

IX SERIES

IXW-MA-SOFT Programming Guide



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ATTENTION:

This is an abbreviated programming manual addressing basic IXW-MA program settings using IX Support Tool. A complete set of instructions (*IX Web Setting Manual / IX Operation Manual / IX Support Tool Setting Manual*) can be found at www.aiphone.com/IX.

Adding an IXW-MA to an Existing System

Getting Started

The IXW-MA is an IP relay with 10 configurable outputs that can be remotely triggered by a station based on its **Contact Change** settings. Typically, these outputs are used for remote door release or to activate signaling devices. If the IXW-MA wasn't part of the original system configuration, it will need to be added. If the IXW-MA is already part of the system, continue to page 4.

Step 1: Opening the System Configuration Settings

From the top menu bar, click **Tools(T)** and select **System Configuration**.

					System Conf	iguration			
Station Search	1 Selec	t the setting	file to be linked with the	chosen station:					
Association Settings	1. 36160	t the setting		chosen station.					
-					Station Settir	igs List			
station Replacement	Select	Number	Name	Location	Station Type	Hostname	IP Address	Associated	1
Restore System Settings		101	IX-MV7-HB		IX-MV7-*		192.168.1.10	Yes	
lestore bystern bettings		102	IX-MV7-B		IX-MV7-*		192.168.1.11	Yes	
vstem Configuration		103	IX-MV		IX-MV		192.168.1.12	Yes	
,		201	IX-DV		IX-DV, IX-DVF(-*)		192.168.1.13	Yes	
		202	IX-DA		IX-DA, IX-DF(-*)		192.168.1.14	Yes	
		301	IX-SS-2G		IX-SS-2G		192.168.1.15	Yes	
		302	IX-RS		IX-RS-*		192.168.1.16	Yes	
	< Advan	ced Settings	3					System Management	Adding a Station
			Address Book		D	oor Release		Add New Station	Click Add Now Stati
			Station Details		Batch IP A	ddress Configu	ration	Station Removal	Click Add New Stati

Step 2: Adding a New Station

The Add New Station window will open. Use this screen to add one or more IXW-MA stations.

			Add N	ew Station			Station Type
Select Static Up to 50 sta	on Type a Itions can	nd enter the number of be added at a time.	stations, the	n click "Add".			Select the IXW-MA using the <u>Station</u> <u>Type</u> drop-down and enter the quantity of IXW-MAs to be added. Click Add .
Station Type	е	IXW-MA		~ 1	Station(s) Add		
			Station	Information	Text in red are required settings	1	Station Information
Number	Name		Location	Station Type	rextillied are required settings.	^	Edit the station Number and Name for
401	IXW-MA	A		IXW-MA			the new IXW-MA(s).
<					2		· · · · · · · · · · · · · · · · · · ·
, 						_	Add
					OK Cancel		Click Ok to add the station.

The new IXW-MA(s) will appear in the Station Settings List with station number and name set in the Add New Station window.

A default IP address of 192.168.1.10 (.11 for the second, .12 for the third, and so on) will be given to the station when added. This IP address can be edited by clicking **Station Details** from the Advanced Setup section below.

Advanced Settings		System Management
Address Book	Door Release	Add New Station
Station Details	Batch IP Address Configuration	Station Removal

Adding an IXW-MA to an Existing System

Step 3: Association

The station information created in the previous step will now need to be associated to a station found on the network.

