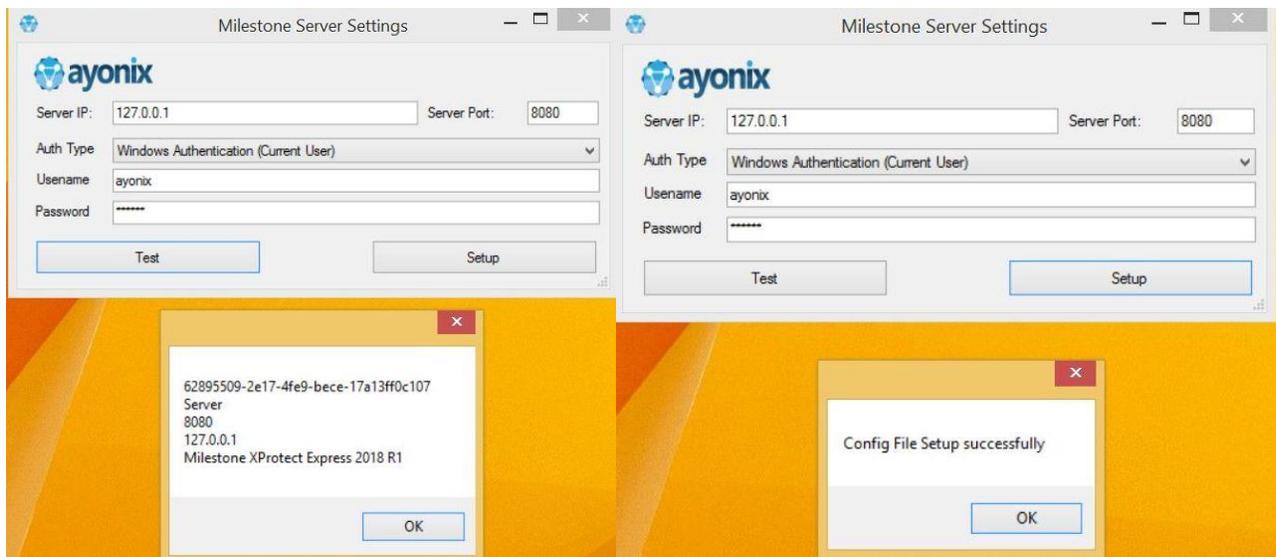
If you get connection error, please check port number, username, password.



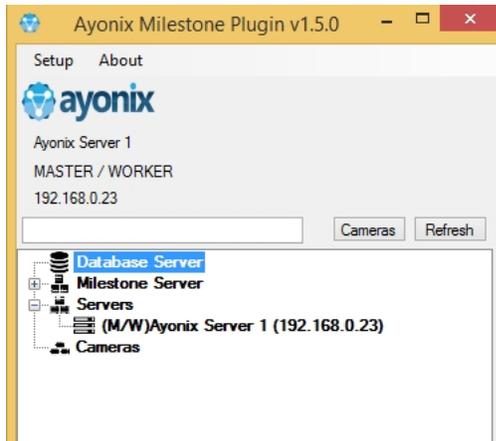
You can use Windows authentication for current windows user.



Put username and password and click “Test” and then click “Setup”



After successfully setup, above messages appear and configuration is completed.

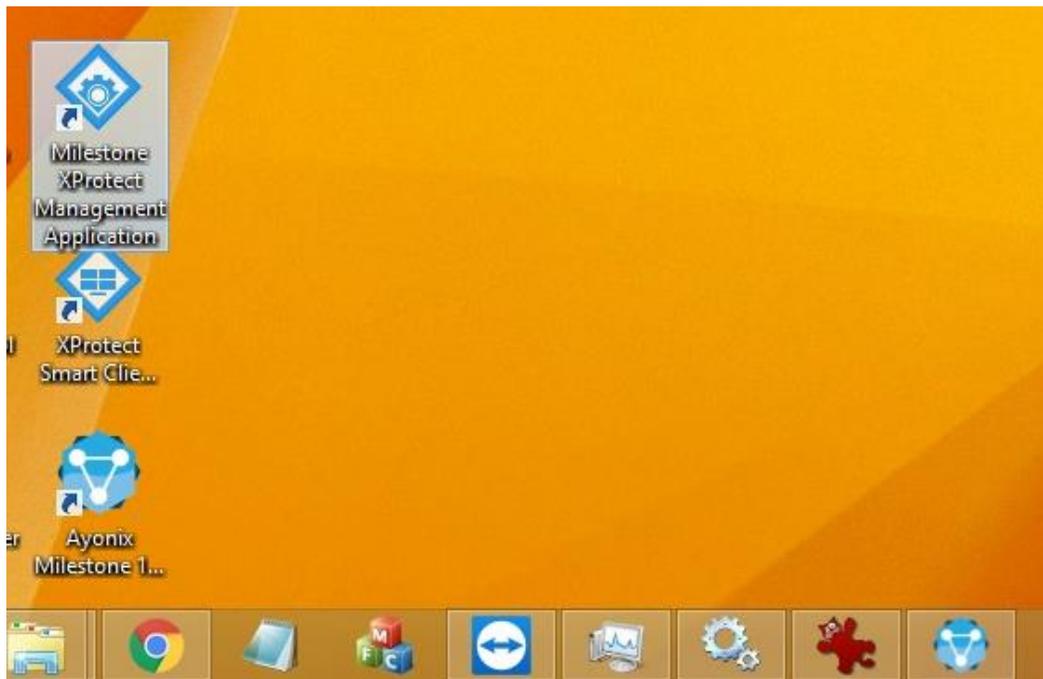


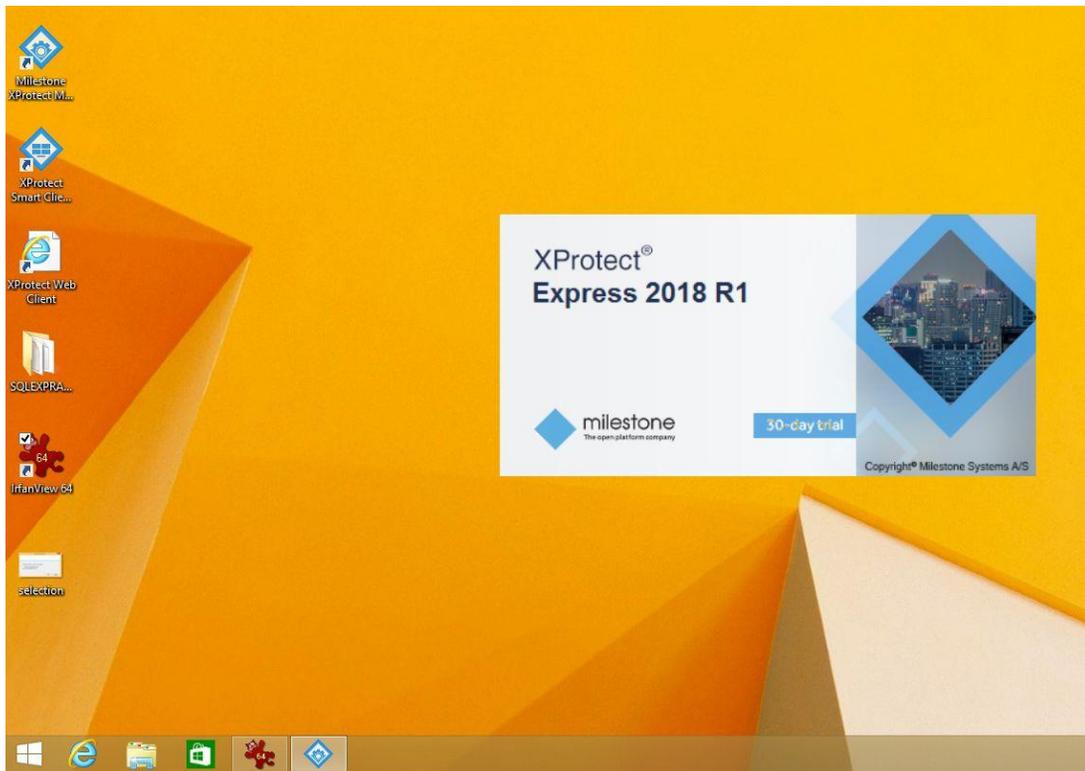
You can enter and do configuration at anytime from Ayonix Milestone Plugin manager.

3.10 Configure Milestone Server

3.10.1 Add Alert configuration

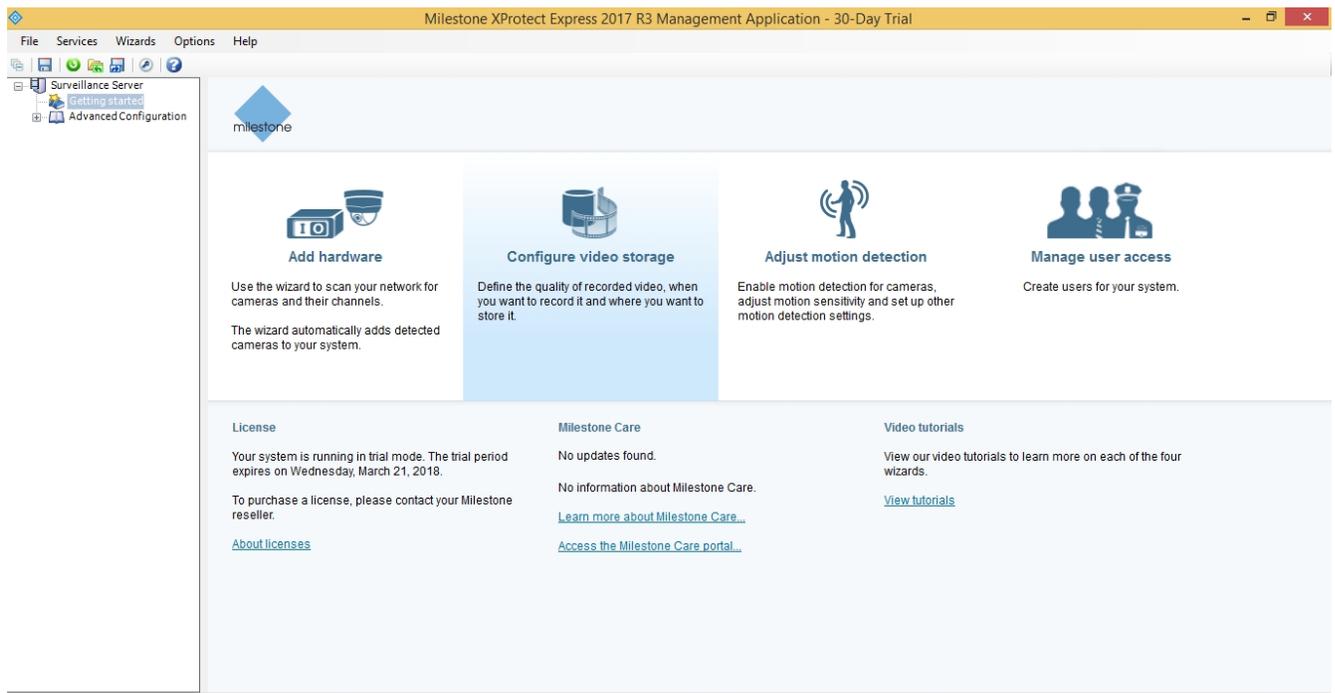
To configure the milestone server, "*Xprotect Management Application*" must be run. A shortcut is available in the desktop.



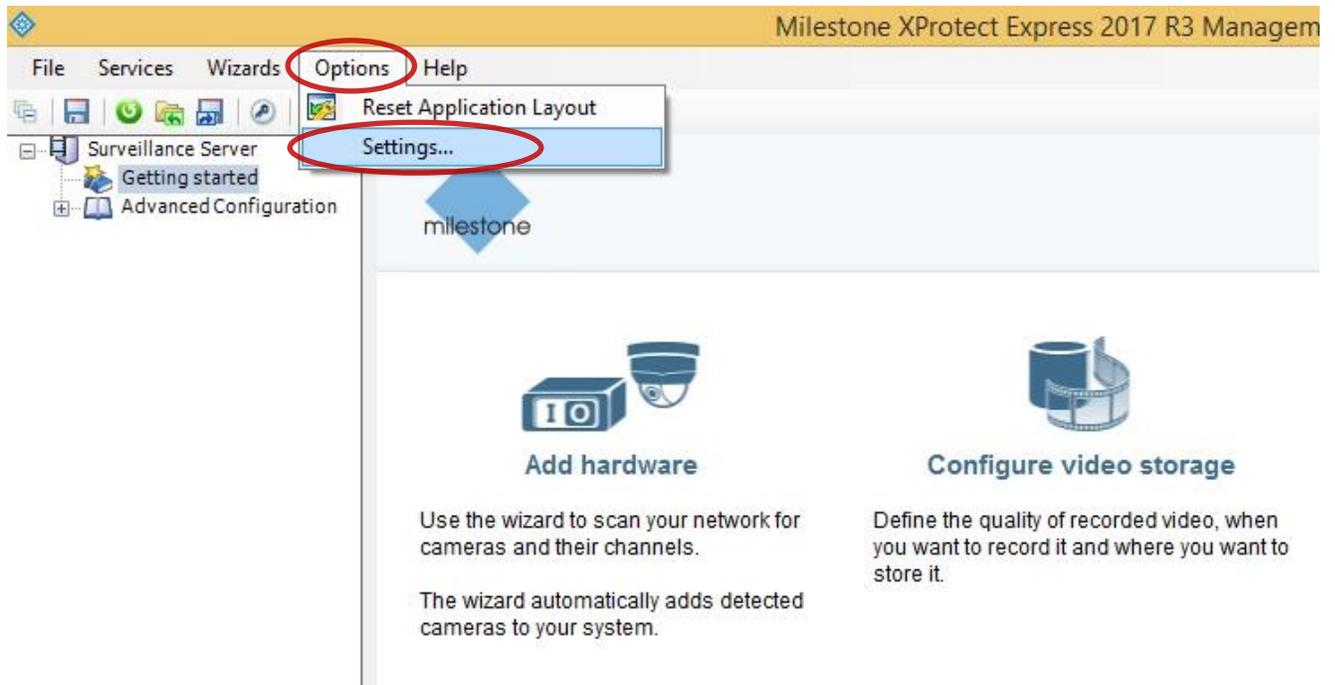


When double clicking “Xprotect management application”, Xprotect Express window opens.

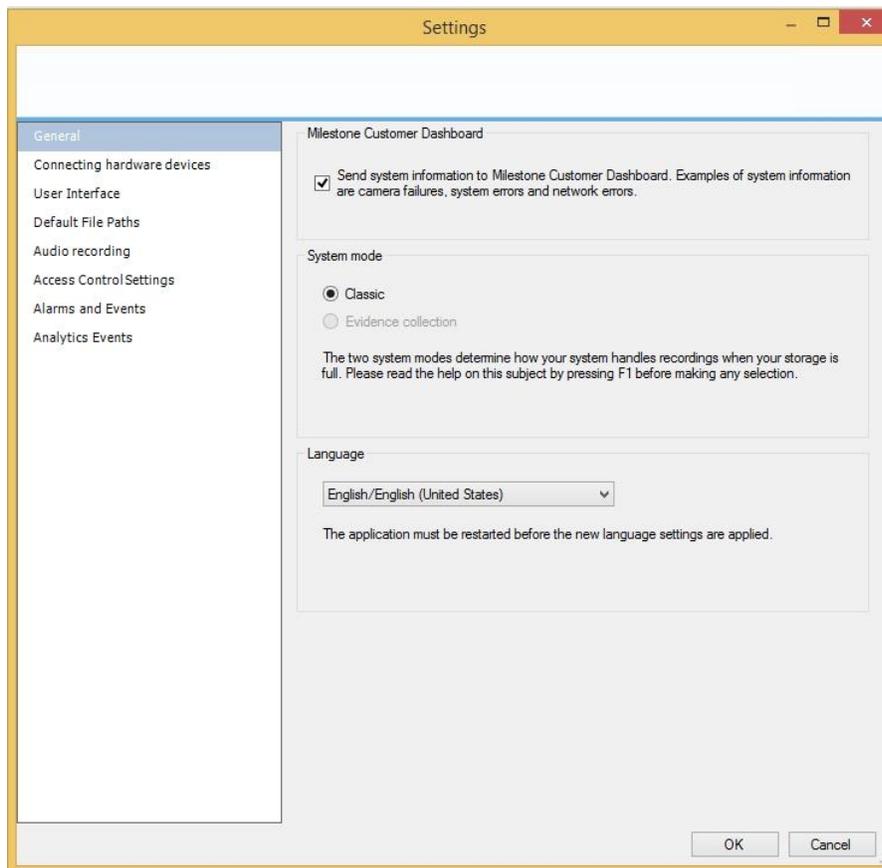
Main window of Milestone Xprotect management application.



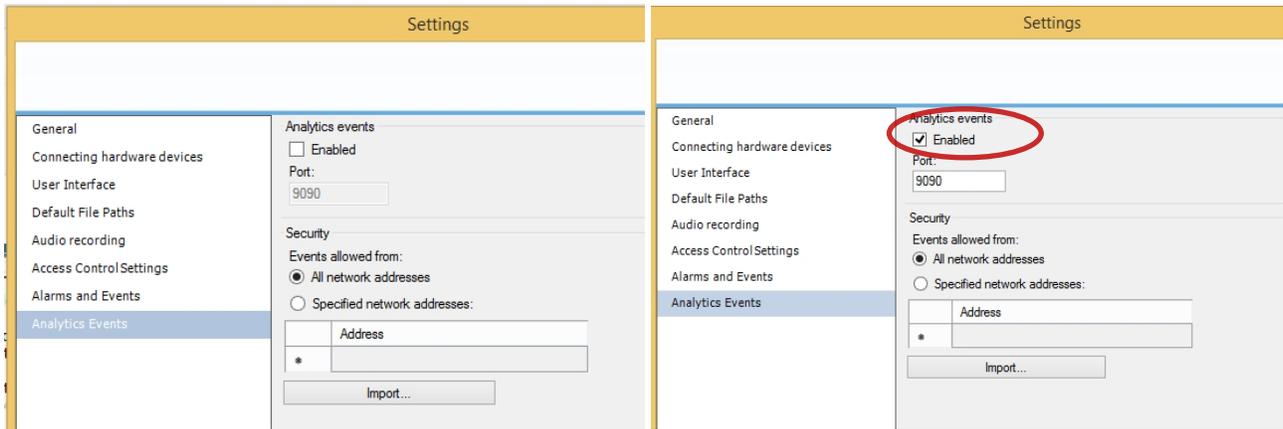
When main window opens, click “Options->Settings...” in menu bar.



