

IX Series

Cisco® Unified Communications Manager (CallManager)

GENERAL OVERVIEW:

This document describes the basic configuration for registering IX stations to Cisco CallManager by Cisco Systems Co., Ltd.
**The screenshots in this manual are from Unified Communications Manager 11.5*

Certified IX stations compatible with CallManager versions **10.5 - 12.5** are as follows:
IX-MV7-*, IX-SOFT, IX-RS-*, IX-DV, IX-DVF-*, IX-SSA-*, IX-SS-2G, IX-DA, IX-BA



For configuration of IX Series stations, refer to the IX Series Quick Start Guide or Settings Manuals.
Please refer to the relevant manual provided by Cisco Systems for further CallManager information.

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Frequently Asked Questions

The following are frequently asked questions pertaining to registering IX Series stations to CallManager, available features, and network requirements. All of the following information is expanded on either further into this document, the IX Series Quick Start Guide provided with every station, or the IX Series Network Summary Document and can be found at www.aiphone.com/IX

Communication

IX Series stations are peer-to-peer and do not require a dedicated or cloud-based server for communication. Because of this, IX Series stations do not require Internet access, only a local network connection. IX Series stations may register to CallManager as a 3rd party device to allow two-way audio communication between the station and another registered SIP device. Video-enabled IP phones (soft or physical) may also stream video from video door/sub stations, as well as two-way video conferencing with IX-MV7-* master station.

Compatibility

CallManager: 10.5, 11.0, 11.5, 12.0, and 12.5

IX Series Stations: IX-MV7-*, IX-SOFT, IX-RS-*, IX-DV, IX-DVF-*, IX-SSA-*, IX-SS-2G, IX-DA, IX-BA

Network Information

Addressing: Hostname, IPv4 (default), IPv6 / Static (default), DHCP

SIP Server: Primary, Secondary, and Tertiary servers available

Audio Codec: G.711 (default) / G.722 **Port:** 20000 (start) - 21000

Video: H.264/AVC (default) / MJPEG **Port:** 30000 (start) - 31000

SIP: 5060

More detailed network information and requirements are located in the IX Series Network Summary Document found at www.aiphone.com/IX

Extensions

IX Series stations can be assigned a 1 to 32-digit Station Number (read: extension) in Support Tool, which must match the extension assigned to it in CallManager. *This setting is explained in greater detail later in this document.*

A station may call a single, 1 to 32-digit extension (which can also be a direct phone number, based on CallManager settings). This extension can be that of a single station, or a hunt/call group. If the destination of a call is a hunt/call group, CallManager will then distribute the call to the appropriate group of extensions. *This setting is explained in greater detail later in this document.*

Call Transfer

Call transfers from one IX Series station to another, or to a single SIP extension, is handled by its internal configuration. Call transfers of an IX Series station from an IP phone to another is handled by CallManager.

IX Series stations have three internal call transfer options; Absent, Delayed, and Scheduled. For more information on this feature and its configuration, reference the IX Series Quick Start Guide.

Door Release

IP phones registered to CallManager can activate an IX Series station's relay output used for door release via it's dial pad or a configured soft button (if available). Note that IX Series master stations have their own method of activating door release, which is automatically enabled.

To activate the door release relay output, press the **Authorization Key (code)** while the IP phone is in communication with the station. The door release **Authorization Key** and it's length is determined in programming. *This setting is explained in greater detail later in this document.*

CallManager - Getting Started

The following steps may be configured before the initial programming of the IX Series stations has been completed. However, the registration status of any unconfigured (defaulted) station will show as "unknown".

The MAC address of each station will be needed during Device Registration and may be found by either locating the MAC address sticker on the back of the intercom, or using Support Tool and running a Station Search (Tools > Station Search).

Utilizing either of the methods above, notate the Station Type of each station. The station's type will be referenced throughout this process.

Create a Security Profile

A new security profile will be created for the stations to be registered. If multiple station types are being registered, ensure that the following steps are done for each profile (Basic and Advanced). Rather than editing the existing profile, a copy should be made and a new profile should be saved.

System ▾

Enterprise Parameters

Enterprise Phone Configuration

Service Parameters

Security ▸

Application Server

Licensing ▸

Geolocation Configuration

Geolocation Filter

E911 Messages

Certificate

Phone Security Profile

SIP Trunk Security Profile

CUMA Server Security Profile

1.1 - Phone Security Profile

Using the **System** drop-down, find **Security** and select **Phone Security Profile**.