			Station Settin	gs List				Station Setting List
Select Number	Name	Location	Station Type	Hostname IP Ad	Idress	Associated	1	Otation Octang List
0 101	IX-MV7-HB		IX-MV7-*	192.1	168.1.10	Yes		Select the IXW-MA from the top Station
0 102	IX-MV7-B		IX-MV7-*	192.1	168.1.11	Yes		Settings List
0 103	IX-MV		IX-MV	192.1	168.1.12	Yes		Octango List.
201	IX-DV		IX-DV, IX-DVF(-*)	192.1	168.1.13	Yes		
202	IX-DA		IX-DA, IX-DF(-*)	192.1	168.1.14	Yes		
301	IX-SS-2G		IX-SS-2G	192.1	168.1.15	Yes		Station List
302	IX-RS		IX-RS-*	192.1	168.1.16	Yes		
401	IXW-MA		IXW-MA	192.1	168.1.17	-		Select the IXW-MA found on the network
Advanced Setting:	S					System Manage	ment	show on the <u>Station List</u> .
	Address Book		De	oor Release		Add I	New Station	Associate
	Station Details		Batch IP Ad	ddress Configuration		Statio	on Removal	
2. Select the statio	on to associate with the se	etting file.						Click Apply to associate the station setting to the station
	AC address:			Different Networks				
Coerch and and	AC dudiess.	tangle			Ctation Con		1	
 Search and sel 	ect station within local ne	RWOTK:			Station Sea		······································	
	1	17.52	Station L	ist		_		
Select Number	Name	Location	Station Type	MAC address	Associated		1	
101	IX-MV7-HB		IX-MV7-*	00:0B:AA:2F:02:DB	Yes			
102	IX-MV7-B		IX-MV/-*	00:0B:AA:2F:02:1A	Yes			
0 103	IX-MV		IX-MV	00:0B:AA:17:1B:BA	Yes			
0 201	IX-DV		IX-DV, IX-DVF(-*)	00:08:AA:27:08:E7	Yes			
0 301	IX-55-2G		IX-55-2G	00.0B.AA2C.01.DC	Yes			
0 302	IX-RS		IX-RO-	00:0B:AA:16:24:D6	Yes			
202	IX-DA		IX-DA, IX-DF(-")	00:0B:AA:10:34:D0	Tes			
Apply		Associate Automatically					Station Search	
	+						+	
\subset	Scroll Down					Sc	roll Down	
	★						*	
tation(s) that have	been associated with a s	setting file are listed b	elow.					Status
			Associated Stat	tions List				
Select Number	Name	Location	Station Type	IP Address	MAC address	Status		Confirm that the IXW-MA(s) has been
101	IX-MV7-HB		IX-MV7-*	192.168.1.10	00:0B:AA:2F:0	2:DB Success		successfully associated in the Status colum
102	IX-MV7-B		IX-MV7-*	192.168.1.11	00:0B:AA:2F:0	2:1A Success		This may take soveral minutes If Success
103	IX-MV		IX-MV	192.168.1.12	00:0B:AA:17:1	B:BA Success		This may take several minutes. If Success
301	IX-SS-2G		IX-SS-2G	192.168.1.15	00:0B:AA:2C:0	1:DC Success		shown, click Next
201	IX-DV		IX-DV, IX-DVF(-*)	192.168.1.13	00:0B:AA:27:0	B:E7 Success		
202	IX-DA		IX-DA, IX-DF(-*)	192.168.1.14	00:0B:AA:16:3	4:D6 Success		
302	IX-RS		IX-RS-*	192.168.1.16	00:0B:AA:2D:0	00:14 Success		
401	IXW-MA		IXW-MA	192.168.1.17	00:0B:AA:2E:0	0:01 Success		
<							>	
Remove							Retry Association	
Association							Total Pasociation	
					Back	Next	Cancel	

The associated IXW-MA(s) will now have its Station Name and IP address, but no other settings at this time. Continue with the configuration process and upload to **ALL** stations before testing.

IXW-MA Settings with IX Series Stations

Getting Started

The following steps detail the configuration for using the outputs of the IXW-MA for door release.

Step 1A: SIF Settings for IX Series Stations (IX-MV7-*, IX-DV, IX-DVF-*, IX-SS-*, IX-SSA-*, and IX-RS-*)

Use the following steps to configure the SIF settings needed for IX Series stations. Refer to page 5 for the configuration of IX Series 1 stations (IX-MV, IX-DA, IX-BA).

