Milestone™ XProtect® Integration

Introduction

This guide explains how to integrate IX|IXG Series stations with Milestone's™ XProtect® Management Client. The integration allows audio and video from the stations to be recorded on XProtect.

These instructions assume that the IX|IXG Series stations have already been programmed using IXG Support Tool, and that a copy of the system's configuration is available.
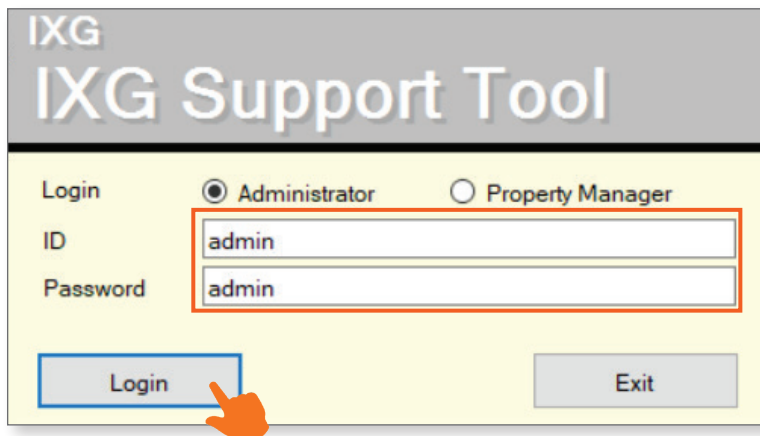
IXG Support Tool can be downloaded from here: https://www.aiphone.com/IXG-SupportTool

See this link for instructions on exporting and importing a configuration from another PC: https://www.aiphone.com/ixg-export-import

For more programming instructions, see the IXG Series Quick Start guide: https://www.aiphone.com/IXG-Series-QuickStartGuide

IXG Support Tool Settings

Open IXG Support Tool and log in as an administrator. If this is the first time that IXG Support Tool is being opened on the PC, the credentials will be **admin** and **admin**. Follow the prompts to change the password, and record that for future use. The login ID will still be **admin**.

Navigate to **Station Information**, ID / Password on the left menu. For each station that will stream video to XProtect, provide a **ONVIF ID**, **ONVIF Password**, **RTSP ID**, and **RTSP Password**. These can be any alphanumeric combination that is desired. Record these for future steps, and click Save .

Unit Number	Station Name	Station Information							
		ID / Password							
		ID(Administrator)	Password(Admin	User ID	User Password	ONVIF ID	ONVIF Password	RTSP ID	RTSP Password
001	Video Door Station1	milestone	*********			aiphone	*******	aiphone	*******
002	Video Door Station1	milestone	*********			aiphone	*******	aiphone	*******
003	Master Station1	milestone	*********			aiphone	*******	aiphone	*******

IXG Support Tool Settings *(continued)*

Navigate to **Network Settings**, IP Address on the left menu. Record the IP Address for each station that will be integrated with XProtect for future steps.

Unit Number	Station Name	Network Settings											
		IP Address											
		Hostname	IP Version	Static / DHCP	IPv4 Address							
					IP Address				Subnet Mask			
					1	2	3	4	1	2	3	4
001	Video Door Station1		IPv4	Static	192	168	1	6	255	255	255	0
002	Video Door Station1		IPv4	Static	192	168	1	30	255	255	255	0

Navigate to **Connection(S)**, *Station Search* on the top menu. Click [Cancel] to end the search after a few moments. If the stations show up on the search, make note of their firmware versions.

Station Search

Search results within the local network.

			Station List			
Building Nu	Unit Number	Station Name	Station Type	IP Address	MAC Address	Firmware
01	002	Master Station1	IX-MV7-*	192.168.1.5	00:0B:AA:30:1E:95	8.00
01	003	Video Door Station1	IX-EA,IX-EAU	192.168.1.7	00:0B:AA:2A:46:AF	8.80

ℹ️ The station search will only work if the programming PC is connected to the same network switch as the other stations. If it does not, the firmware version only affects one setting later on, which will be noted.