1.2 - Third-party SIP Device Basic / Advanced

Locate **Find Phone Security Profile** and use the drop-down menu options to select **Name** and **begins with**. Type "third" in the search field, and click **Find**.

Phone Security Profile (1 - 6 of 6)

Find Phone Security Profile where Name ▾ begins with ▾ third
Find
Clear Filter
+
-

| | Name ^ | Description |
|--------------------------|---|---|
| <input type="checkbox"/> | Third-party AS-SIP Endpoint - Standard SIP Non-Secure Profile | Third-party AS-SIP Endpoint - Standard SIP Non-Secure Profile |
| <input type="checkbox"/> | Third-party SIP Device Advanced - Standard SIP Non-Secure Profile | Third-party SIP Device (Advanced) - Standard SIP Non-Secure Profile |
| <input type="checkbox"/> | Third-party SIP Device Advanced - Standard SIP Secure Profile | Third-party SIP Device (Advanced) - Standard SIP Secure Profile |
| <input type="checkbox"/> | Third-party SIP Device Basic - Standard SIP Non-Secure Profile | Third-party SIP Device (Basic) - Standard SIP Non-Secure Profile |
| <input type="checkbox"/> | Third-party SIP Device Basic - Standard SIP Secure Profile | AI Third-party SIP Device (Basic) - Standard SIP Non-Secure Profile |

Add New
Select All
Clear All
Delete Selected

1.3 - Select a Phone Security Profile

IX-MV7-*, IX-SOFT, IX-DV, or IX-DVF-*:
Third-party SIP Device **Advanced** - Standard SIP Non-Secure Profile

IX-RS-*, IX-SSA-*, or IX-SS-2G:
Third-party SIP Device **Basic** - Standard SIP Non-Secure Profile

Creating a Security Profile (cont)

Phone Security Profile Configuration

Save Delete Copy Reset Apply Config Add New

Phone Security Profile Information

Product Type: Third-party SIP Device (Basic)
Device Protocol: SIP
Name* Aiphone Third-party SIP Device Basic - Standard SIP
Description Third-party SIP Device (Basic) - Standard SIP Secure
Nonce Validity Time* 600
Transport Type* TCP+UDP
☒ **Enable Digest Authentication**

Parameters used in Phone

SIP Phone Port* 5060

Save Delete Copy Reset Apply Config Add New

1.4 - Copy

Click the **Copy** button before making any adjustments.

1.5 - Name

Give the new copy a unique name that can be easily found.

1.6 - Digest Authentication

Check the box next to **Enable Digest Authentication** (when required).

1.7 - Apply Configuration

Click the **Apply Config** button.

Registering a User

A unique **User ID** and **Password** will need to be created for each station, as well as a **Last Name** and **Digest Credentials** (when Enable Digest Authentication is checked in the previous step).

User Management ▾

Application User
End User
 User/Phone Add ▾

2.1 - Select End User

Use the **User Management** drop-down and select **End User**.

Find and List Users

+ Add New

2.2 - Add New

Click **Add New**

Save

User Information

User Status Enabled Local User
User ID* AiphoneIXDV
Password
Confirm Password
Self-Service User ID
PIN
Confirm PIN
Last name* Front Door Intercom
Middle name

Associated PC/Site Code
Digest Credentials
Confirm Digest Credentials

3.3 - User Information

User ID

Create a unique User ID for the station.

Password/Confirm Password

Create a password for the station.

Last Name

This may reflect the station's name in Support Tool, or any other unique identifier.

Digest Credentials/Confirm Digest Credentials

Provide the station with Digest Credentials (required when Enable Digest Authentication is checked)

2.4 - Save

Click **Save** at the top of the page.

Registering a Station - Adding a new Device

Each station will need to be registered as a Third-party SIP Device, selecting Advanced or Basic depending on station type.

Device ▼

CTI Route Point
Gatekeeper
Gateway
Phone
Trunk
Remote Destination
Device Settings ▶

3.1 - Select Phone

Use the **Device** drop-down and select **Phone**.