Expand Function Settings on the left-hand side menu and select SIF. The SIF event trigger for door release is sent by the door station, so the following steps use door stations as examples.

		Station I	nformation			Function Settings							
Table View		Identifica	ation			SIF							
	#							No.01					
Chating Minus		Number	Name	Location	Station Type	SIF Functionality	SIP URI Format	SIF Settings					
Station view								Program Type	IPv4	IPv6	Destination Port	SSL	Connection
	0001	0001	Master Stations1		IX-MV7-*	Disable	Disable						
Network Settings	0002	0002	Master Stations2		IX-MV7-*	Disable	Disable						
System Information	0003	0003	Master Stations3		IX-MV	Disable							
Call Settings	0004	0004	Video Stations1		IX-DV, IX-DVF(-*)	Enable	Disable	0100	192.168.1.17		65014	Enable	Socket
Option Input / Relay Output Settir	0005	0005	Video Stations2		IX-DA, IX-DF(-*)	Disable							
Paging Settings	0006	0006	Audio Stations1		IX-SS-2G	Enable	Disable	0100	192.168.1.17		65014	Enable	Socket
- Function Settings	0007	0007	Handset Sub Station1		IX-BS-*	Disable	Disable						
Door Release	0008	0008	I/O Adaptor1		IXW-MA	Disable	Disable						
Network Camera Integration	10000	0000	10 Adaptor 1		DATE MAY	Disabic	Disable						
Bathroom Call													
Email	eir		otionality		Enabl	o for oor	h atation	intoro	ting wi	th t			
CGI	31	- rui	ictionality	•	Enabi	e ioi eau	in station	Interac	ung wi	ιιι		IVIA	
SIF	Pre	ogra	m Type:		0100	for each	station						
Record	ID.				Entor	the ID or	droce o	f tha IV	A/ N/A				
Communication Audio Mess					LIIIEI	uie ir au	uiess o						
Chime	De	stina	ation Port:		65014	ŀ							
CSR	92	1 ·			Enabl	ьd							
SSL Certificate	00	_ .				cu							
IEEE 802.1X	Co	nne	ction:		Socke	et							
Display Mode													

While still on the Function Settings > SIF screen, scroll right to find Change Contact.

	croll Righ					Scroll Right			
	Station Info	rmation			Function	on Settings		Text in red a	re required settings.
	Identificatio	n			SIF				
#					No.01				
	Number	Name	Location	Station Type	Transr	nission Trigger			
					Call	Begin Communication (Source)	Door Release Indication	End Communication	Change contact
0001	101	IX-MV7-HB		IX-MV7-*					
0002	102	IX-MV7-B		IX-MV7-*					
0003	103	IX-MV		IX-MV					
0004	201	IX-DV		IX-DV, IX-DVF(-*)					
0005	202	IX-DA		IX-DA, IX-DF(-*)					
0006	301	IX-SS-2G		IX-SS-2G					
0007	302	IX-RS		IX-RS-*					
8000	401	IXW-MA		IXW-MA					

Change Contact	Update	Important
Check the <u>Change Contact</u> box for each door station that will interact with the IXW-MA.	Click Update to save the SIF and Change Contact settings.	If there are no Legacy IX Series stations, skip to page 6 to continue the programming process.

IXW-MA Settings with Legacy IX Series Stations

Getting Started

The following steps detail the configuration for using the outputs of the IXW-MA for door release.

Step 1B: SIF Settings for Legacy IX Series Stations (IX-DA, IX-BA, IX-MV)

Use the following steps to configure the SIF settings needed for legacy IX Series stations. Refer to page 4 for the configuration of current IX Series stations.

A line of code will need to be written, then uploaded, to allow legacy IX Series stations (*IX-DA, IX-BA, IX-MV*) to interact with the IXW-MA. Open a plain text editor, like Notepad. In the text editor, type the following information.