IXG Support Tool Settings *(continued)*

Navigate to **Connection(S)**, *Upload Settings* on the top menu. Click [Select] to highlight all stations in the system, then click [Settings] to upload the settings to all stations. It is best practice to upload settings to stations that did not have ONVIF™ or RTSP credentials set.
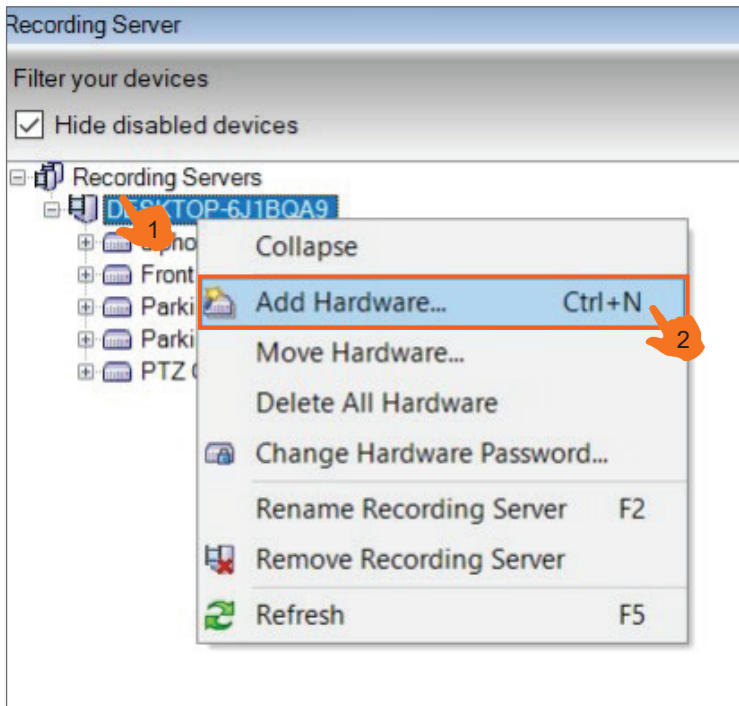