Find and List Phones

Add New

Phone

Find Phone where Device Name ▼ begins with ▼ Find Clear Filter

Select item or enter search text ▼

Add New

3.2 - Add New

Click **Add New**

Add a New Phone

Next

Status

Status: Ready

Select the type of phone you would like to create

Phone Type* Third-party SIP Device (Advanced) ▼

Next

3.3 - Select a Phone Type

IX-MV7-*, IX-DV, or IX-DVF-*:
Third-party SIP Device Advanced- Standard SIP Non-Secure Profile

IX-RS-*, IX-SSA-*, or IX-SS-2G:
Third-party SIP Device Basic - Standard SIP Non-Secure Profile

3.4 - Next

Click **Next**.

Note:



If a video intercom (IX-MV7-*, IX-DV, or IX-DVF-*) is given a **Basic** security profile, video will not stream to compatible IP Phones.

Registering a Station - Device and Protocol Information

The following are the required settings needed to register a station. However, other settings under [Device Information](#) and [Protocol Information](#), such as **Device Pool**, **Calling Search Space**, **Location**, etc may need to be adjusted based on the existing configuration of the Call Manager environment.

Save

Device Information

| | |
|--|---|
| MAC Address* | 000BAA2F0249 |
| Description | Aiphone Front Door Intercom |
| Device Pool* | Default |
| Common Device Configuration | < None > |
| Phone Button Template* | Third-party SIP Device (Advanced) |
| Common Phone Profile* | Standard Common Phone Profile |
| Calling Search Space | < None > |
| AAR Calling Search Space | < None > |
| Media Resource Group List | < None > |
| Location* | Hub_None |
| AAR Group | < None > |
| Device Mobility Mode* | Default |
| Owner | <input checked="" type="radio"/> User <input type="radio"/> Anonymous (Public/Shared Space) |
| Owner User ID* | AiphoneIXDV |
| Mobility User ID | < None > |
| Use Trusted Relay Point* | Default |
| Always Use Prime Line* | Default |
| Always Use Prime Line for Voice Message* | Default |
| Geolocation | < None > |

↓
Scroll Down

↓
Scroll Down

Protocol Specific Information

| | |
|----------------------------------|--|
| BLF Presence Group* | Standard Presence group |
| MTP Preferred Originating Codec* | 711ulaw |
| Device Security Profile* | Aiphone Third-party SIP Device Basic - Standard SI |
| Rerouting Calling Search Space | < None > |
| SUBSCRIBE Calling Search Space | < None > |
| SIP Profile* | Standard SIP Profile View Details |
| Digest User | FrontDoor0001 |

☐ Media Termination Point Required
☐ Unattended Port
☐ Require DTMF Reception

4.1 - Device Information

MAC Address

The MAC address can be found on a sticker on the back of the intercom, or using Support Tool and running a Station Search (*Tools > Station Search*).

Phone Button Template

IX-MV7-*, IX-DV, or IX-DVF-*

Third-party SIP Device Advanced- Standard SIP Non-Secure Profile

IX-RS-*, IX-SSA-*, or IX-SS-2G

Third-party SIP Device Basic - Standard SIP Non-Secure Profile

Owner User ID

The **User ID** created in step 3.3 on page 3.

4.2 - Protocol Specific Information

Device Security Profile:

Match this profile with the profile created in step 2.1 on pages 2-3.

IX-MV7-*, IX-DV, or IX-DVF-*

Third-party SIP Device Advanced- Standard SIP Non-Secure Profile

IX-RS-*, IX-SSA-*, or IX-SS-2G

Third-party SIP Device Basic - Standard SIP Non-Secure Profile.

SIP Profile:

Select **Standard SIP Profile**.

Digest User:

The **User ID** created in step 3.3 on page 3.

4.3 - Save

Click **Save** at the top of the page.

Registering a Station - Directory Number









The final step is assigning a **Directory Number (DN)** to the station. The DN should match the **Station Number** of the station represented in Support Tool.

If the station has been configured prior to registration, it can be found by clicking *Station Information > Identification* on the left-hand side menu of Support Tool. If the station has yet to be configured, the DN should not exceed 5 digits, as that is the maximum length allowed for a station number in Support Tool. (Step 1.2, page 8)

The following are the required settings needed to register an Aiphone station. However, other settings under Directory Number Information and Directory Number Settings, such as **Route Partition**, **Description**, **Alerting Name**, etc, may need to be adjusted based on the existing requirements of the CallManager environment.