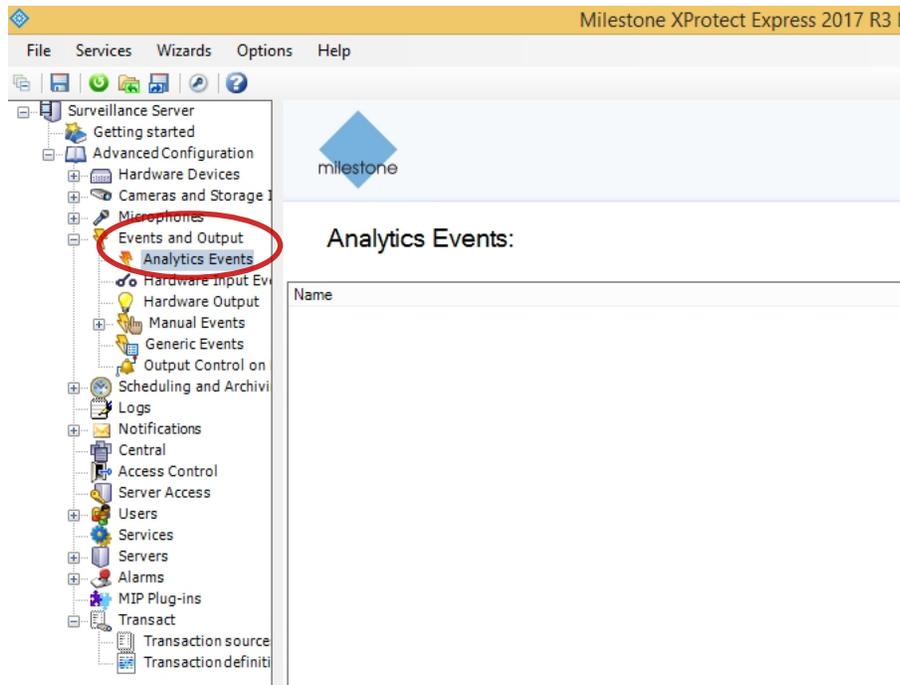
Setting window opens as below.



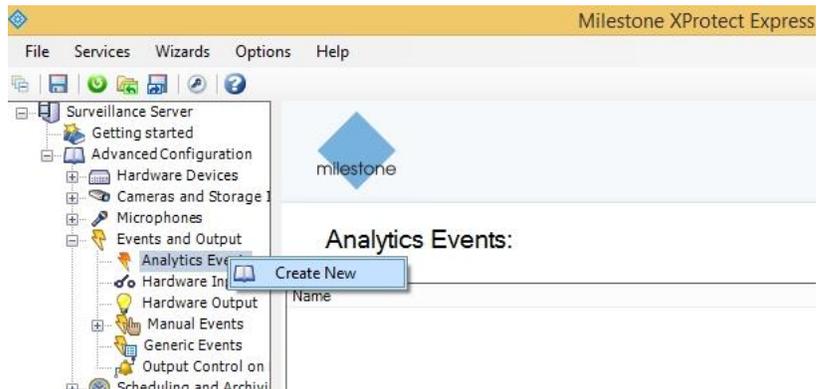
In settings window, we will do several event adjustments. Click “Analytics Events”

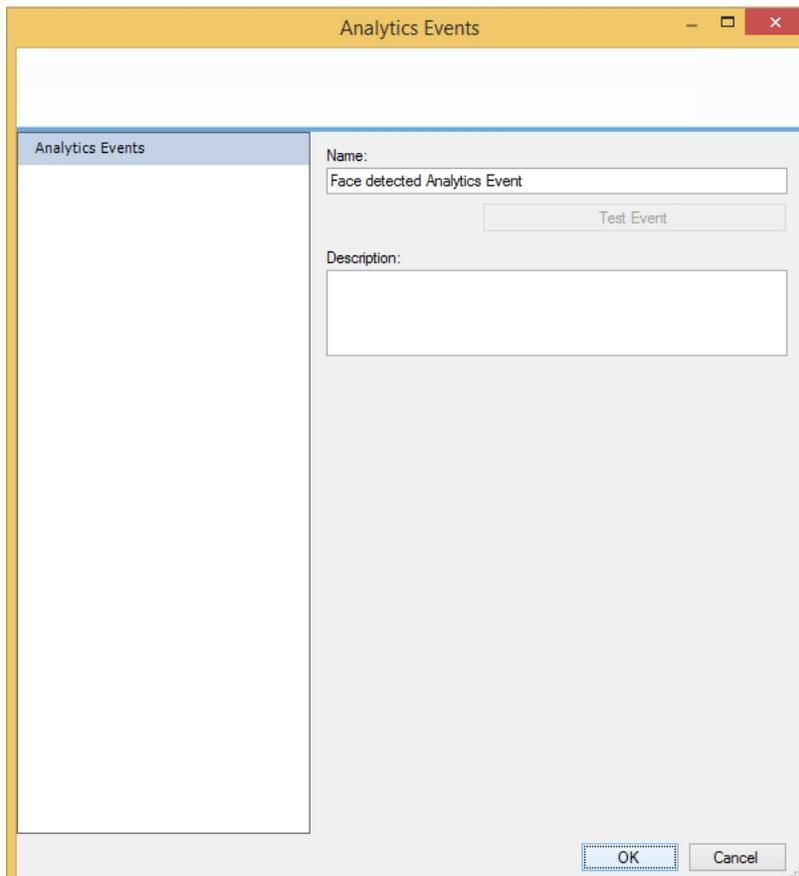


Click “Enabled” to enable the Analytics events and click OK to close settings window.

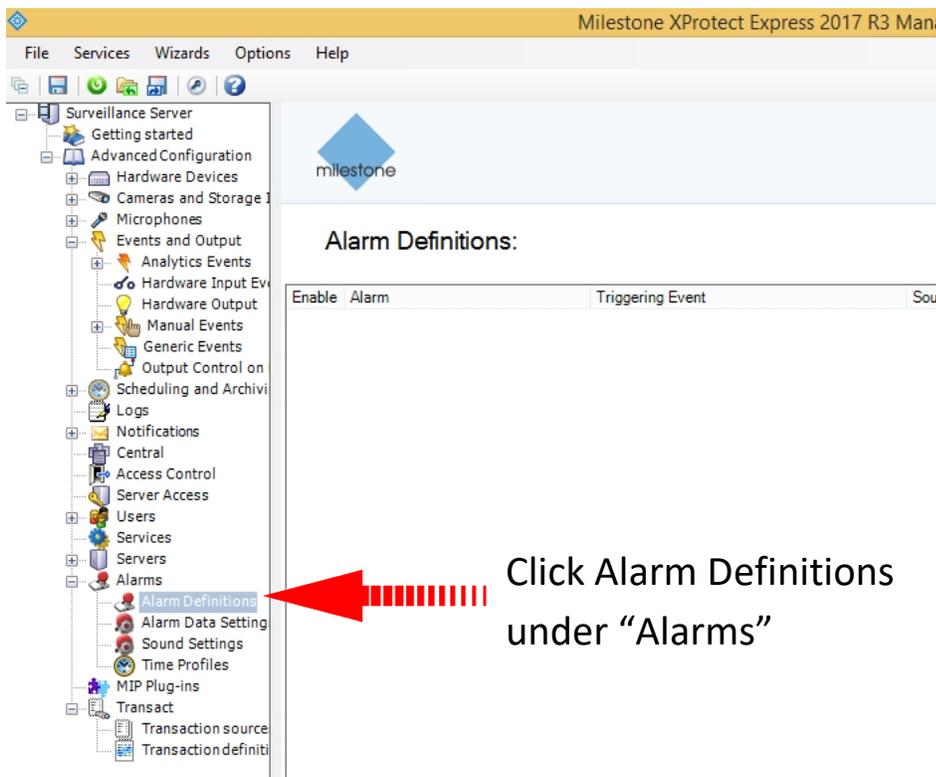


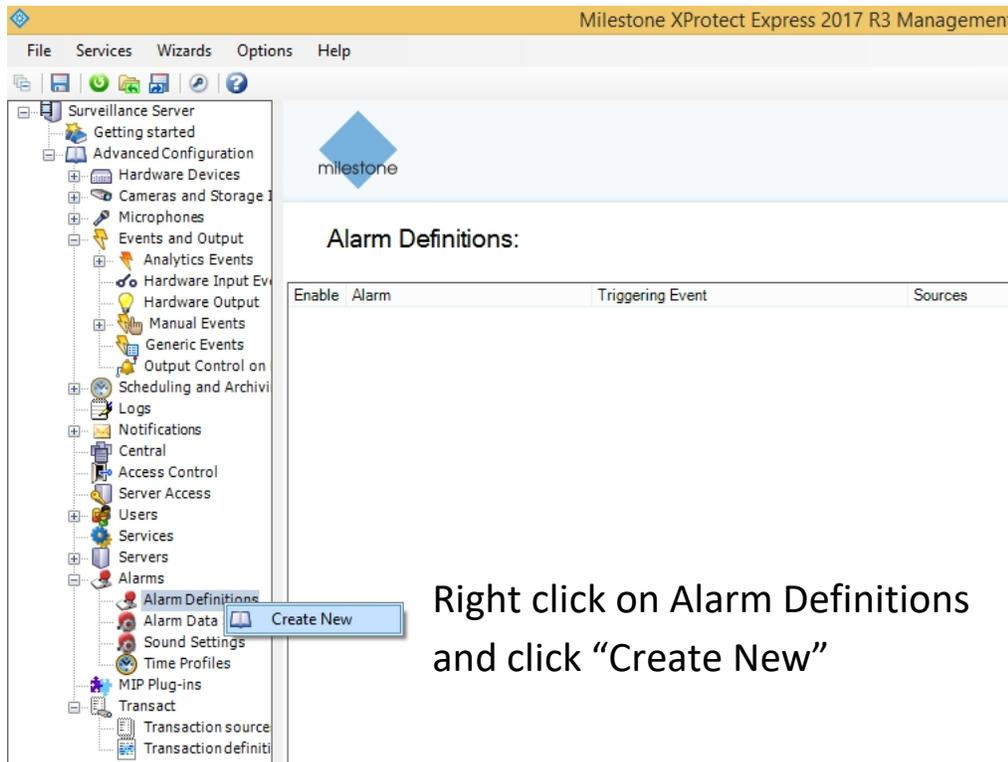
Click *Analytics Events* under “Events and Output” and right click->Create New.



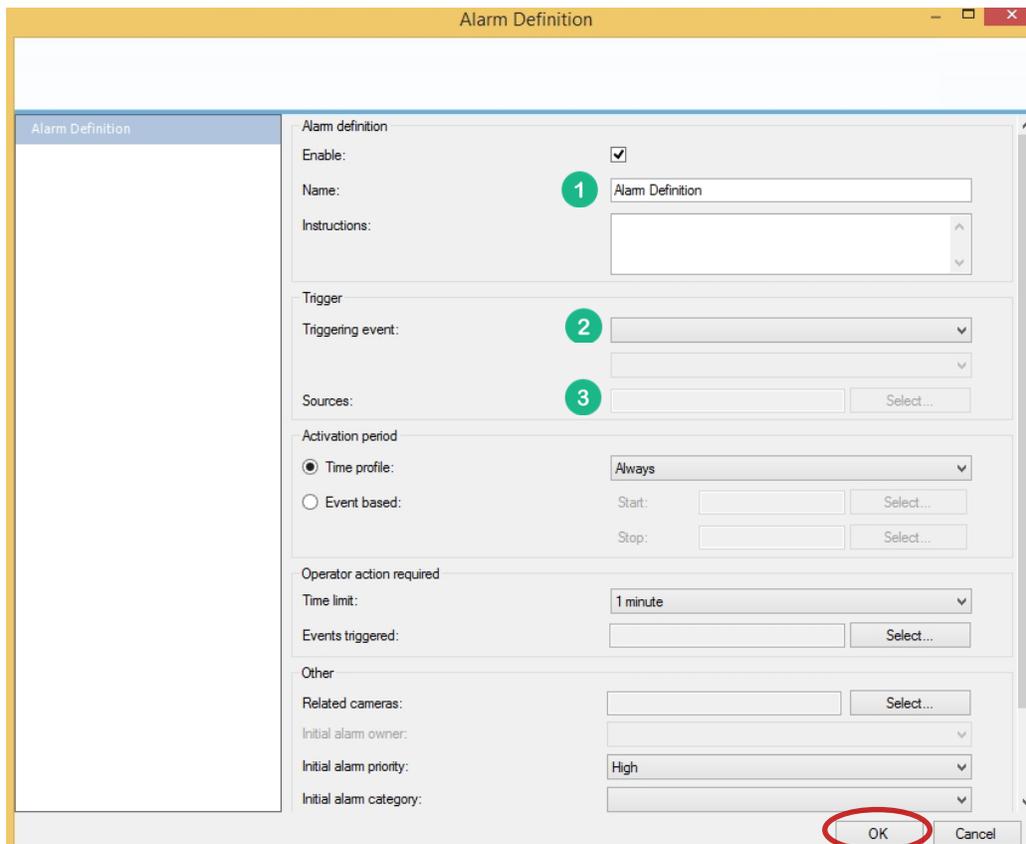


In Analytics Events window, Name the event. Here we name as Face detected Analytics event.

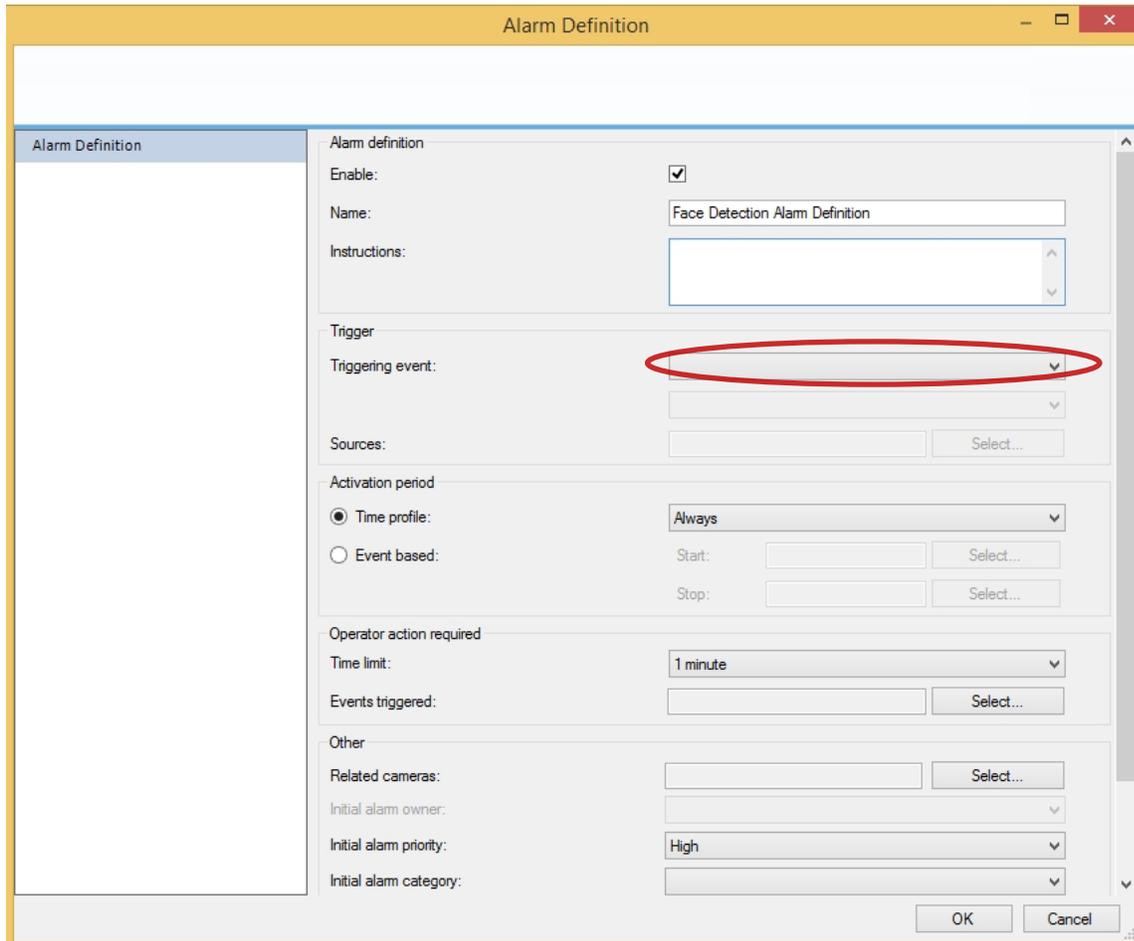




Below window opens. Enable the Alarm Definition. If "Create new" does not come, please close the Xclient, restart computer.