Example .ini File:	Untitled - N	otepad			_		×
	File Edit For	mat View Help					_
	0100,19	92.168.1.17	7,65014,1				^
	Program	IXW-MA IP Address	Destination SSL				
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						_ v
	<						
		Ln 1, Col 1	100%	Windows (CRLF)	UTF-	8	

Program Type: IXW-MA IP Address: Destination Port: SSL Y/N : Always use IP address associated in Support Tool to the IXW-MA Always use Always use

The file must be saved with an .ini extension, which is typically not found using the **Save as Type** drop-down menu of the text editor. To do this, type in ".ini " at the end of the file name. There is not a required file name, but for clarity, the example will show the file being saved as "SIF.ini".

File <u>n</u> ame:	SIF.ini	•
Save as <u>t</u> ype:	Text Documents (*.txt)	•
💽 <u>B</u> rowse Folders	Encoding: ANSI	

Save this file to an easily accessible location on the PC, as it will be uploaded to the stations in the next step.

Important

Legacy IX Series stations require firmware v2.1 or higher to be compatible with the IXW-MA. To check the latest version of firmware, go to **Tools(T)** on the top menu of Support Tool and select **Station Search**. Here, the firmware version of every station found on the network will be displayed.

IXW-MA Settings with Legacy IX Series Stations

Step 2B: SIF Settings for Legacy IX Series Stations

Next, the newly created .ini file will be uploaded to each station. In the case of door release, only door stations are required to receive this file, as the SIF command for door release comes from the door station and **not** the master station.

From the left hand side menu, expand **Function Settings** and select **SIF**. Once on the SIF screen, click the **Station View** button at the top of the screen.

Station View	Station Number:	202		:	Select Station to I	Edit	Select Station
	Station Name:	IX-DA		Type:	AI	~	Use the Number dron-down under Select
Function Settings	Location:			Number:	202	~	Station to Edit and choose an IX Series 1
Door Release Network Camera Integration	Station Type:	IX-DA, IX-DF(-*)		Previous	Select	Next	door station. Click Select and ensure that
- Paging Settings							the correct station is shown in upper left of th
Bathroom Call							screen.
Email	<						
CGI	-						
SIF							SIF Settings
Record	• SIF						J
Communication Audio Mess	SIF Function	onality	Enable	O Disable			From the menu on the left expand
Chime	CID LIDIE	armot	C Epoble	Dischlo			Function Settings and select SIF
Con	SIFURIFO	Jinat		Disable			i unction octangs and select on .





Scroll down until SIF File Management is displayed.

Station Number:	202			Select Station to E	dit	
Station Name:	IX-DA		Type:	All	~	Copy to all stations
ocation:			Number:	202	~	 Copy to stations by
Station Type:	IX-DA, IX-DF(-*)		Previous	Select	Next	Settings: Ne
SIF File I	Management	sif.ini) C:\Users\Jasen Dunr	1\Documents\SIF.ini			Browse Upload
SIF File I	Management	if.ini) C:UsersVasen Dunr Download	NDocuments\SiF.ini			Browse Upload

File Selection	Upload	Update	Important
Click the Browse button and select the .ini file that was created in Step 1B.	Upload the selected file to the station.	Click Update to save the SIF setting changes.	Return to Table View for the remaining steps.

IXW-MA Relay Output Settings

Step 1: Configuring Relay Output Settings

From the left hand side menu, expand <u>Option Input / Relay Output Settings</u> and select <u>Relay Output</u>. Then, use the <u>Display</u> <u>Settings</u> drop-down menu at the top of the page to select one of the 10 relay outputs to configure.