Association

Modify Button Items

| | | |
|---|---|---|
| 1 |  | Line [1] - Add a new DN |
| 2 |  | Line [2] - Add a new DN |
| 3 |  | Line [3] - Add a new DN |
| 4 |  | Line [4] - Add a new DN |
| 5 |  | Line [5] - Add a new DN |
| 6 |  | Line [6] - Add a new DN |
| 7 |  | Line [7] - Add a new DN |
| 8 |  | Line [8] - Add a new DN |

5.1 - Line [1]

Select **Line [1] – Add a new DN.**

 Save

Directory Number Information

Directory Number*

Route Partition

Description

Alerting Name

ASCII Alerting Name

External Call Control Profile

☒ Active

Directory Number Settings

Voice Mail Profile

Calling Search Space

BLF Presence Group*

User Hold MOH Audio Source

Network Hold MOH Audio Source

☐ Reject Anonymous Calls

5.2 - Directory Number

Directory Number

The Directory Number must match the Station Number assigned to the station in step 1.2 on page 7.

BLF Presence Group

Select **Standard Presence Group.**

Maximum Number of Calls


Should not be set greater than 2.


Busy Trigger

Must be set to 1.

5.3 - Save

Click **Save** at the top of the page.





Multiple Call/Call Waiting Settings on Device SEP000BAA2F0243

Note: The range to select the Max Number of calls is: 1-16

Maximum Number of Calls*

Busy Trigger*

For more details about the features and information above, please contact Technical Support.

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Support Tool - Getting Started

Proceed with the following steps only once the initial programming of the IX Series system and it's stations has been completed. The IX Series Quick Start Guide is provided with each station, and can be found under Literature at www.Aiphone.com/IX.

| | |
|--|--------------------------|
| ID | <input type="text"/> |
| Password | <input type="password"/> |
| <input type="button" value="Login"/> <input type="button" value="Cancel"/> | |

Default Login Information

ID: admin
Password: admin

Setting Station Information

Each station's Station Number should be set to the Directory Number (Step 5.2, page 7) assigned to it in CallManager.

For extensions larger than 5-digits, first expand **Station Information** and click **Expanded System** from the left hand side menu. Here, the system can be placed into **Expanded Mode**, allowing extensions from 1-32 digits in length, by clicking **Enable**. To continue to assigning a Station Number/Extension to the stations, click **Identification**.

- Station Information
 - Identification**
 - ID and Password
 - Time
 - Expanded System
- Network Settings
- System Information
- Call Settings
- Option Input / Relay Output
- Paging Settings
- Function Settings
- Transfer Settings
- Station Settings
- Maintenance

"Expanded System" is a common setting.
An "Expanded System" cannot change from "Enable" to "Disable".
If the system contains IX-MV, "Expanded System" cannot be set to "Enable".

Expanded System ☒ Enable ☐ Disable

| Station Information | | | | |
|---------------------|--------|----------------|----------|-------------------|
| Identification | | | | |
| # | Number | Name | Location | Station Type |
| 0001 | 0586 | Security Desk | | IX-MV7-* |
| 0002 | 4595 | Front Door | | IX-DV, IX-DVF(-*) |
| 0003 | 9877 | Parking Garage | | IX-SS-2G |

Note:

Stations must be firmware v3.0 or newer with Support Tool v6.0 or newer to utilize Expanded Mode.

Click Update to save your settings.

If the Station Number and Directory Number do not match the station will be **Rejected** when it attempts to register.

Adding SIP Server Information

From the left hand side menu, expand **Network Settings**, and click **SIP**.

Each station's **End User ID / Password** and the primary SIP server's network information is entered here. Secondary and Tertiary SIP server information is found by scrolling to the right on this screen.

- Station Information
- Network Settings
 - IP Address
 - DNS
 - SIP**
 - Multicast Address
 - Video
 - Audio
 - Packet Priority
 - NTP

| Station Information | | | Network Settings | | | |
|---------------------|---------------|-------------------|------------------|----------|--------------|------|
| Identification | | | SIP | | | |
| Number | Name | Station Type | Primary Server | | | |
| | | | ID | Password | IPv4 Address | Port |
| 0586 | Security Desk | IX-MV7-* | AiphoneMV7 | ***** | 172.10.2.254 | 5060 |
| 4595 | Front Door | IX-DV, IX-DVF(-*) | AiphoneIXDV | ***** | 172.10.2.254 | 5060 |
| 9877 | Parking Garag | IX-SS-2G | AiphoneIXSS | ***** | 172.10.2.254 | 5060 |

Primary Server

Enter the **ID** and **Password** given to each station when creating its **End User** profile (page 3). Also enter the subscriber IP Address of Call Manager under **IPv4/IPv6**.