- 1 - On "Name" field, write "Face Detection Alarm"
- 2 - On "Triggering Event" selection box, select "Analytics Events"
- 3 - On "Sources" control, click on "Select" button to choose from a source

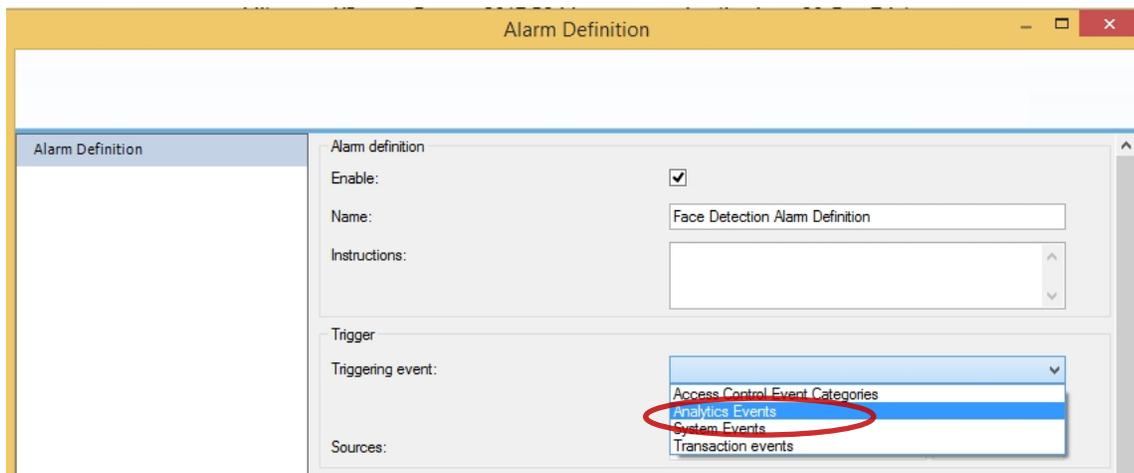


The screenshot shows the "Alarm Definition" dialog box. The "Alarm definition" section is expanded, showing the following fields:

- Enable:**
- Name:** Face Detection Alarm Definition
- Instructions:** (empty text area)
- Trigger**
 - Triggering event:** (dropdown menu, highlighted with a red oval)
 - Sources:** (empty text area)
- Activation period**
 - Time profile:** Always
 - Event based:** Start: (empty text area) Stop: (empty text area)
- Operator action required**
 - Time limit:** 1 minute
 - Events triggered:** (empty text area)
- Other**
 - Related cameras:** (empty text area)
 - Initial alarm owner:** (empty text area)
 - Initial alarm priority:** High
 - Initial alarm category:** (empty text area)

Buttons:

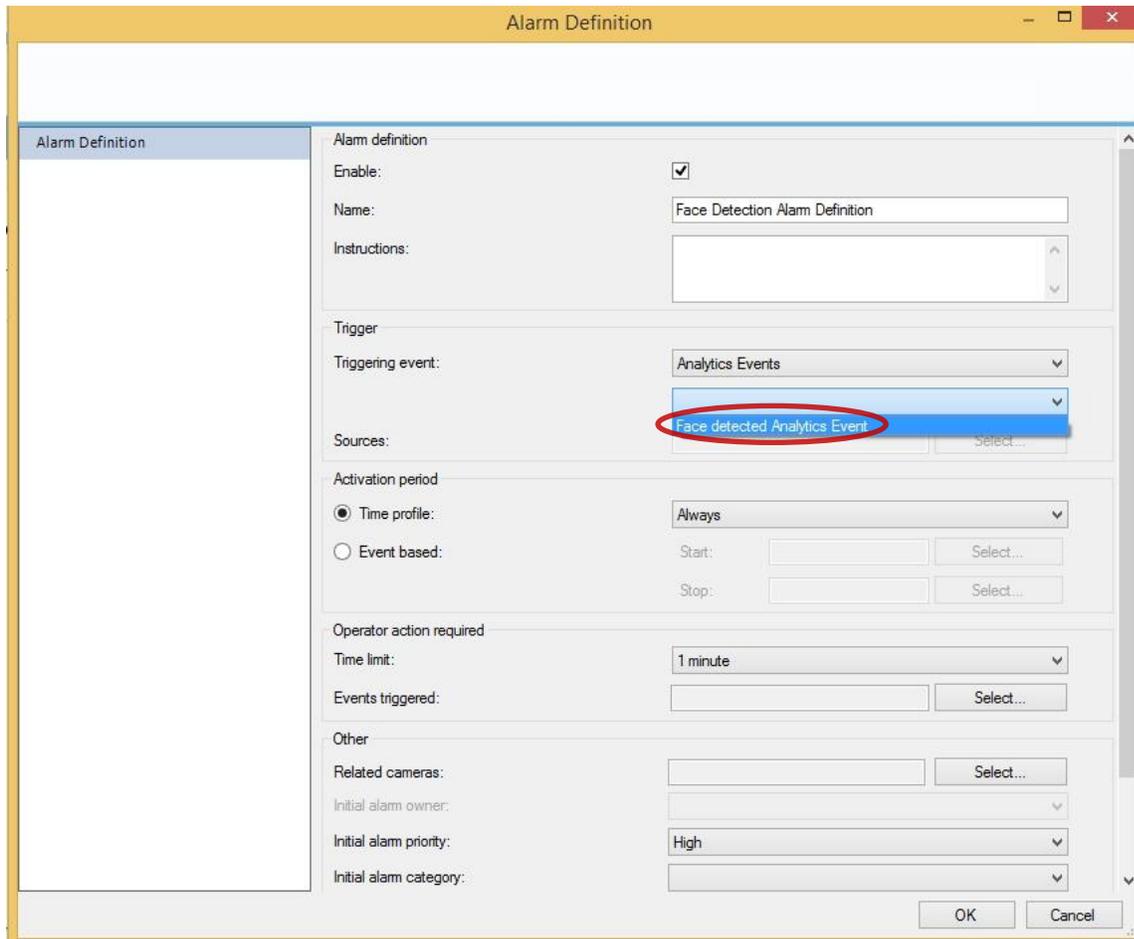
After enabling, name the alarm. We name it as Face detection alarm definition. After that, select Analytics event for "Triggering event"



The screenshot shows the "Alarm Definition" dialog box with the "Triggering event" dropdown menu open. The menu items are:

- Access Control Event Categories
- Analytics Events** (highlighted with a red oval)
- System Events
- Transaction events

Buttons:



Alarm Definition

Alarm definition

Enable:

Name: Face Detection Alarm Definition

Instructions:

Trigger

Triggering event: Analytics Events

Sources: Face detected Analytics Event

Activation period

Time profile: Always

Event based: Start: Select... Stop: Select...

Operator action required

Time limit: 1 minute

Events triggered: Select...

Other

Related cameras: Select...

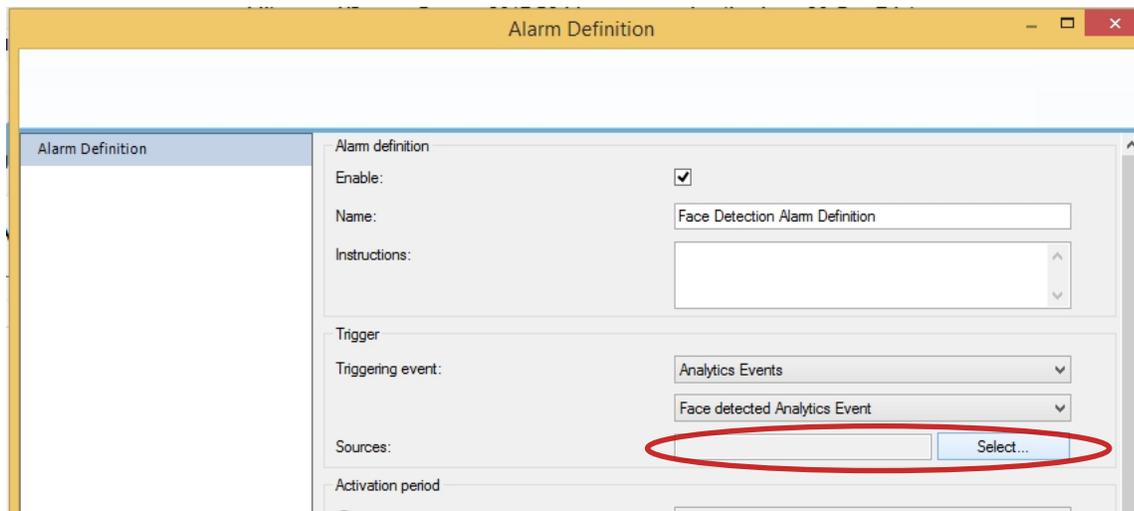
Initial alarm owner: Select...

Initial alarm priority: High

Initial alarm category: Select...

OK Cancel

Select "Face Detected Analytics Event" after selecting Triggering Event.



Alarm Definition

Alarm definition

Enable:

Name: Face Detection Alarm Definition

Instructions:

Trigger

Triggering event: Analytics Events

Sources: Face detected Analytics Event

Activation period

Time profile: Always

Event based: Start: Select... Stop: Select...

Operator action required

Time limit: 1 minute

Events triggered: Select...

Other

Related cameras: Select...

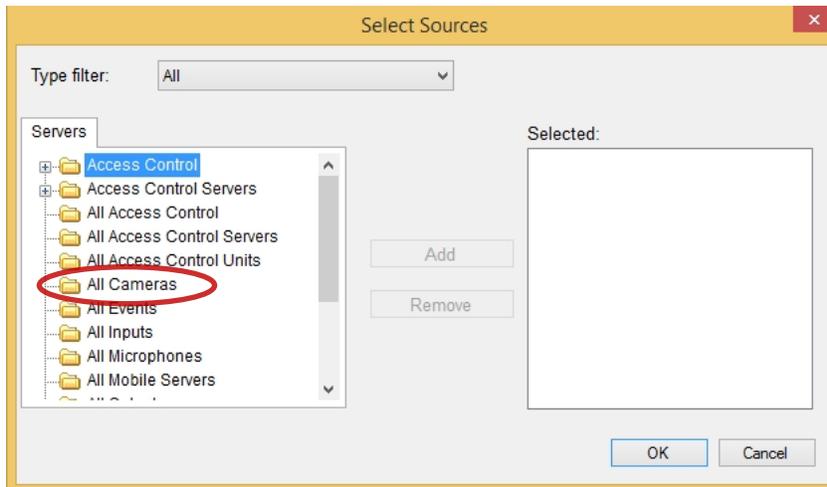
Initial alarm owner: Select...

Initial alarm priority: High

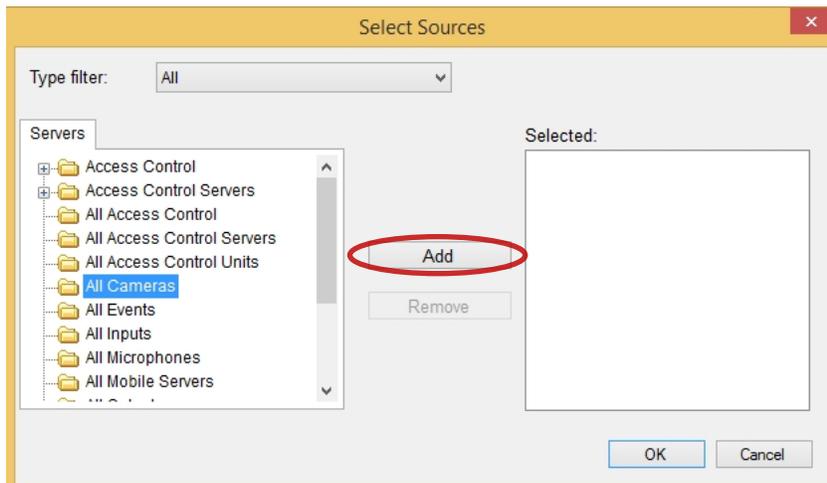
Initial alarm category: Select...

OK Cancel

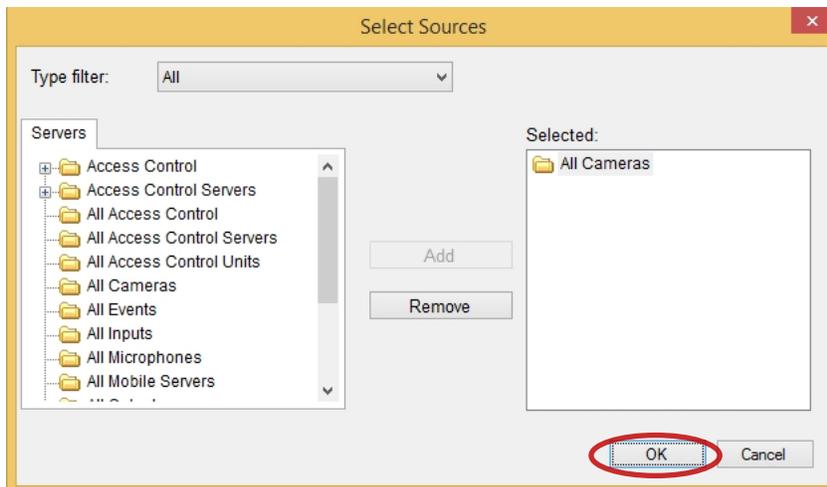
Click Select in "Source"



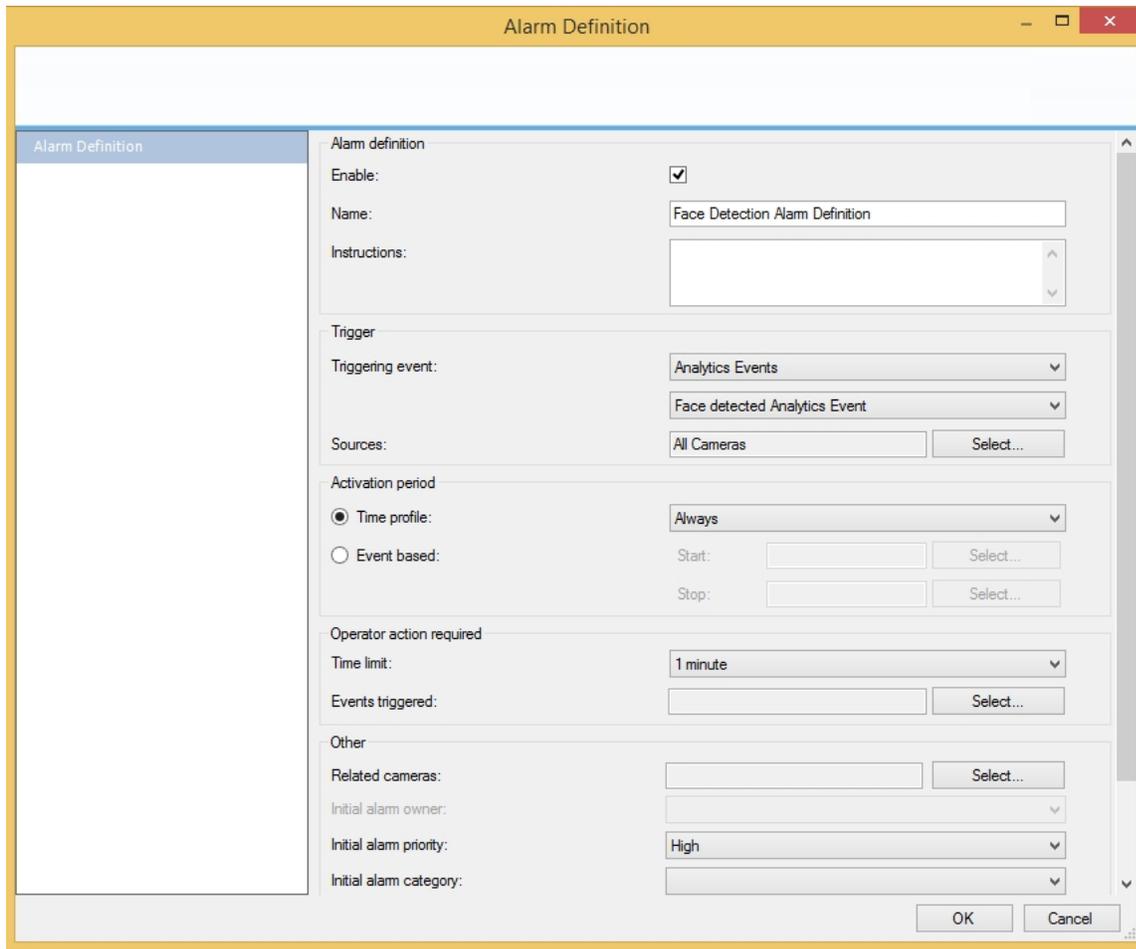
Select “All cameras” from Sources.



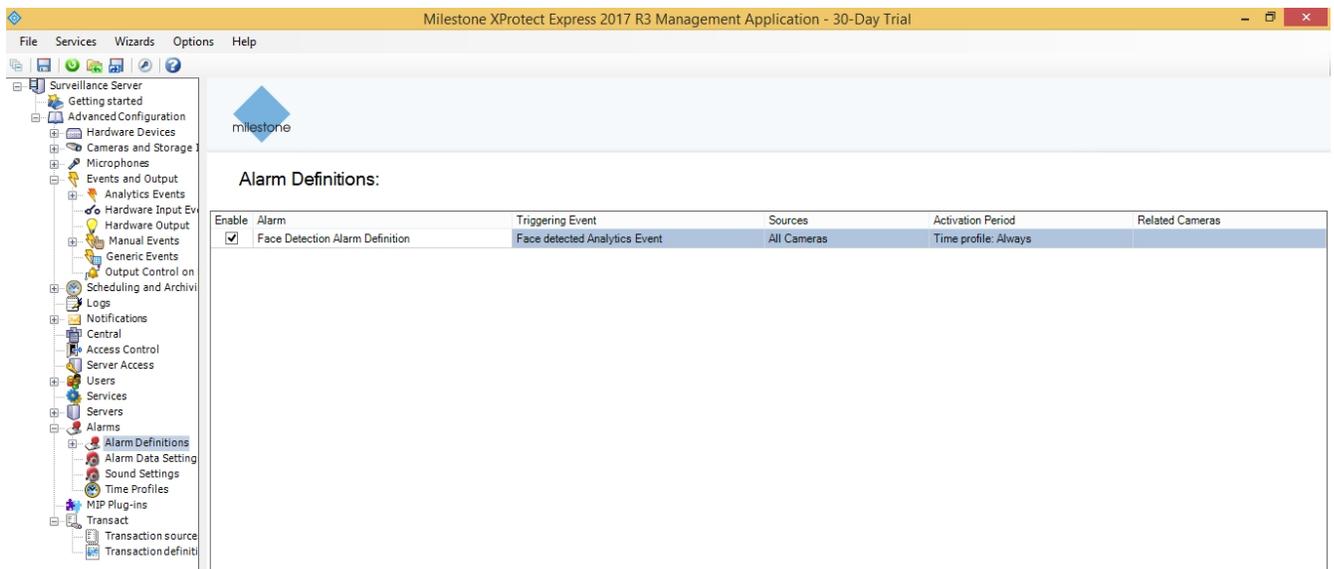
Add “All Cameras” to the right panel.