Table View	R	wc	Previous	N	ext	[Di	splay Settings]	[Weekly Schedule]
	Ente				Display			Schedule View Ad
Station View	Numt	per of Notes:6	1. Contact 2. When se	Chan et to bl	ge SIF Event is a lank, it will perfor	ssociated with C m in association	hange Contact of Relay O with the contact change o	utput 1 from SIF Origi f Relay Output 1 on a
⊕ Call Settings		Station Info	rmation			Option Input / R	elay Output Settings	
Option Input / Relay Output Se		Identificatio	n			Relay Output		
···· Option Input	#					Relay Output 1		
Relay Output		Number 🔺	Name	Loc	Station Type			
Paging Settings						Name	Function	
Punction Settings Door Release	0001	101	IX-MV7-HB		IX-MV7-*		Door Release	
Network Camera Integrati	0002	102	IX-MV7-R		IX-M\/7-*		Door Release	
Paging Settings	0002	102				_	Door Release	
Bathroom Call	0003	103	IX-IVIV		IX-IVIV		Door Release	
Email	0004	201	IX-DV		IX-DV, IX-DVF(-		Door Release	
CGI	0005	202	IX-DA		IX-DA, IX-DF(-*)		Door Release	
SIF	0006	301	IX-SS-2G		IX-SS-2G		Door Release	
Record	0007	302	IX-RS		IX-RS-*		Door Release	
Communication Audio Me Chime	0008	401	IXW-MA		IXW-MA		Contact Change SIF E	vent

Function Use the Function drop-down menu to select Contact Change SIF Event for the IXW-MA.

While still on the Relay Output screen, scroll right until Contact Change SIF Event under Relay Output 1 is displayed.

Station Inf	ormation			Option Inp	ut / Relay Output	Settings	;	Text in red are required settings.
Identificati	on			Relay Out	put			
				Relay Out	tput 1		Relay Output 1 (Output Time is val	id when Relay Output function is
Number	Name	Loc	Station Type	Contact Change SIF Event			a hutzus Bassa	
				Number	Station List	Option Relay Control	Output Time Range	Output Time
101	IX-MV7-HB		IX-MV7-*			Disable	200-2000 [msec]	400
102	IX-MV7-B		IX-MV7-*			Disable	200-2000 [msec]	400
103	IX-MV		IX-MV				200-2000 [msec]	400
201	IX-DV		IX-DV, IX-DVF(-			Disable	200-2000 [msec]	400
202	IX-DA		IX-DA, IX-DF(-*)				200-2000 [msec]	400
301	IX-SS-2G		IX-SS-2G			Disable	200-2000 [msec]	400
302	IX-RS		IX-RS-*			Disable	200-2000 [msec]	400
401	IXW-MA		IXW-MA	201	Open	Disable	200-2000 [msec]	400

Select a Station

Find the IXW-MA and click **Open** and select the **Station Number** of the station to communicate with the IXW-MA.

Update

Click **Update** to save the relay output settings and repeat for each station and relay output needed.

Door Release Timer Settings

Scroll Right

Getting Started

The amount of time the relay output activates on the IXW-MA is determined by the **Output Time Range** set for the door station interacting with it. If the door station's **Output Time Range** is set to 3 seconds, for example, the IXW-MA output it is assigned to will also activate for 3 seconds.

Relay Output Settings

To adjust the amount of time the door release relay output activates, expand **<u>Relay Input / Relay Output Settings</u>** and click **<u>Relay</u> <u>Output</u>**.



	Station Info	rmation			Option Input / Relay Ou	tput Settings	
	Identificatio	n			Relay Output		
#					Relay Output 1	Relay Output 1 (Output Time is vali	d when Relay Output function is s
	Number	Name	Location	Station Type	Option Relay Control	Output Time Range	Output Time
0001	0001	Master Stations1		IX-MV7-*	Disable	200-2000 [msec]	400
0002	0002	Master Stations2		IX-MV7-*	Disable	200-2000 [msec]	400
0003	0003	Master Stations3		IX-MV7-*	Disable	200-2000 [msec]	400
0004	0004	Video Stations1		IX-DV, IX-DVF(-*)	Disable	200-2000 [msec]	400
0005	0005	Video Stations2		IX-DV, IX-DVF(-*)	Disable	200-2000 [msec]	400
0006	0006	Audio Stations1		IX-SSA(-*)	Disable	3-600 [sec]	400
0007	0007	Handset Sub Station1		IX-RS-*	Disable	200-2000 [msec]	400
8000	8000	I/O Adaptor1		IXW-MA	Disable	200-2000 [msec]	400