Click Update to save your settings.

For more details about the features and information above, please contact Technical Support.

VoIP Phone Registration

Each station may have a single SIP call-in destination, whether that destination is an IP Phone or a call/hunt group's extension, however, multiple stations may call the same SIP extension. *Extensions within the hunt/call group do not have to be added to this list.*

From the tool bar at the top of the screen, click **Edit(E)** and select **VoIP Phone List**.

IX Support Tool - [VoIP Phone Registration]

Language(V) Tools(T)

- Table View
- Station View
- Master Station Address Book
- VoIP Phone List**
- Register Network Camera
- Network Camera Integration
- Master Station Group Settings
- Door Station Group Settings

VoIP Phone Registration

Location Registry To delete VoIP Phone, all line items must be blank.

| Station List Text in red are required settings. | | | |
|--|--------|-----------|----------|
| # | Number | Name | Location |
| 0001 | 7548 | Reception | |
| 0002 | | | |
| 0003 | | | |
| 0004 | | | |
| 0005 | | | |
| 0006 | | | |

Update
Cancel

Number and Name

Enter the DN of the IP Phone or Hunt Group destinations. *IX Stations should not be added to this list.*

Update

Click Update to save.

Calling an IP Phone (Door / Sub Station)

Once an IP Phone or Hunt Group has been added to Support Tool it may be set as a call destination. Note that multiple stations can call to the same extension, but each station may only call one extension.

Expand **Call Settings**, and click **Called Stations** (Door/Sub Stations).

Call Settings

- Station Information
- Called Stations (Master Station)
- Called Stations (Door/Sub Station)**
- Call Origination
- Incoming Call
- Option Input / Relay Output Settings
- Paging Settings
- Function Settings

| Station Information | | | Call Settings | |
|---------------------|----------------|-------------------|-------------------------------------|-------------------------------|
| Identification | | | Called Stations (Door/Sub Stations) | |
| Group 01 | | | Number / Name / Station Type | |
| | | | 0586 / Security Desk / IX-MV7-* | 7548 / Reception / VoIP Phone |
| 4595 | Front Door | IX-DV, IX-DVF(-*) | U | U |
| 9877 | Parking Garage | IX-SS-2G | U | |

Finding the IP Phone or Group

Scroll right to find the column of the **VoIP Phone** to be called by the Door / Sub station.

Enabling the Call

Use the drop-down option under the desired IP Phone or group and select "U".

Click **Update** to save your settings. Update

Note:

Settings will not take effect until the setting files have been uploaded to the stations. Refer to page 12 of this guide for the procedure of uploading the settings.

Configuring Door Release (Optional)

IX Series stations have two built-in relay outputs, with **Relay Output 1 enabled and set for door release by default**. 3rd Party IP Phones can activate this output using dial-pad commands with some minor adjustments to the default configuration. *Repeat this process for each station.*

At the top of the screen, click on **Station View**. Once in **Station View**, expand **Option Input / Relay Output**, and click **Relay Output**.

Station View

- Station Information
- Network Settings
- System Information
- Call Settings
- Option Input / Relay Output Set
 - Option Input
 - Relay Output**
- Paging Settings
- Function Settings

Station Number: 4595
Station Name: Front Door
Location:
Station Type: IX-DV, IX-DVF(-*)

Select Station to Edit
Type: All
Number: 4595

Previous Select Next

• **Relay Output**

Relay Output #

Relay Output 1

Door Release Authorization

9

Authentication Key (*) 1-20digits.

Select a Station

At the top right of the screen, use the drop-down menu under **Select Station to Edit** to choose the first door station to configure, then click **Select**.

Authentication Key

Find **Door Release Authorization** and **Authentication Key**. This key is the number(s) that will be used to activate the relay for door release. Replace the default 4 to 20 digit key with the desired access code.