XProtect Management Client Settings

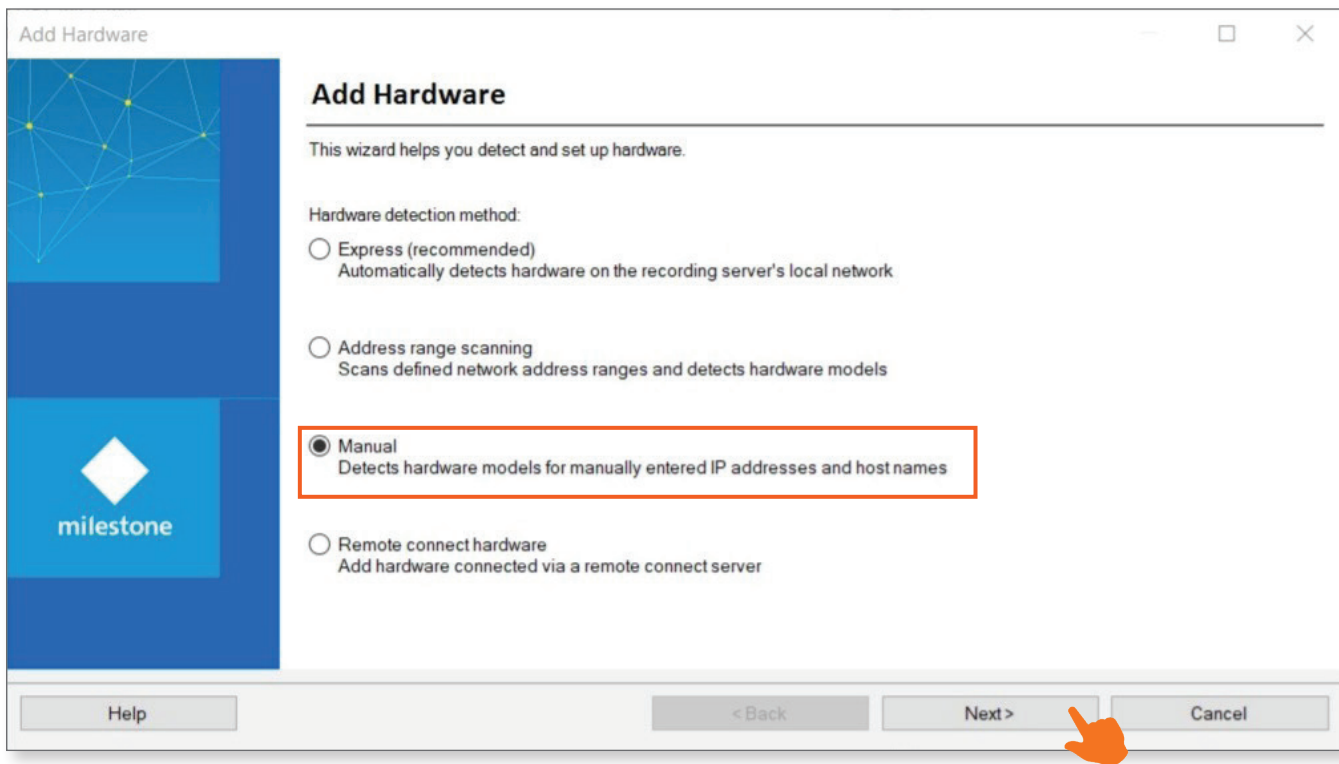Open XProtect Management Client. Navigate to **Servers**, Recording Servers on the left menu.
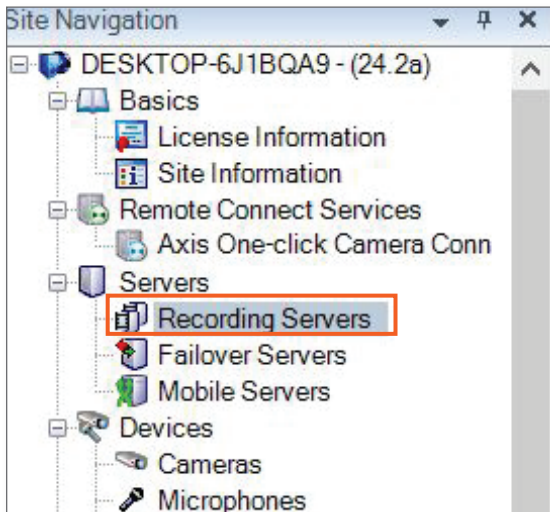
XProtect Management Client Settings *(continued)*

Right click on the server and click Add Hardware .

Recording Server

Filter your devices

☑ Hide disabled devices

- Recording Servers
  - DESKTOP-6J1BQA9 **1**
    - ⊞ no
    - ⊞ Front   Collapse
    - ⊞ Parki   Add Hardware...   Ctrl+N
    - ⊞ Parki   Move Hardware...   **2**
    - ⊞ PTZ   Delete All Hardware
                       Change Hardware Password...
                       Rename Recording Server   F2
                       Remove Recording Server
                       Refresh   F5

A new window will open. Select a detection method. These instructions default to the Manual settings, but Express or Address range scanning will also work. Click Next .

Add Hardware

Add Hardware

This wizard helps you detect and set up hardware.

Hardware detection method:

○ Express (recommended)
Automatically detects hardware on the recording server's local network

○ Address range scanning
Scans defined network address ranges and detects hardware models

◉ Manual
Detects hardware models for manually entered IP addresses and host names

○ Remote connect hardware
Add hardware connected via a remote connect server

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| Help | | < Back | Next > | Cancel |

XProtect Management Client Settings *(continued)*

On the next screen, click Add . Enter a name for the category that will include the IX | IXG Series stations, such as aiphone, and the ONVIF credentials set up in IXG Support Tool. Click Next .

Select **Other** from the list of manufacturers, then **ONVIF Conformant Device**. Click Next .

XProtect Management Client Settings *(continued)*

Click ⟦Add⟧ to create an entry for the station. Enter its IP Address under **Address**. The **Port** will vary depending on if the firmware version of the station. For versions 8.80 and below, use port 10080. For version 8.81, use port 80.