Click OK after adding “All cameras”



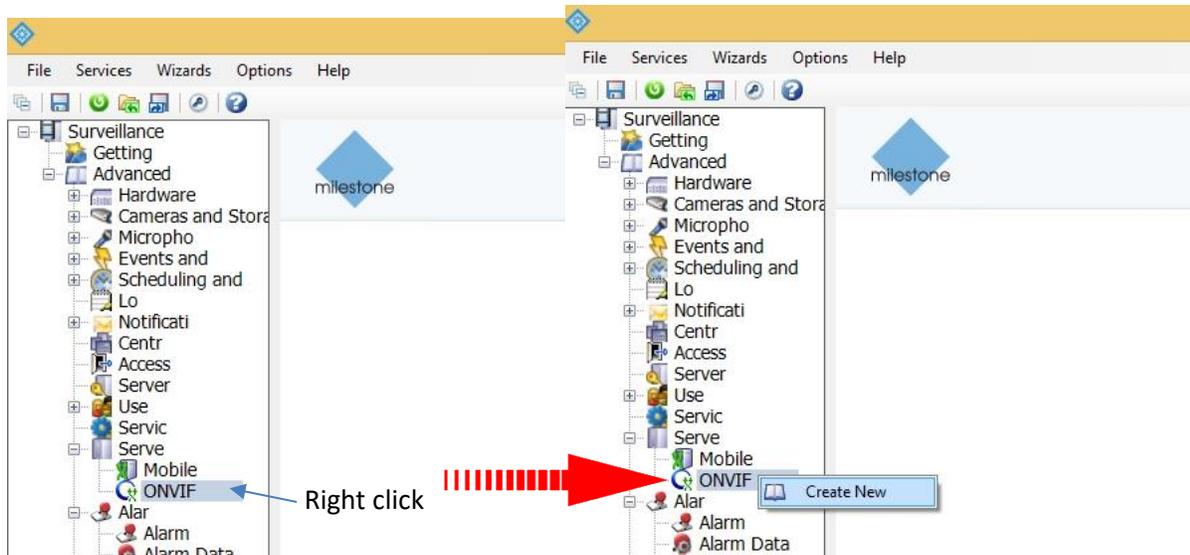
Confirm Triggering events and click OK to close Alarm definition.



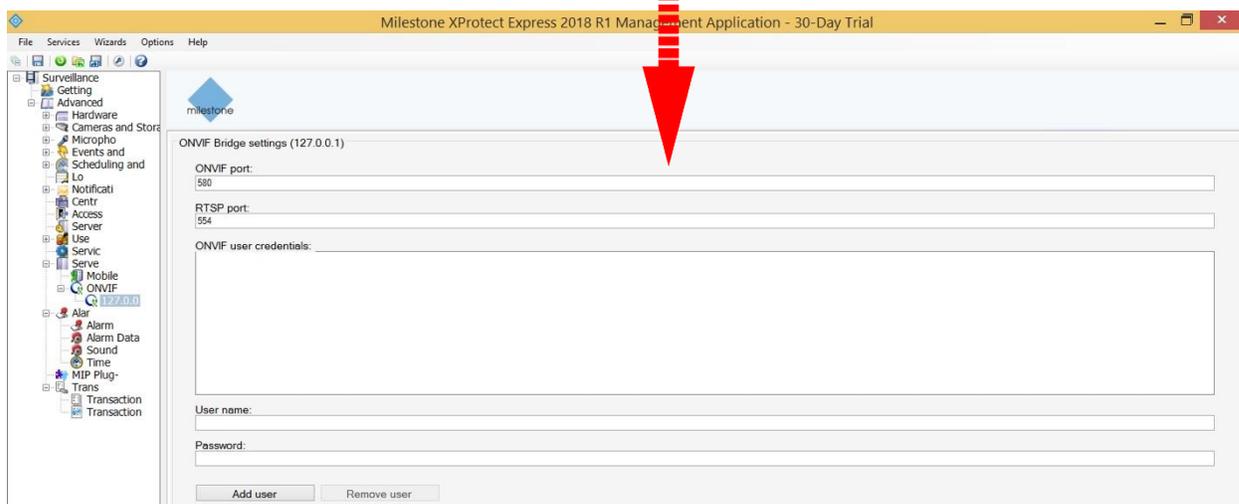
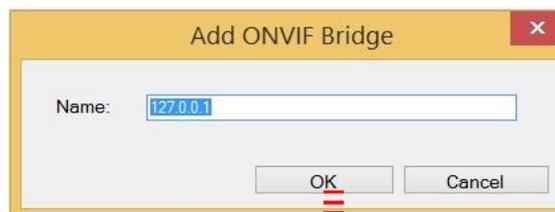
Confirmation window shows defined alarms in the main window.

3.10.2 Add Onvif device to Milestone Management

All camera communications are done by Onvif channel. Hence, onvif addition to Milestone management is a necessary step.



After adding, a small window(below) will ask for server IP. Pass it as it is if you are doing this on Milestone Management server machine.

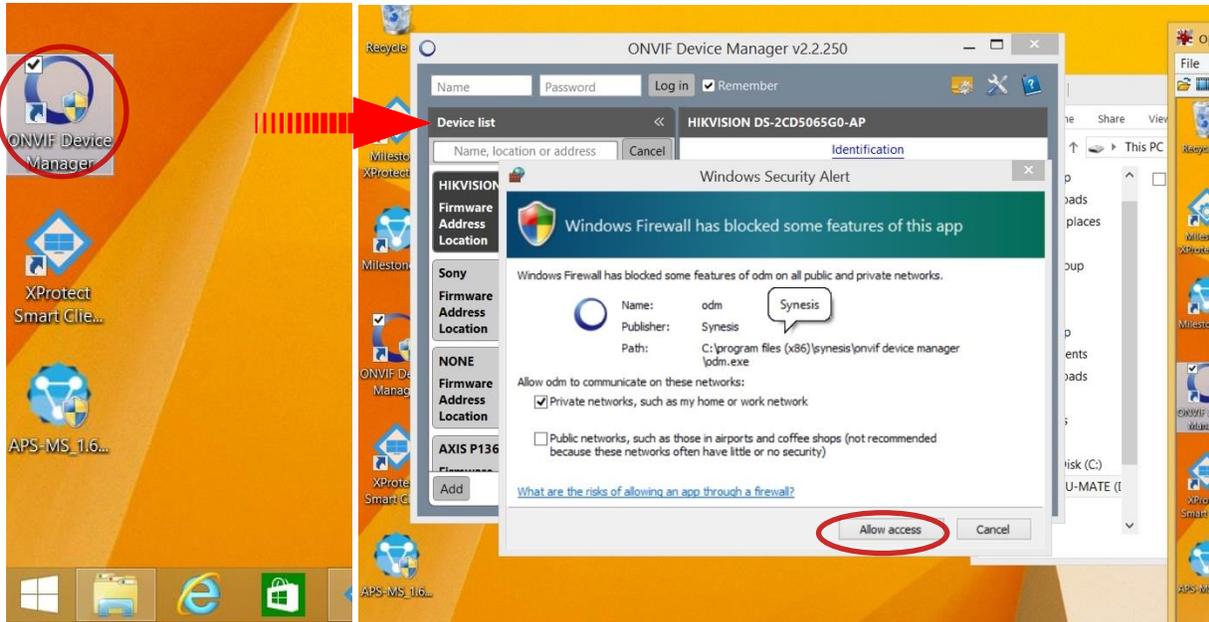


Onvif is added. You should not do anything in this screen. Now, Milestone configuration is complete.

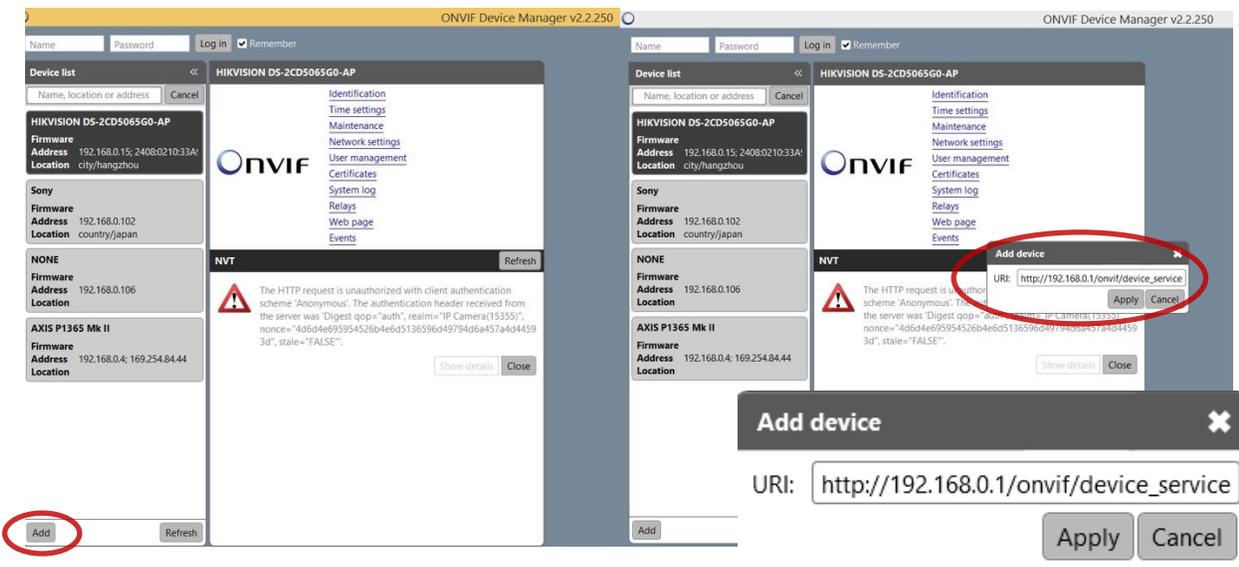
YOU HAVE TO RESTART YOUR COMPUTER AFTER THIS STEP

3.10.3 Confirmation of Milestone Onvif manager

To confirm that Milestone onvif is working, you should use Onvif Device manager. Note that you must have installed it as instructed in Section 3.2. If you have not done this, please refer to Section 3.2



Double click ONVIF Device Manager in your desktop. If above confirmation comes up, click “Allow Access”.



Onvif screen opens. Click “Add” button below the screen. Add device screen comes up.

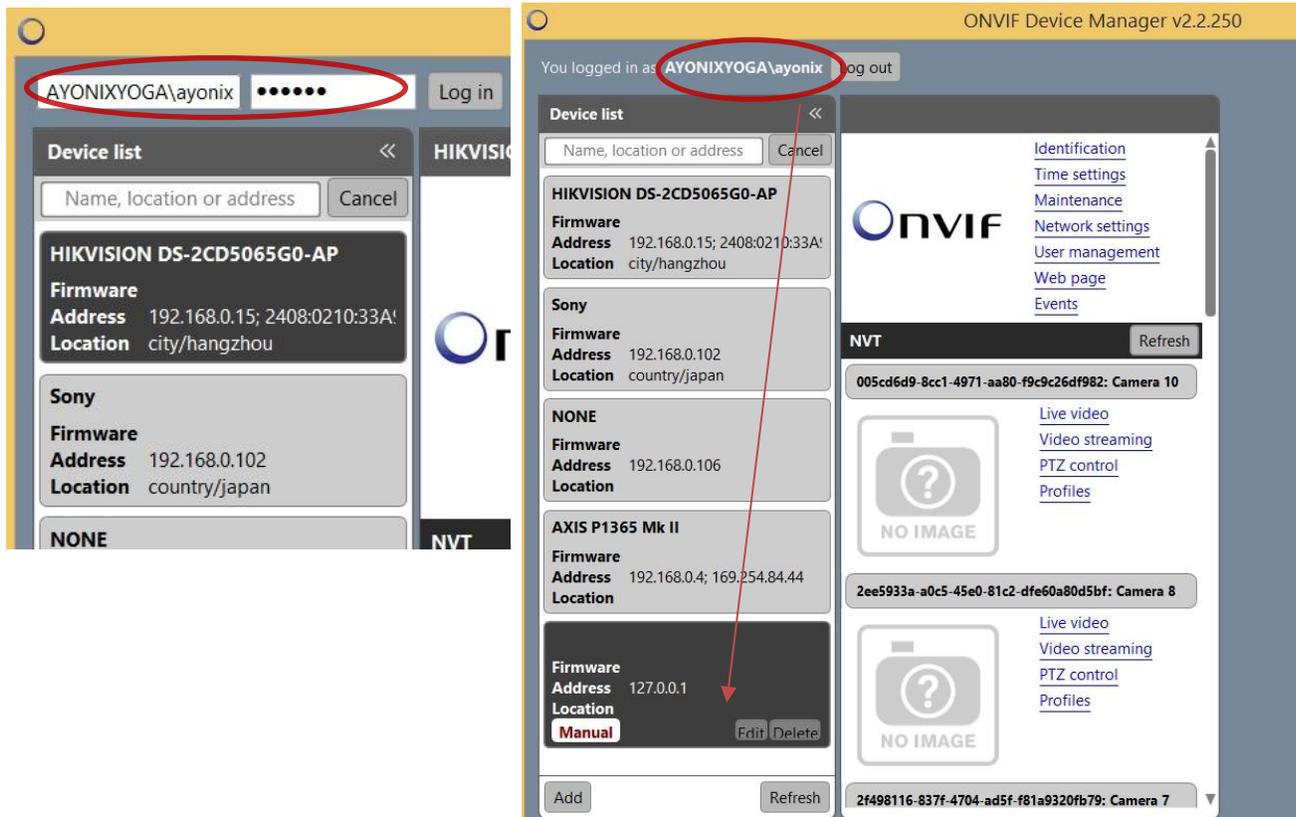


Change URI field as <http://127.0.0.1:580> and Click Apply.

After this, please login to Onvif Device Manager by using Windows credentials:

Username: Computer name/username (For example, AYONIXYOGA/ayonix)

Password: <your windows account password (here password for user "ayonix" >



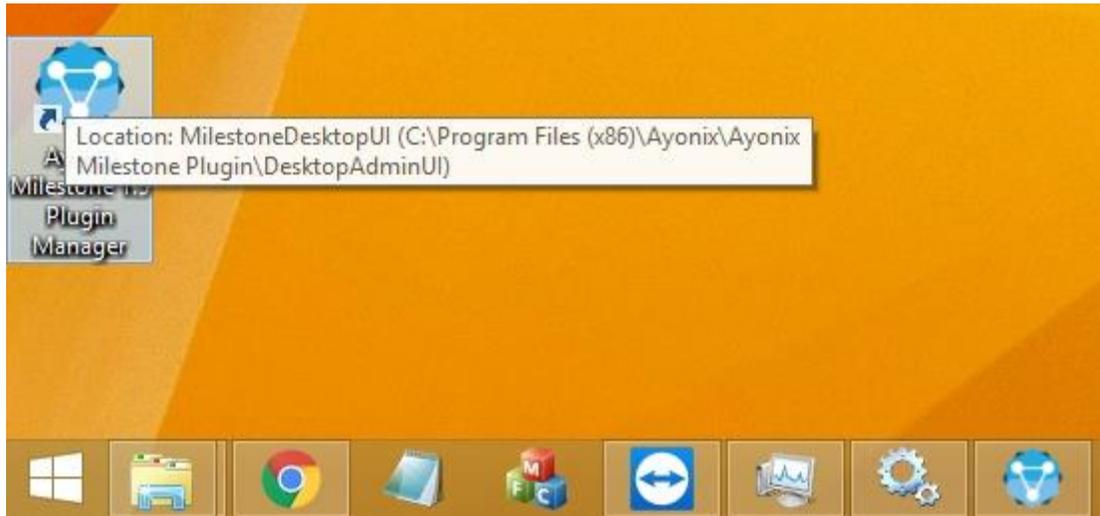
And then click login. Confirm that you are logged. Then choose the one you added

(Name: Firmware, Address: 127.0.0.1)

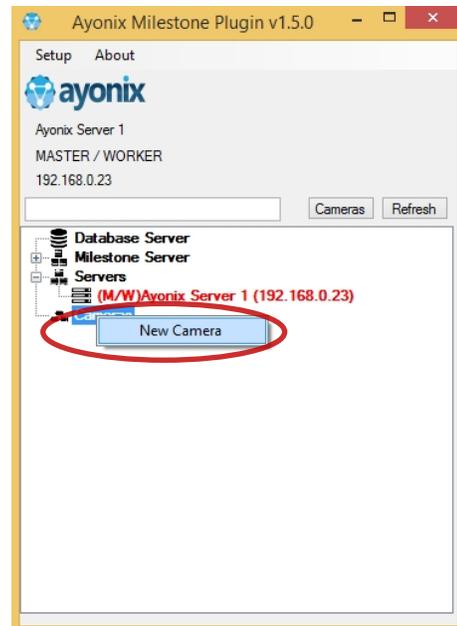
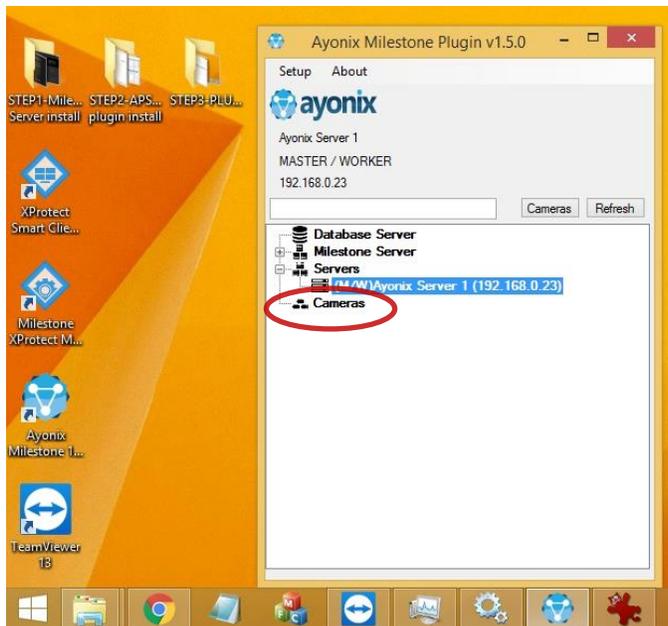
Now we confirm that Milestone configuration is running fine. Onvif device manager acquires camera streams through Milestone Onvif.