Click **Update** to save your settings. Update

Door Release from an IP Phone or Mobile Phone

IX Station Firmware v 3.0 or newer: To activate door release from an IP phone, press the **Door Release Authorization number** while in communication with the door station.

If the **Door Release Authorization Authentication Key** is adjusted from its default value by following **steps 5.1 to 5.3** above, this new key must be set for any IX Series Master Station (IX-MV / IX-MV7-*) part of the system. *Repeat this process for each Master Station.*

While still in **Station View**, expand **Function Settings**, and click **Door Release**.

Station View

- Function Settings
 - Door Release**
 - Network Camera Integra
 - Paging Settings
 - Bathroom Call
 - Email
 - CGI
 - SIF

Station Number: 0586
Station Name: Security Desk
Location:
Station Type: IX-MV7-*

Select Station to Edit
Type: All
Number: 0586

Previous Select Next

• **Door Release**

Door Release Assignment

| Station List | Contact Assignment | Authentication Key |
|--|---------------------|--------------------|
| 0001 / 4595 / Front Door / / IX-DV, IX-DVF(-*) | Destination Station | 9 |
| 0002 / 9877 / Parking Garage / / IX-SS-2G | Destination Station | 9 |

Select a Station

At the top right of the screen, use the drop-down menu under **Select Station to Edit** to choose the first door station to configure, then click **Select**.

Authentication Key

Find **Door Release Authorization** and **Authentication Key**. Replace the default value with the key created in **step 4.3**.

Click **Update** to save your settings. Update

Video Settings

Video is streamed by an IX station to an IP Phone during communication by default. However, depending on the IP Phone, the H.264 profile may need to be adjusted to do so. *Note that this setting change will not affect the video quality.*

On the left-hand menu, expand **Network Settings**, and click **Video**.

- Station Information
- Network Settings
 - IP Address
 - DNS
 - SIP
 - Multicast Address
 - Video**
 - Audio
 - Packet Priority
 - NTP

| Station Information | | | Network Settings | | |
|---------------------|---------------|-------------------|------------------|------------------|------------------------------|
| Identification | | | Video | | |
| Number | Name | Station Type | Video Encoder 1 | | |
| | | | Resolution | Frame Rate [fps] | Select Profile [H.264 / AVC] |
| 0586 | Security Desk | IX-MV7-* | | | |
| 4595 | Front Door | IX-DV, IX-DVF(-*) | 640x480(VGA) | 15 | Baseline |

Video Profile

Select the H.264 profile. *Baseline is the most commonly used.*

Click **Update** to save your settings.

Update

Configuring a Door Station Call Button to Answer an Incoming Call (Optional)

Auto-answer is not available for incoming SIP calls to a door or sub station. To answer an incoming call, the call button will need to be configured to also answer an incoming call and ending communication.

At the top of the screen, click on **Table View**. Once in **Table View**, expand **Call Settings** on the left-hand menu, and click **Station Information**.

- Station Information
- Network Settings
- System Information
- Call Settings
 - Station Information**
 - Called Stations (Master S
 - Called Stations (Door/Su
 - Call Origination
 - Incoming Call

| Station Information | | | | Call Settings |
|---------------------|--------|----------------|-------------------|--------------------------------------|
| Identification | | | | Station Information |
| # | Number | Name | Station Type | Call Button Function |
| 0002 | 4595 | Front Door | IX-DV, IX-DVF(-*) | Call, Answer Call, End Communication |
| 0003 | 9877 | Parking Garage | IX-SS-2G | Call |

Button Function

Use the drop-down menu to select **Call, Answer Call, End Communication**.

Click **Update** to save your settings.

Update

Note:



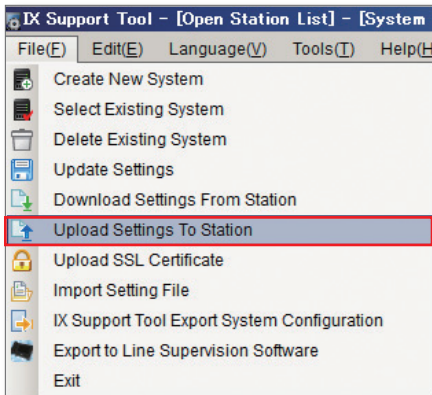
Settings will not take effect until the setting files have been uploaded to the stations. Refer to page 12 of this guide for the procedure of uploading the settings.