If the firmware version is higher than 8.81, navigate to www.aiphone.com/ix-ixg-firmware. Locate the station models in question. If the firmware version for the station type is listed as Standard, use port 10080. If it is listed as Enhanced, use port 80.

> **i** Firmware version 8.88 does not exist as of the time of this document's writing. It is only shown as an example of a future firmware update beyond 8.81.

If the firmware is out of date, XProtect integration does not require updating the firmware. It is still recommended to keep the stations' firmware up to date. For more instructions, see https://www.aiphone.com/ixg-firmware-update.

Repeat these steps for each station and click ⟦Next⟧.
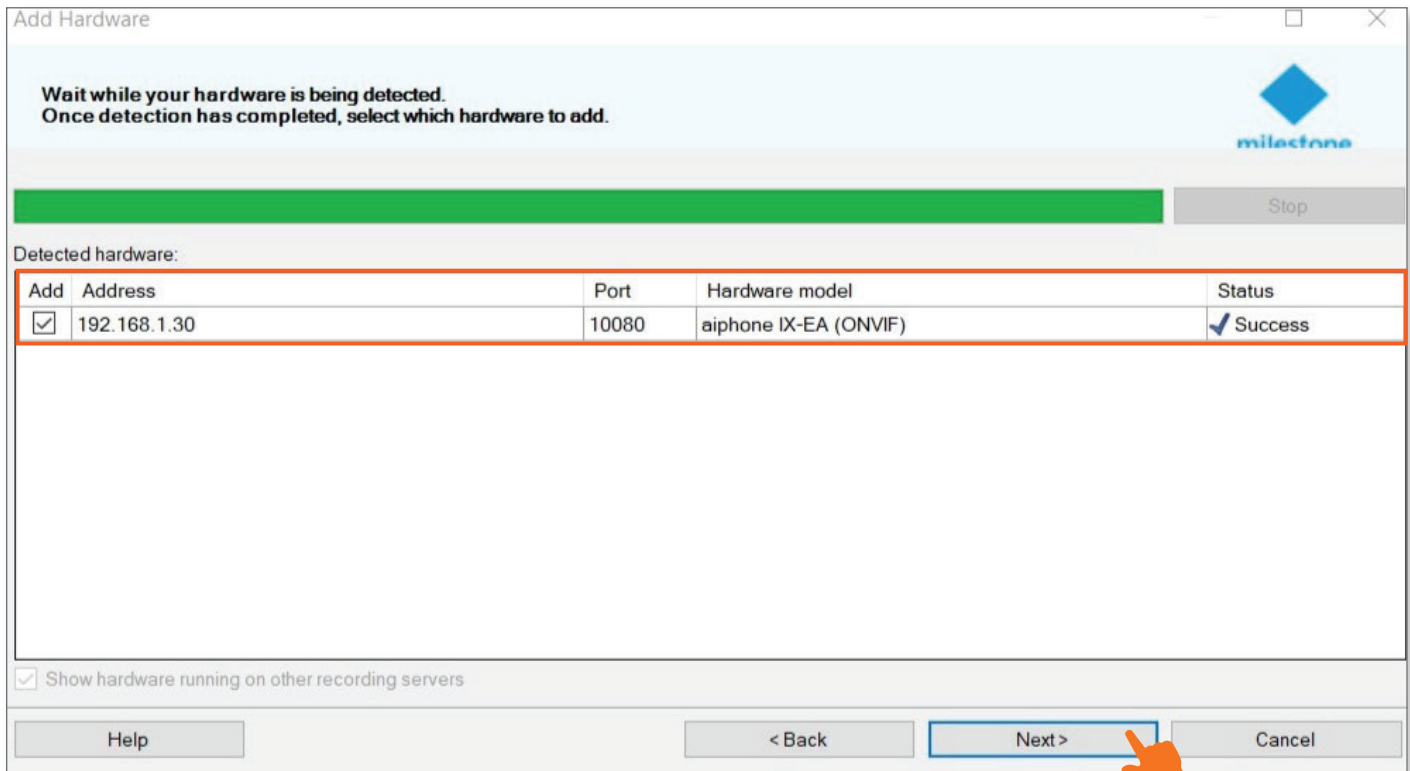
XProtect Management Client Settings *(continued)*