3.11 Add camera to APS-Milestone Plugin

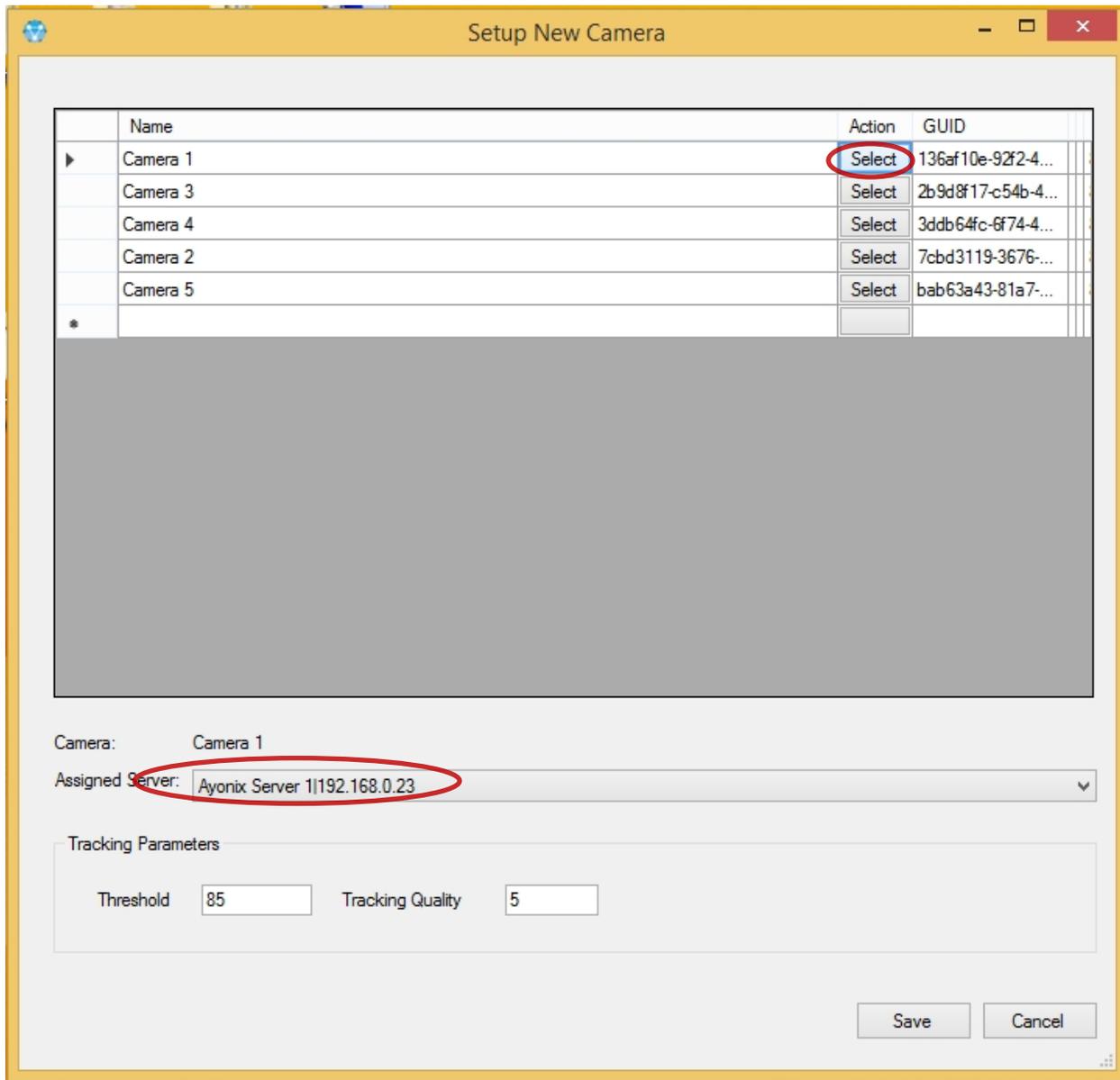
Although you add a camera to Milestone Xprotect, it will not be used for face recognition unless you add it in APS-Milestone plugin manager.



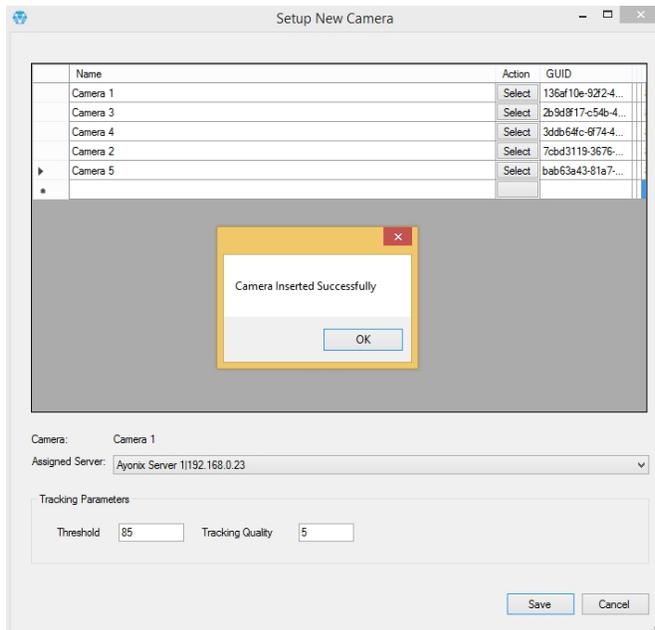
Open Plugin Manager. Desktop shortcut icon is available.



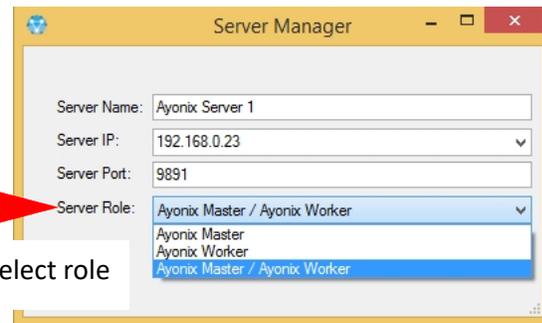
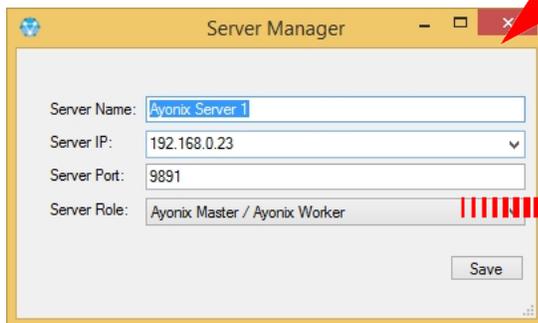
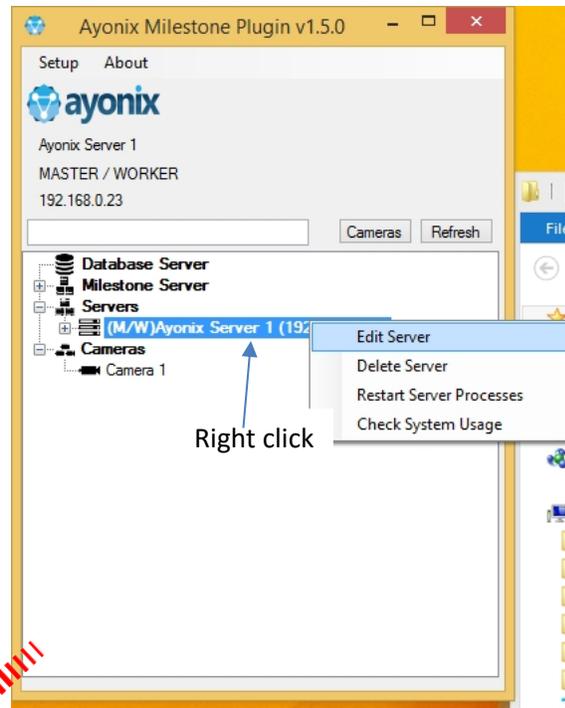
In Plugin manager, right click on Cameras and click “New camera”



Select camera that you wish to use for Face recognition and select which worker will be added to the camera. And then click Save



A message will be shown after successfully selection of cameras. You can modify server roles, change Database server, Add or remove a camera by using Milestone Plugin manager.



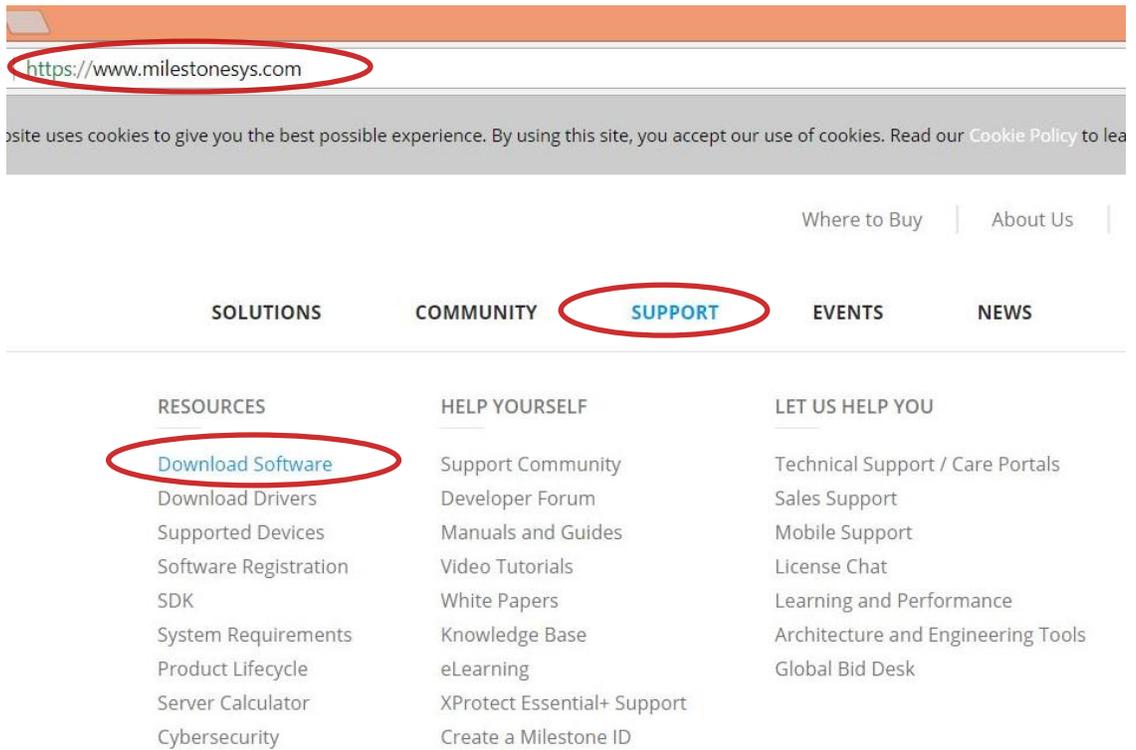
4. Client Installation

4.1 Prerequisites

- Windows 7, 8.1 or 10 64bit
- XProtect Smart Client 2018 R1

If you don't have Milestone XProtect Smart Client installed on your computer, please refer to It on Milestone website. Normally it is installed automatically to your computer by Xprotect application.

4.2 Download Milestone Xprotect Smart Client



The screenshot shows the Milestone website interface. The address bar displays <https://www.milestonesys.com>. Below the address bar, there is a cookie consent banner. The main navigation menu includes [SOLUTIONS](#), [COMMUNITY](#), [SUPPORT](#), [EVENTS](#), and [NEWS](#). The [SUPPORT](#) link is highlighted with a red circle. Under the [SUPPORT](#) menu, there are three columns of links: **RESOURCES** (with [Download Software](#) highlighted), **HELP YOURSELF**, and **LET US HELP YOU**.

RESOURCES	HELP YOURSELF	LET US HELP YOU
Download Software	Support Community	Technical Support / Care Portals
Download Drivers	Developer Forum	Sales Support
Supported Devices	Manuals and Guides	Mobile Support
Software Registration	Video Tutorials	License Chat
SDK	White Papers	Learning and Performance
System Requirements	Knowledge Base	Architecture and Engineering Tools
Product Lifecycle	eLearning	Global Bid Desk
Server Calculator	XProtect Essential+ Support	
Cybersecurity	Create a Milestone ID	

おた通信 | <https://www.milestonesys.com/support/resources/download-software/>

Welcome to the Download section, where you can download Milestone software and device packs in the version and language you need. Be sure to choose your download location before you click "Filter". This will speed up the download process.

Download location Europe

Product: -- All --
 Type: Software
 Version: -- Select current version --
 Language: English

Filter

	Version	Size
XProtect Express	2017 (11.1)	1.65 GB
XProtect Express+	2017 (11.1)	1.18 GB
XProtect Expert	2017 (11.1)	331.55 MB
XProtect Express	2017 (11.1)	280.48 MB
XProtect Express+	1.0.7	9.57 MB
XProtect Go		
XProtect Input Unit Plug-ins	20170814	95.39 KB

おた通信 | <https://www.milestonesys.com/support/resources/download-software/?loc=1&prod=159&type=11&ver=1461&lang=27>

Welcome to the Download section, where you can download Milestone software and device packs in the version and language you need. Be sure to choose your download location before you click "Filter". This will speed up the download process.

Download location Japan

Product: XProtect Express
 Type: Software
 Version: XProtect Express 2017 R3 (1)
 Language: English

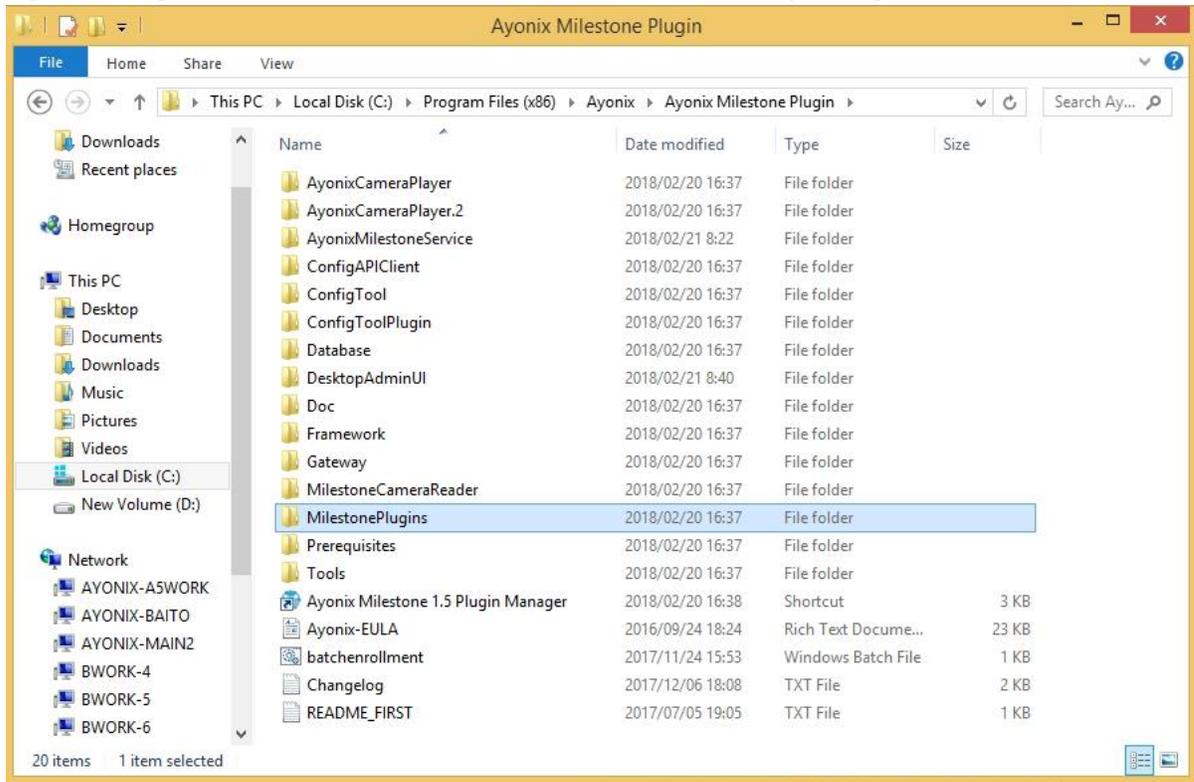
Free Search:

Filter

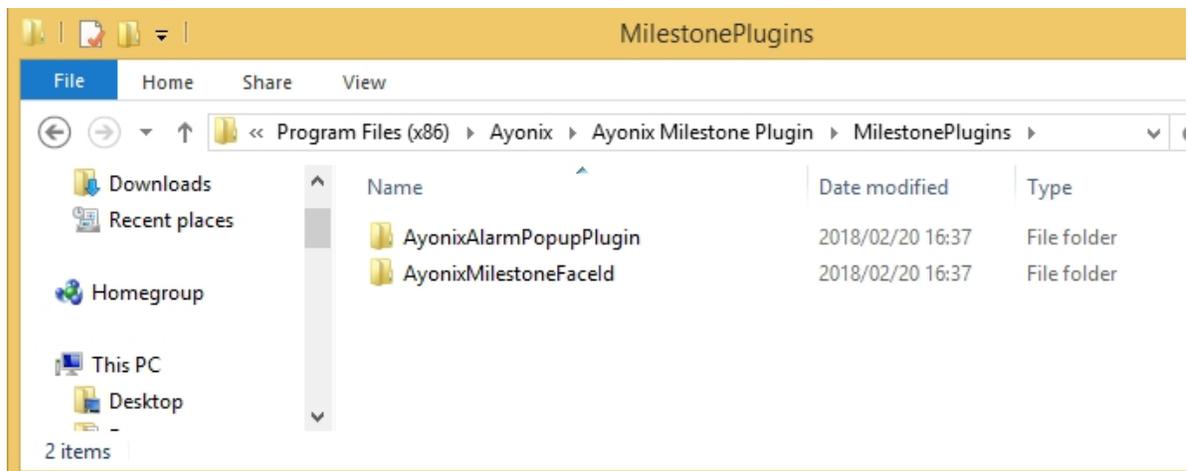
Name	Version	Size
XProtect Express		
Milestone EULA	20170814	95.39 KB
XProtect Smart Client 32-bit	2017 R3 (11.3a)	291.99 MB
XProtect Smart Client 64-bit	2017 R3 (11.3a)	343.22 MB
Server-Side XProtect Smart Client 32-bit	2017 R3 (11.3a)	292.02 MB
Server-Side XProtect Smart Client 64-bit	2017 R3 (11.3a)	343.25 MB
XProtect Professional VMS Products	2017 R3 (11.3a)	1.20 GB
ReadMe	2017 R3 (11.3a)	2.62 KB