For more details about the features and information above, please contact Technical Support.

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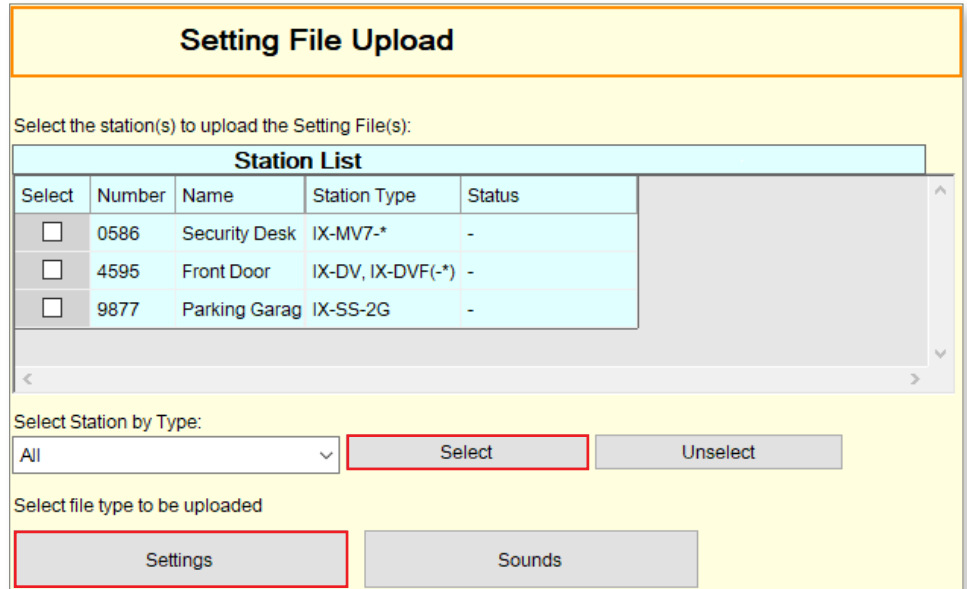
Upload Settings to Stations

The final step after configuring new settings, or making changes to existing settings, is to upload the setting file to all stations. If the setting files are not uploaded, any changes made in Support Tool will not be reflected on the station(s).



Upload Settings To Station

From the menu bar, select **File(F)** then **Upload Settings To Station**.



Select Stations

Click **Select** to check all stations in the system.

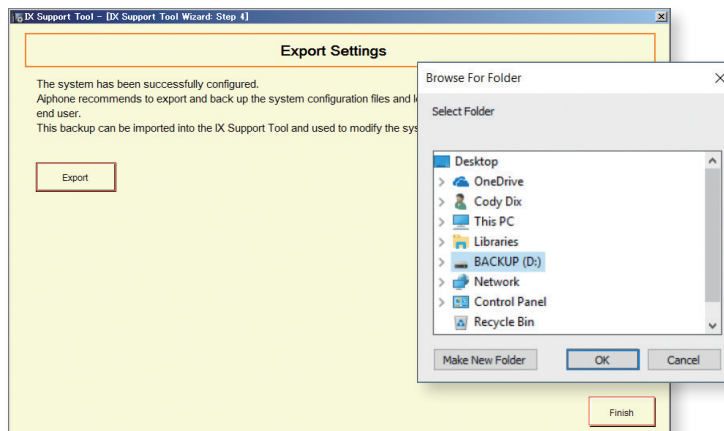
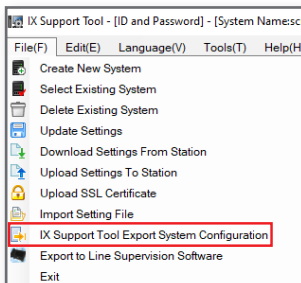
Upload Settings

Click **Settings** to begin the upload process.

Export Settings

A copy of the system's setting file should be exported to a secure location or external drive. This step is critical for the ongoing maintenance this system. If settings are to be changed in the future, or new stations are to be added, this file is required to do so.

To export the file, click on **File(F)** at the top of the screen and select **IX Support Tool Export System Configuration**.



Export

Click **Export** to select a location to save the system's setting file.

Select Folder

Select location to save the file then click **OK**.

Finish

Lastly, once the setting file has been saved, click **Finish**.