XProtect will add the stations. Once they all show Success under the **Status** column, click Next , then click Next again.
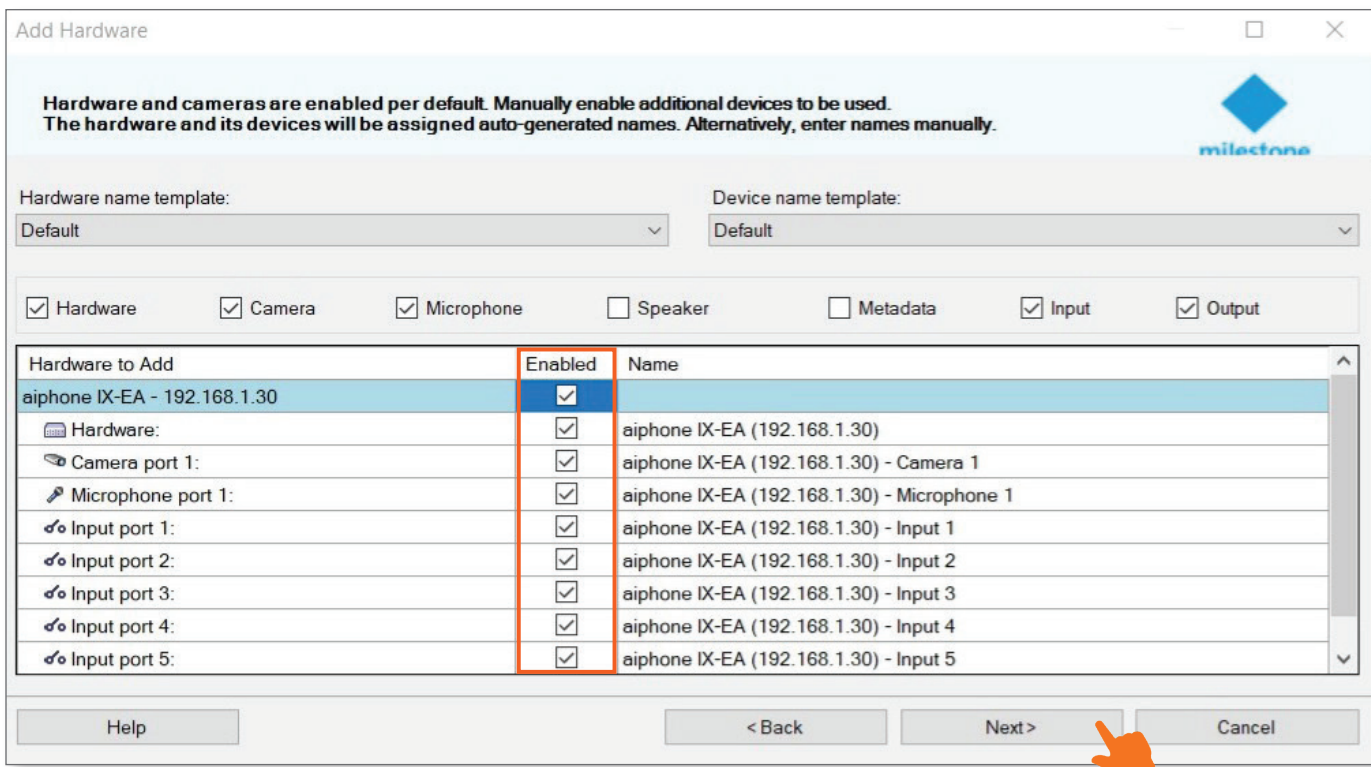
On the next screen, click the check box next to the station under **Enabled** to highlight all features. If multiple stations are being added at once, use the scrollbar on the right and repeat these steps for each station. Once all features are enabled, click Next .

XProtect Management Client Settings *(continued)*

Add the stations and their components to the desired groups. If there are no groups, click the folder next to each line on the left to create a group. For IX | IXG Series stations, there will need to be groups for Camera, Microphone, Input, and Output. Speakers and Metadata do not need to be assigned.

Once everything is configured, click Finish .