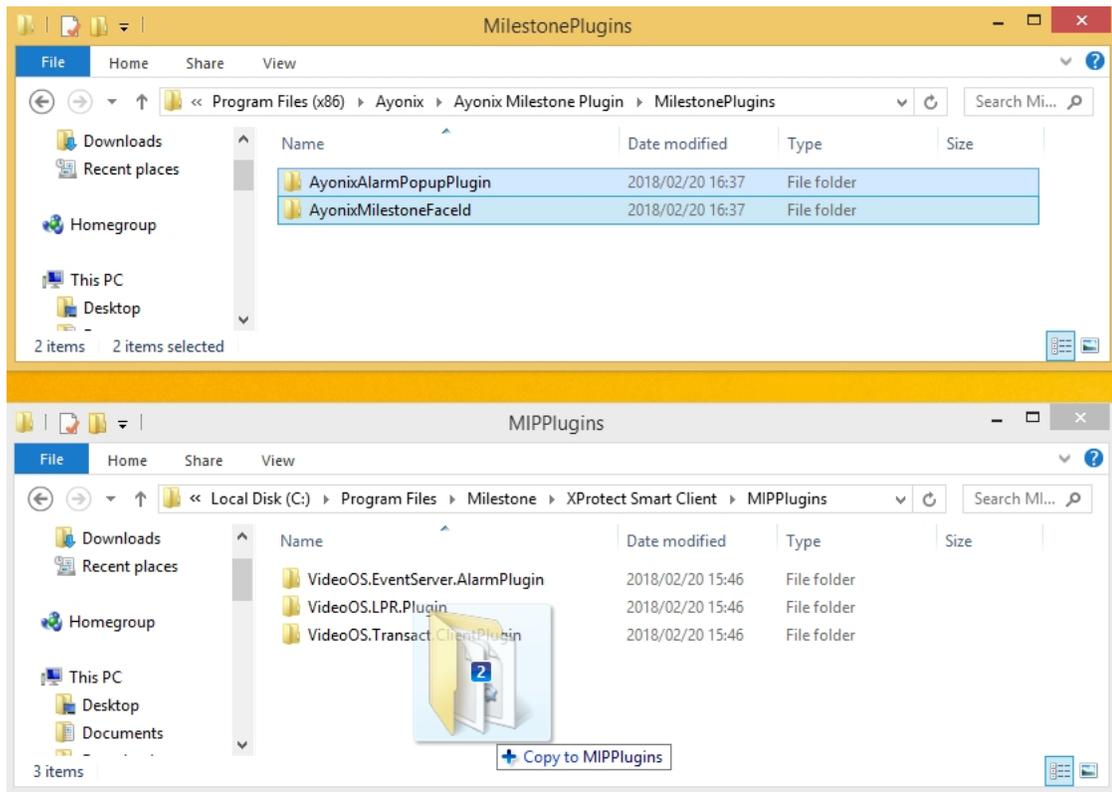
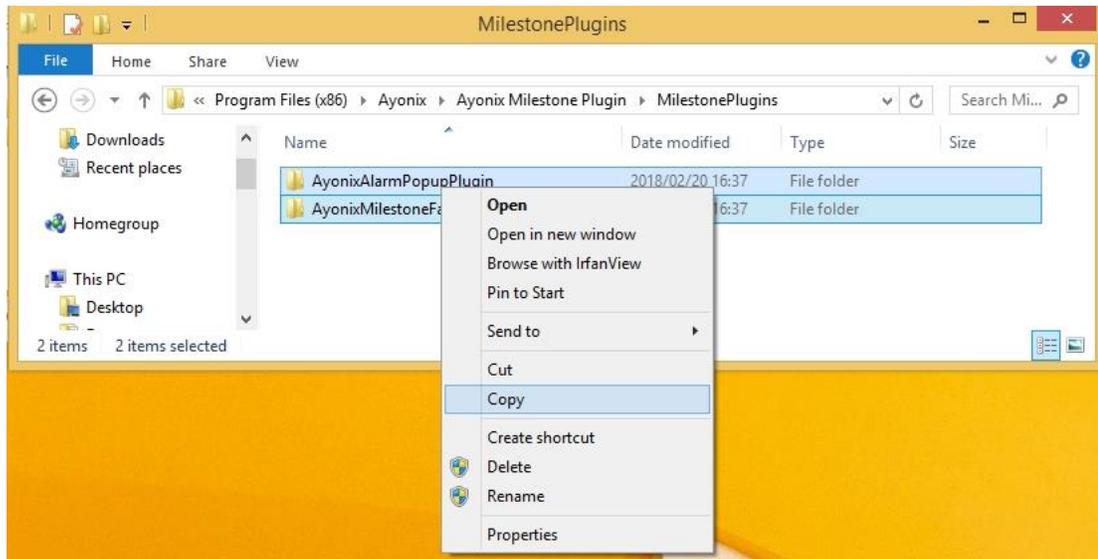
4.3 Setup Milestone Xprotect Smart Client

Before proceeding, Close All Instances of XProtect Smart Client if they are opened.

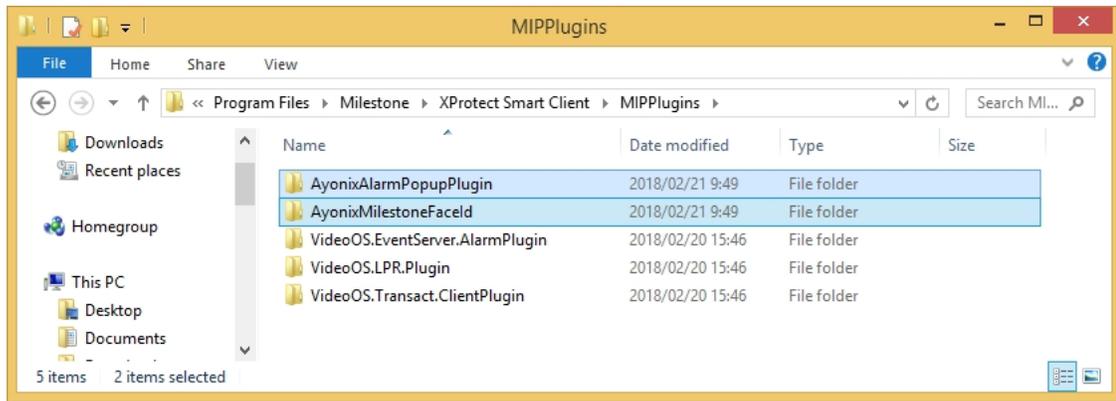


On Server Installation folder, there is a folder named "Milestone Plugins"



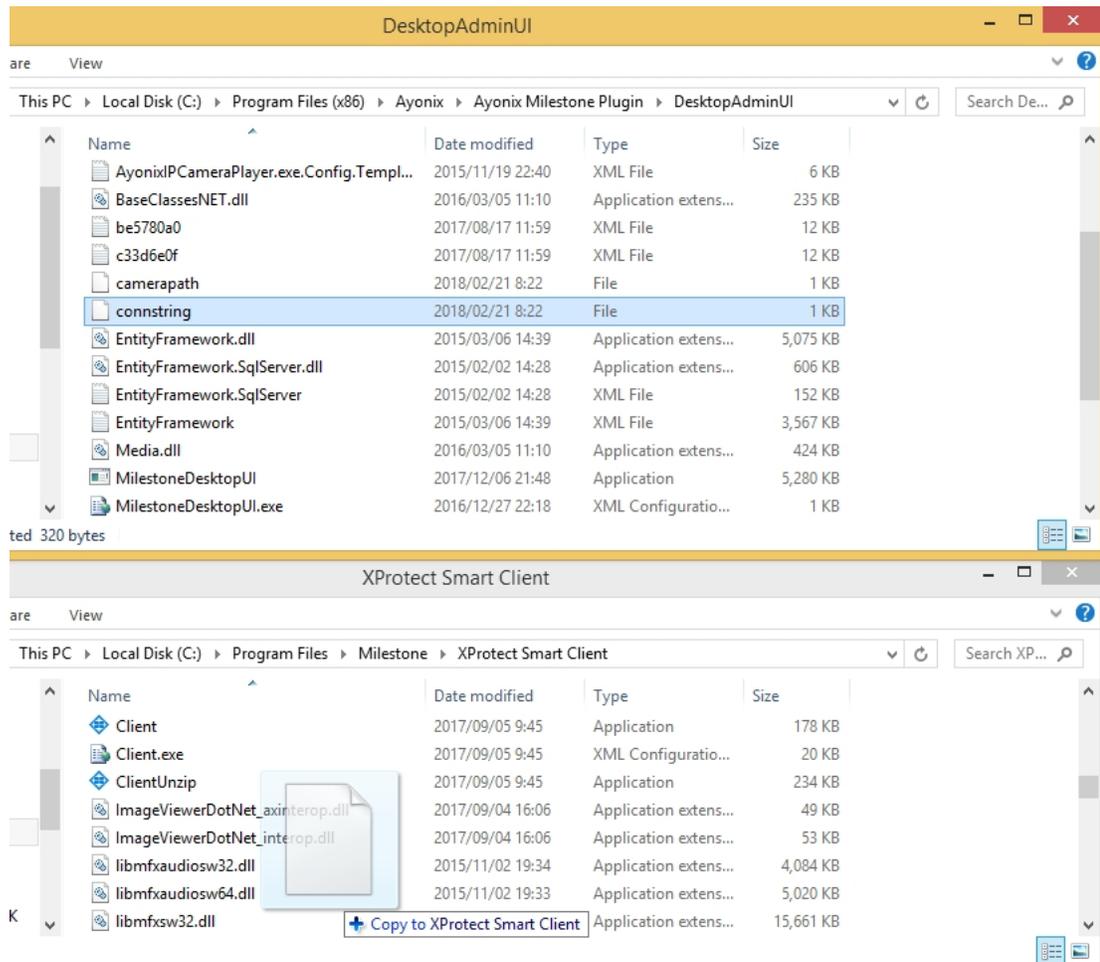


Copy two folders from this folder to the XProtect Smart Client MIPPlugins Folder (check next illustration)



This is the MIPPlugins folder destination file for the plugin

Then, copy the connstring file inside DesktopAdminUI inside Ayonix Milestone Plugin to the Xprotect Smart Client as below

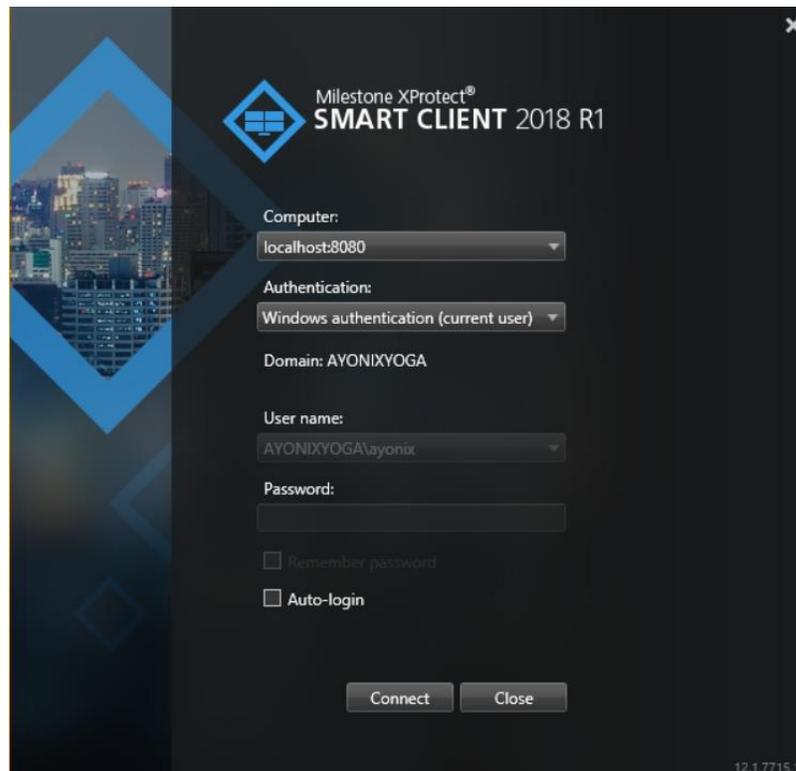


4.4 Microsoft Smart Client setup

Open XProtect Smart Client using Desktop shortcut. **YOU HAVE TO RUN IT AS ADMIN ALL THE TIME**

IMPORTANT: In order to setup client plugin for the first time, it is mandatory to run it with Administrator privileges.

Login to the server through Smart Client



Computer: It is the server IP address. If port is different than 80, please put the port number as below:

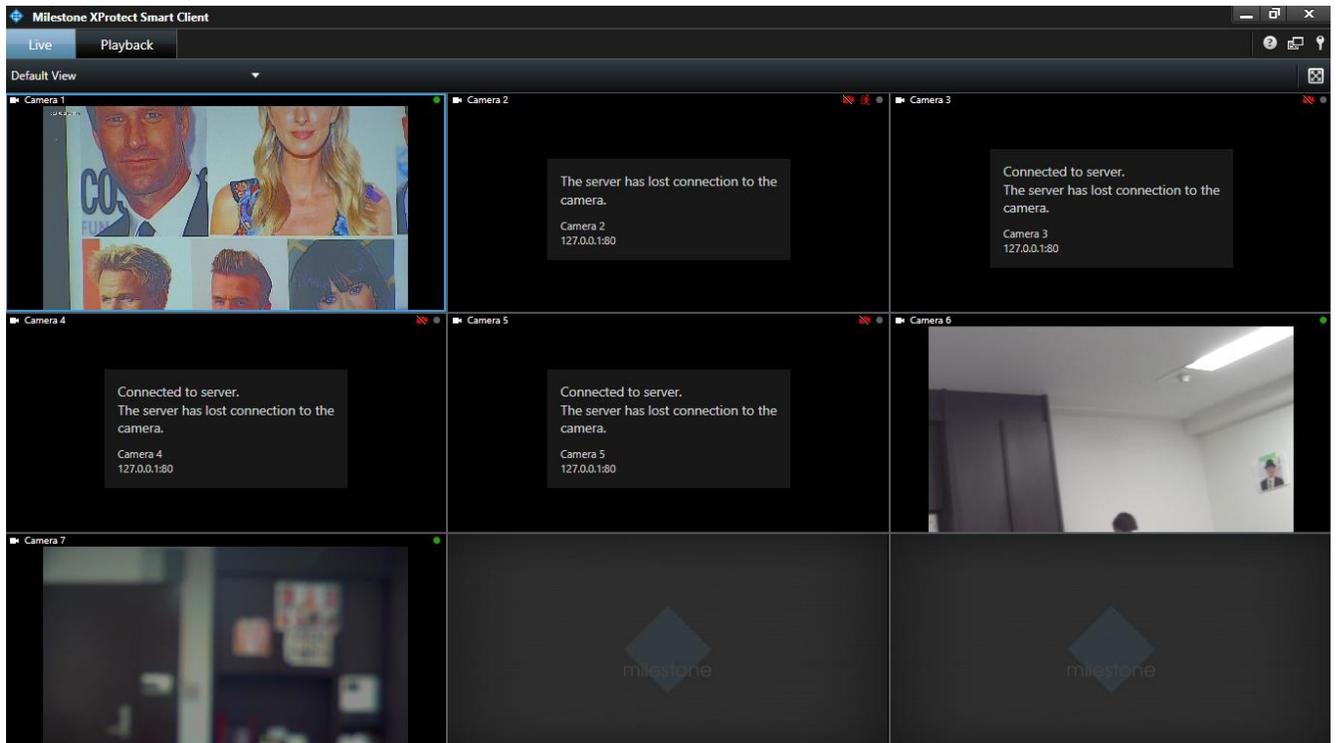
For example: 192.168.0.22:8080 8080 is port number of the server here.

Authentication: Choose an appropriate authentication. You can use Basic or Windows authentication.

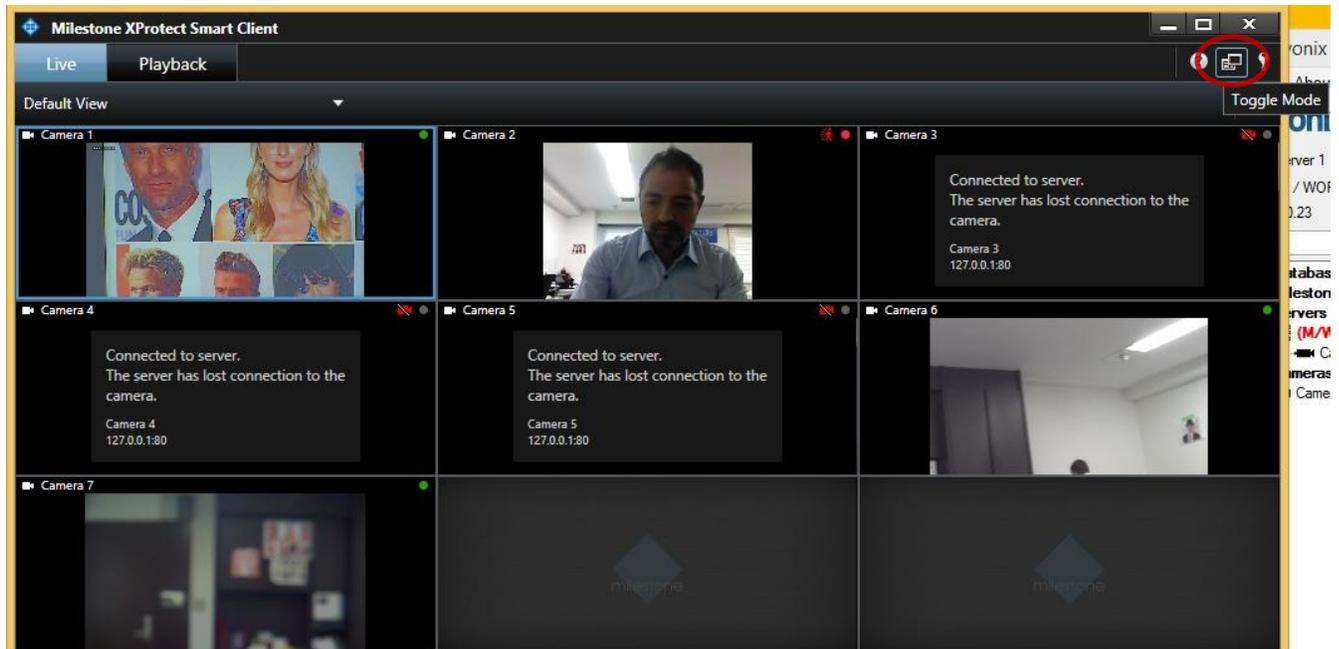
Username: If you choose Basic authentication in Authentication field, put computer name and username

Password: Put computer user password.

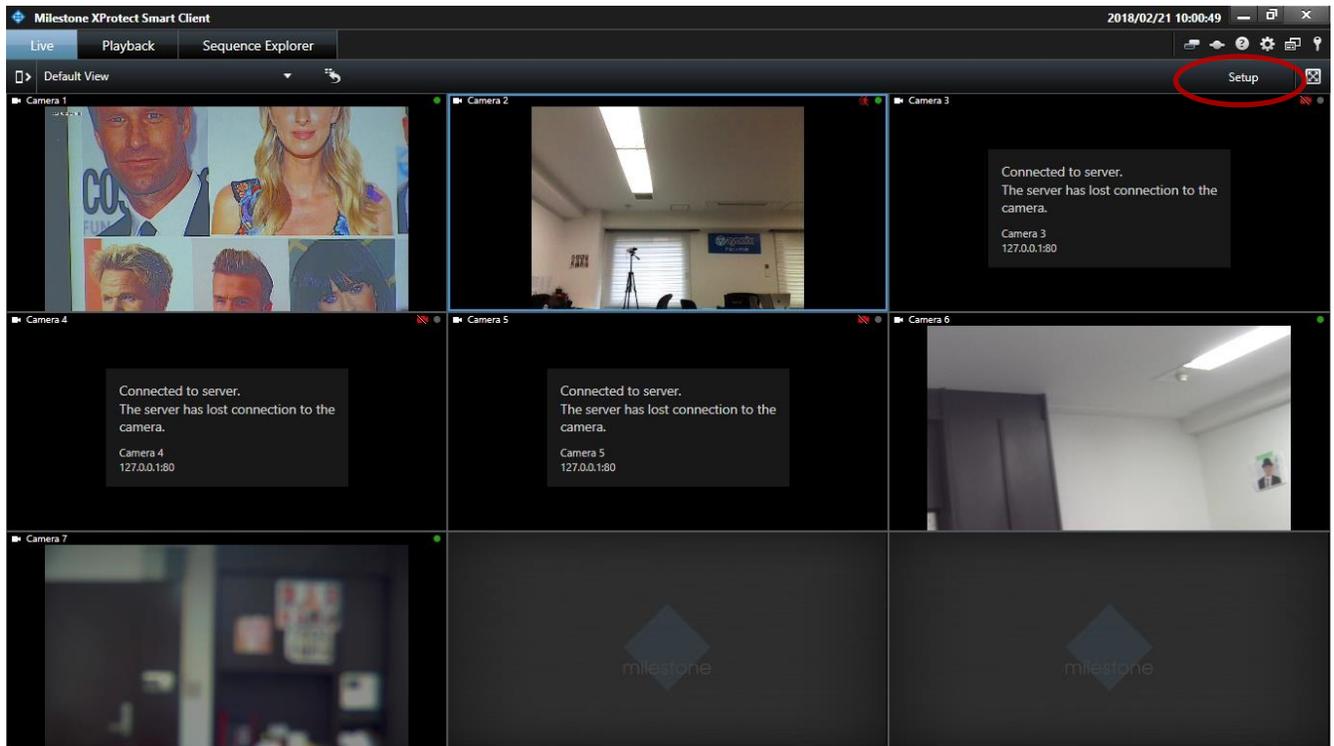
Finally, click **Connect**.



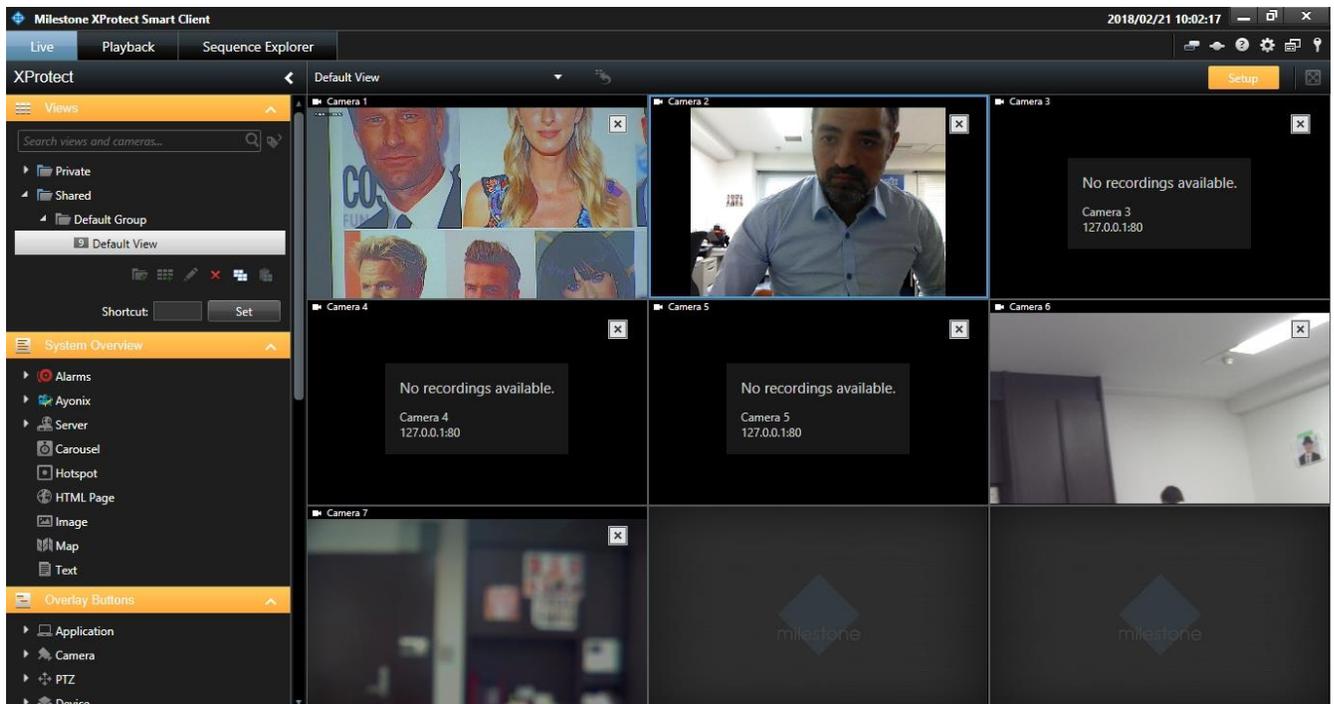
Client window will open.



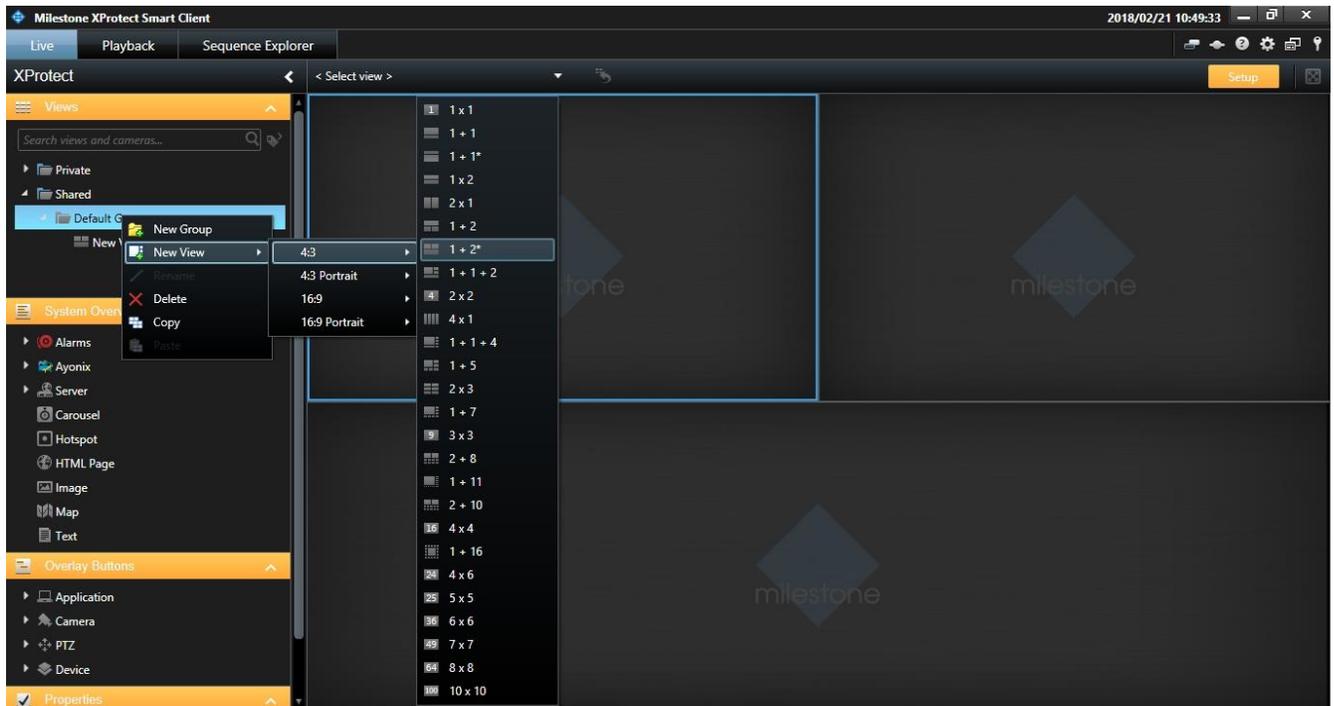
Click Toggle button to see the SETUP button.



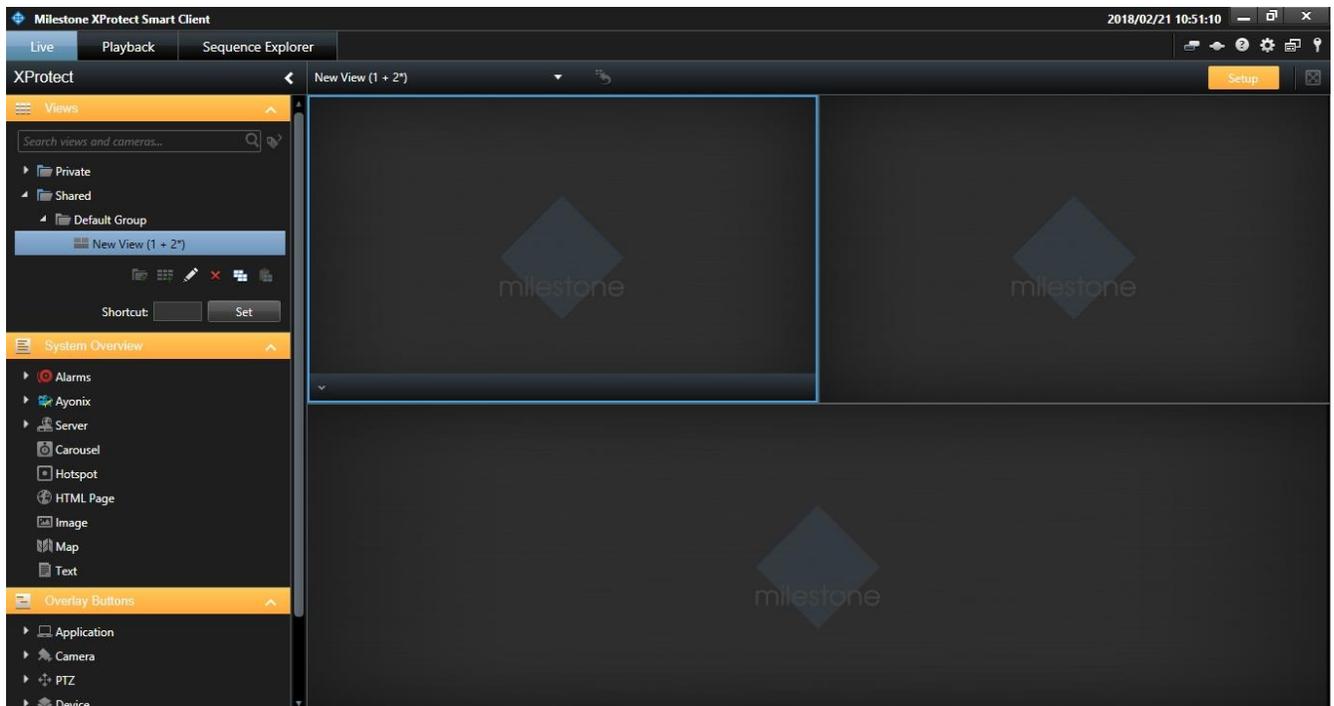
Click Setup button on the up-right corner.



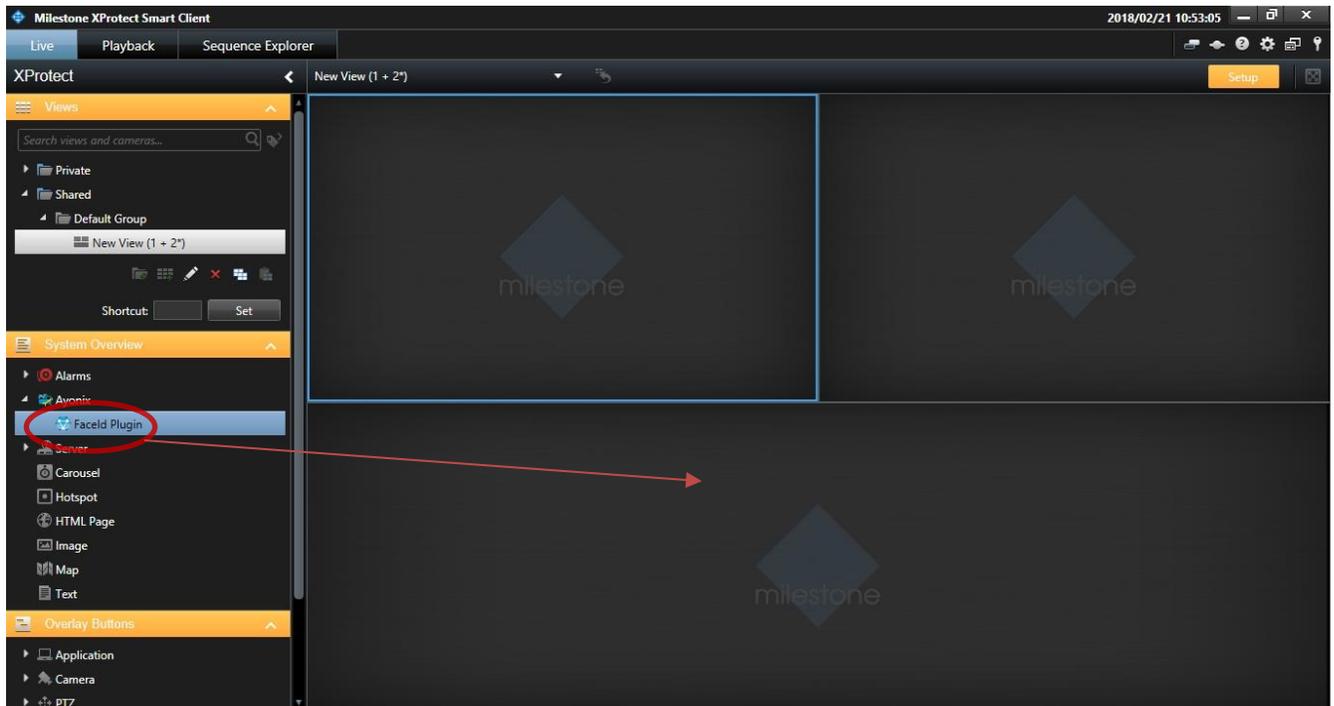
Left panel will appear.



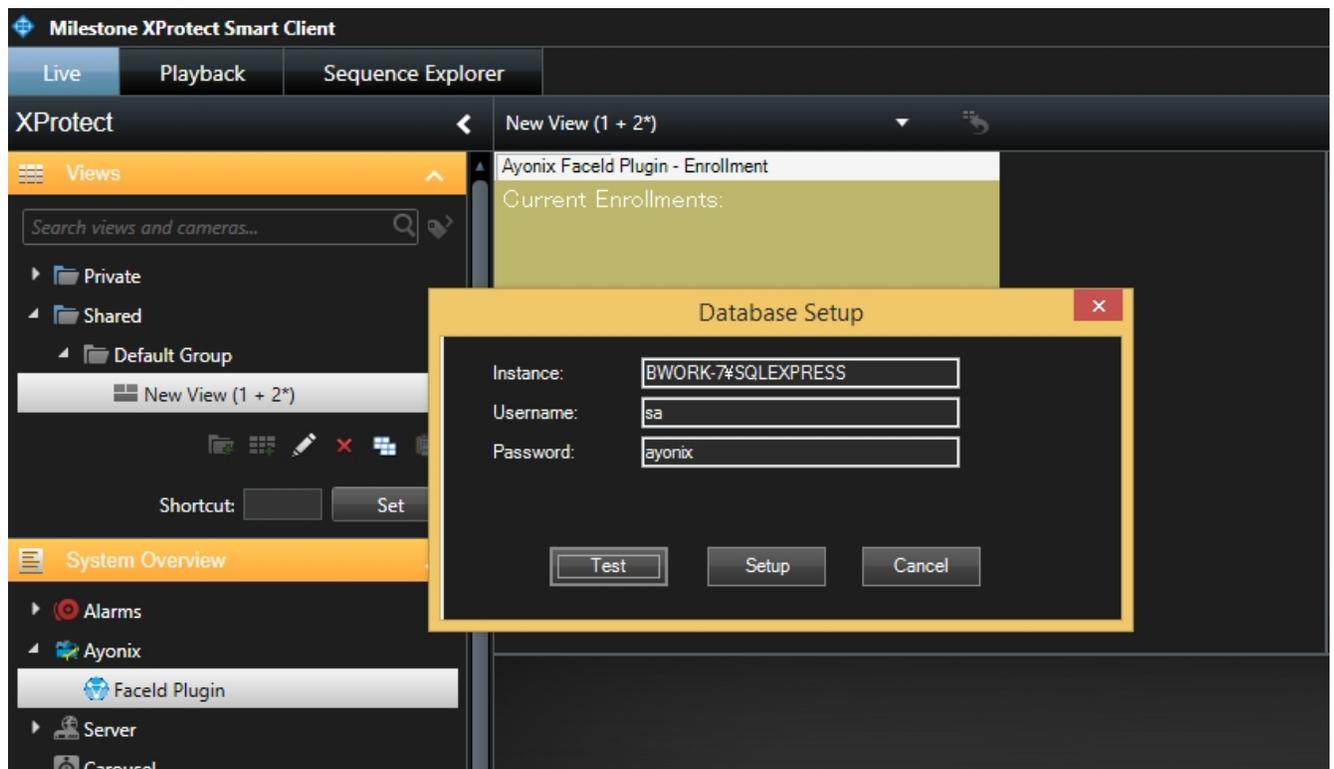
Under "Setup" view, create a new view. Views can be created according to user needs. In our example, we create a 1+2 view(Click Default Group, choose New View)



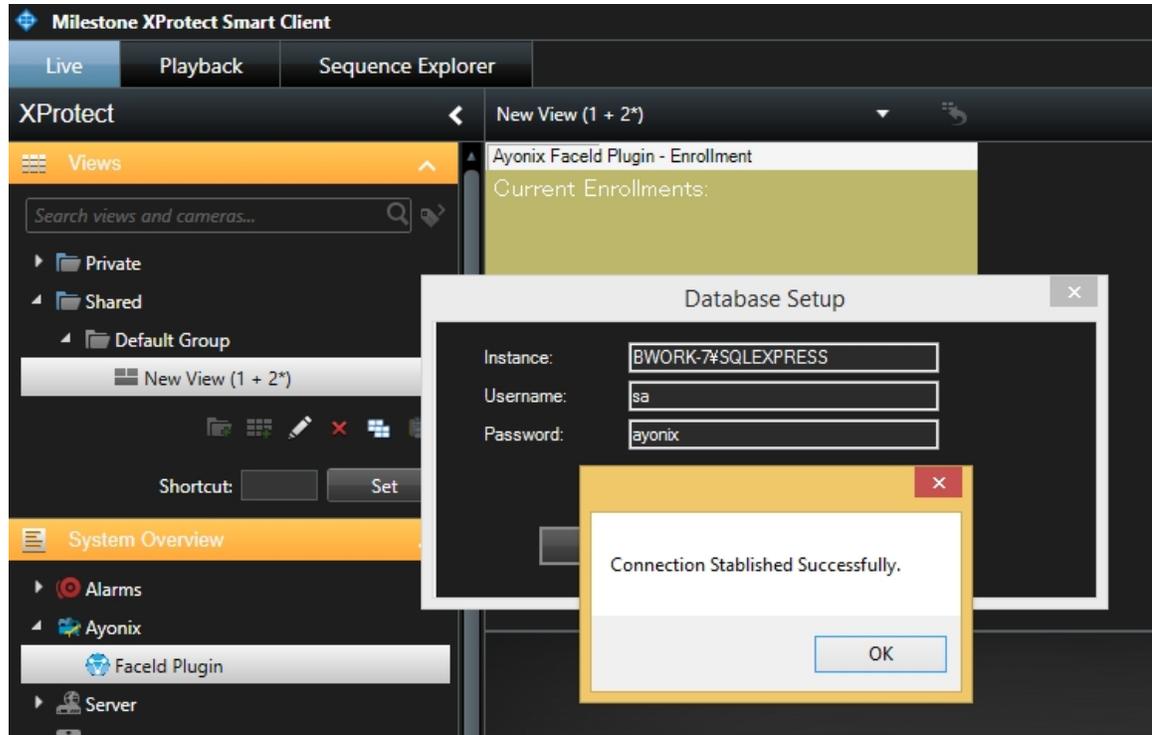
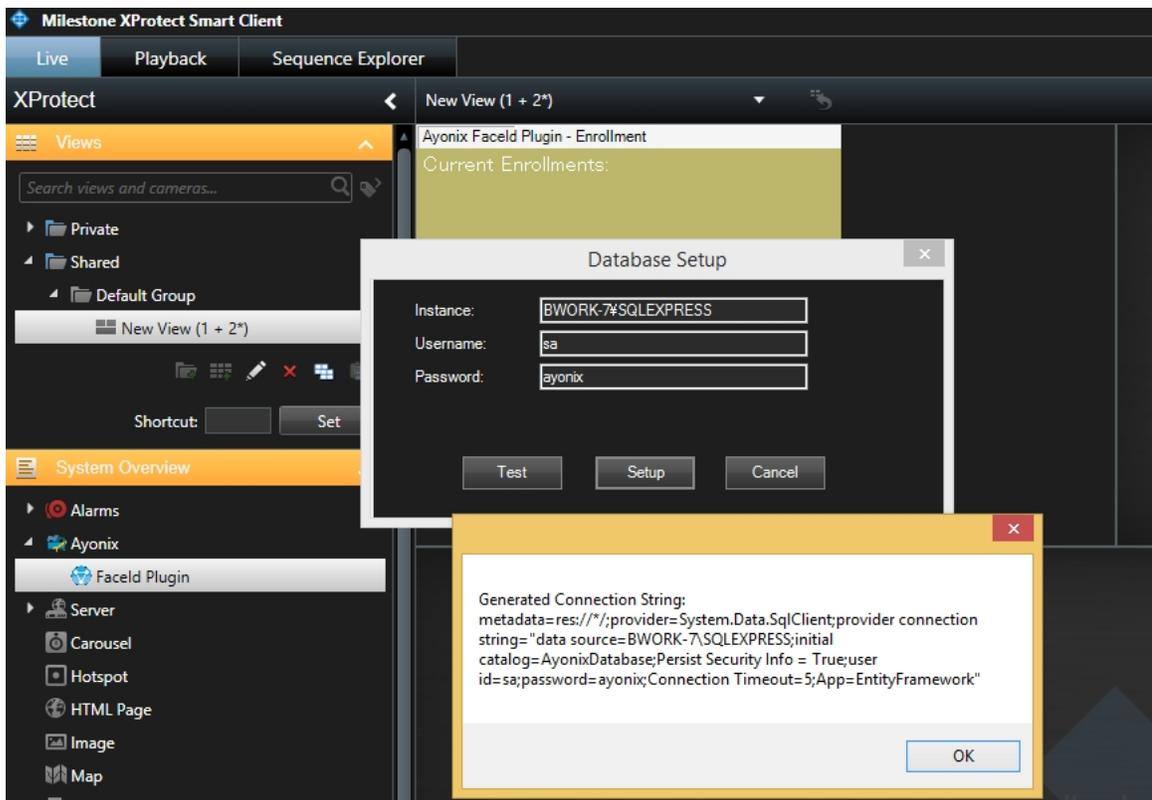
View that you choose. You can change the view at anytime. Now, On "System Overview" left panel, look for "Ayonix" option. Click on it.



See “Ayonix->FacelD Plugin” and drag and drop to the View area.

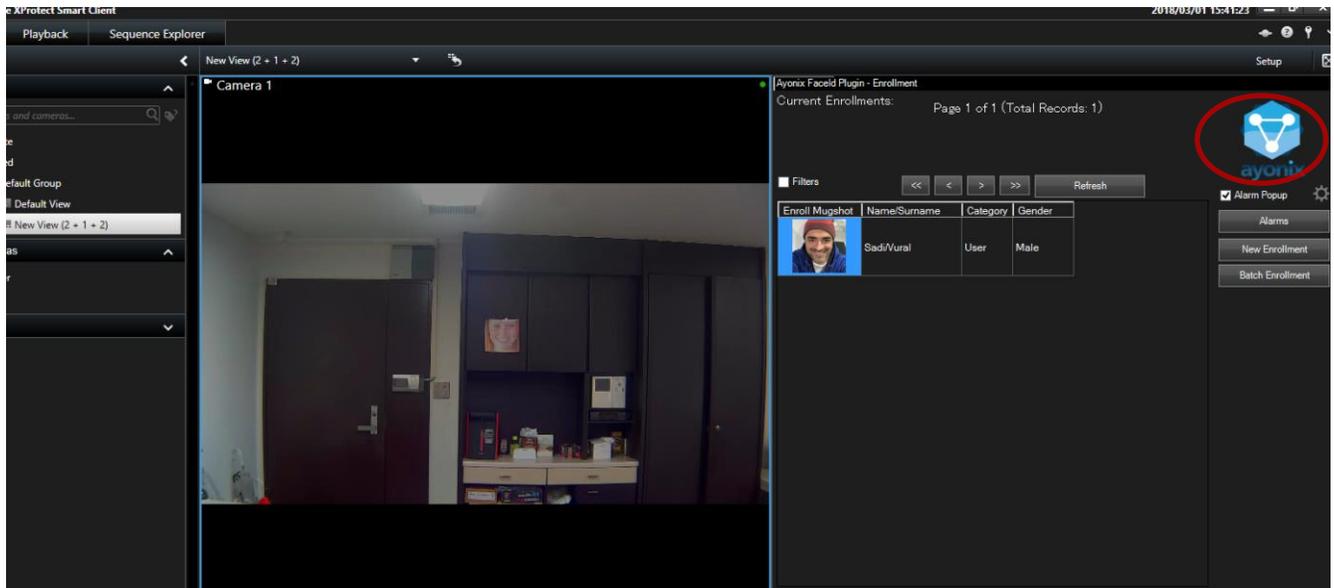


Database Setup window will come up. Fill it up with Database credentials.

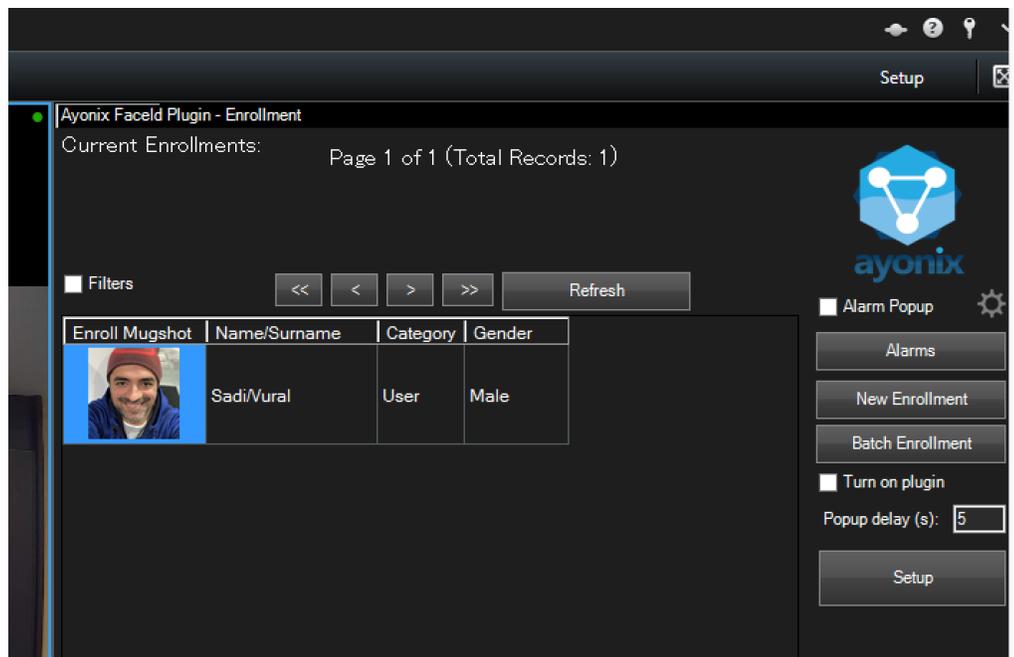


After the confirmation messages, setting is completed.

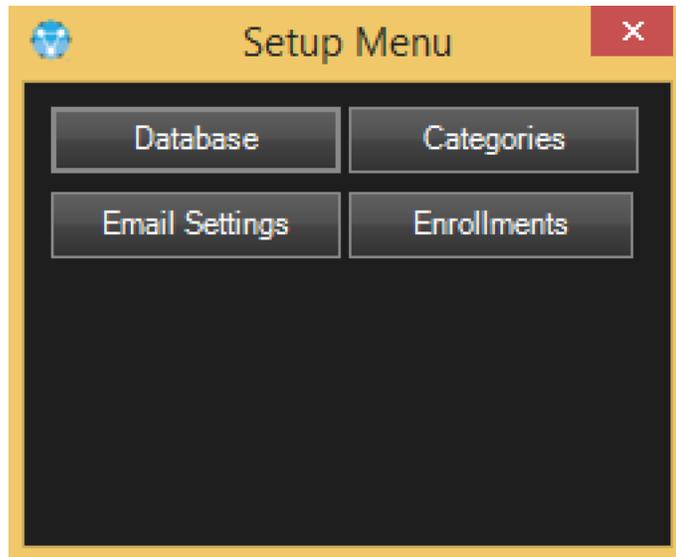
4.5 Final Plugin setting



Inside Plugin basic window (upper right panel) , double click over Ayonix Icon. A "Setup" Button will appear on the lower part.

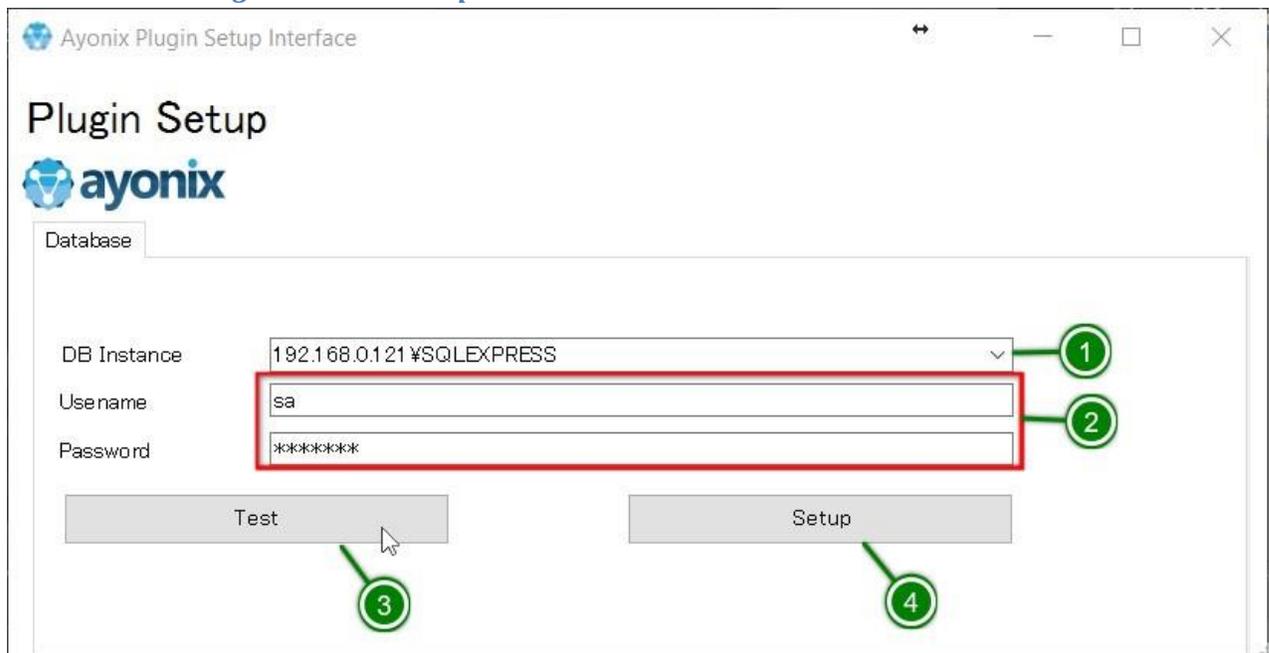


Click on "Setup" button. Type default password for it default password is "ayonix" . It can be changed inside server interface window. A Setup menu will appear.



Select "Database" into "Setup Menu". A Connection window will appear.

Milestone Client Plugin XProtect Setup

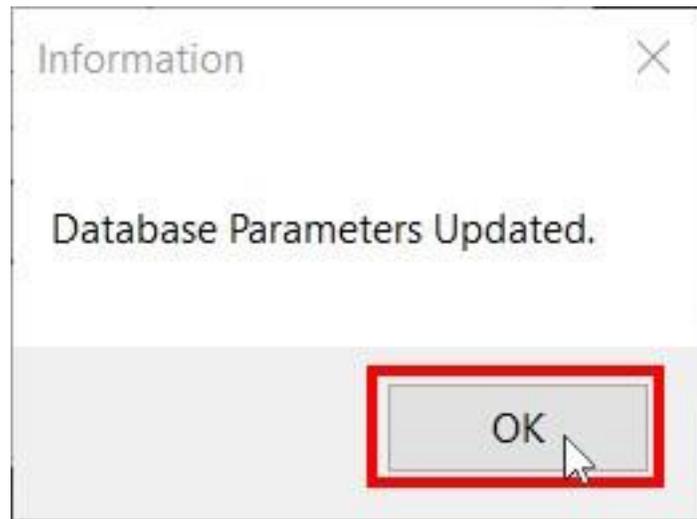


1 - Db Instance : type sql server IP address and installation name. For instance, if sql is on 192.168.0.10 and chosen installation name is SQLEXPRESS, type "192.168.0.10\SQLEXPRESS"

2 - Type System Administrator username and password. System administrator usually is sa.

3 - Click on Test. A confirmation message must be displayed.

4 - Click on Setup. A sequence of confirmation messages will be displayed, finished by a "Setup Successfully" message



Click on Ok. Close XProtect Smart Client and open it on normal mode (without Administrator permissions).

Client Plugin Setup is completed.

--PLEASE REFER TO OPERATION MANUAL TO USE THE SOFTWARE--