Scroll Right

Output Time Range and Output Time	Update
Use the drop-down menu under <u>Output Time Range</u> to select either 200-2000(msec) or 3-600(sec) , then use the <u>Output Time</u> section to enter the desired value.	Click the Update button sa the changes.
section to enter the desired value.	

Step 1: Opening the System Configuration Settings

From the top menu bar, click **Tools(T)** and select **System Configuration**.

s(T) Help(H)				:	System Conf	iguration			
Station Search	1.00100		firsts he linked with the	abaaaa atatiaa.					
Association Settings	1. Selec	a the setting	the to be linked with the	chosen station.					
					Station Settin	igs List			
Station Replacement	Select	Number	Name	Location	Station Type	Hostname	IP Address	Associated	1
	0	101	IX-MV7-HB		IX-MV7-*		192.168.1.10	Yes	
Restore System Settings	0	102	IX-MV7-B		IX-MV7-*		192.168.1.11	Yes	
Suntain Configuration	0	103	IX-MV		IX-MV		192.168.1.12	Yes	
System Conliguration	0	201	IX-DV		IX-DV, IX-DVF(-*)		192.168.1.13	Yes	
	0	202	IX-DA		IX-DA, IX-DF(-*)		192.168.1.14	Yes	
	0	301	IX-SS-2G		IX-SS-2G		192.168.1.15	Yes	
	0	302	IX-RS		IX-RS-*		192.168.1.16	Yes	
	Advar	iced Settings	3					System Management	Add New Station
			Address Book		D	oor Release		Add New Station	Click Add Now Stati
			Station Datails		Ratch IP A	ddroes Configu	notion	Station Removal	I UIICK AUU New State

Step 2: Adding a New Station

The Add New Station window will open. Use this screen to add one or more IX-SOFT stations.

🛃 IX Support Tool - [IX Support Tool Wizard, Add New Station]	×
Add New Station	Station Type
	Select IX-SOFT using the Station
Select Station Type and enter the number of stations, then click "Add".	drop-down and enter the quantity
Challen Tune IV COET V 1 Challen (n)	IX-SOFT stations to be added. Cli
	Add .
Station Information Text in red are required settings.	
Number Name Location Station Type 0005 PC Master Station2 IX-SOFT	Station Information
	Edit the station Number and New
	the IX SOET stations
	bbA
	Click Ok to add the station(s).
OK Cancel	

Step 3: Station Details

Returning to the **System Configuration** screen, click **Station Details** to further customize the **Station Number** and **Name**, as well as set the **Static IP address** of the PCs running IX-SOFT. The IP address must match the PC's IP address or the associate step will fail.

	t the setting	file to be linked with the cho	sen station:					
				Station Settin	gs List			
Select	Number	Name	Location	Station Type	Hostname	IP Address	Associated	
0	101	IX-MV7-HB		IX-MV7-*		192.168.1.10	Yes	
0	102	IX-MV7-B		IX-MV7-*		192.168.1.11	Yes	
0	103	IX-MV		IX-MV		192.168.1.12	Yes	
0	201	IX-DV		IX-DV, IX-DVF(-*)		192.168.1.13	Yes	
0	202	IX-DA		IX-DA, IX-DF(-*)		192.168.1.14	Yes	
0	301	IX-SS-2G		IX-SS-2G		192.168.1.15	Yes	
0	302	IX-RS		IX-RS-*		192.168.1.16	Yes	
,				Sta	tion Details			
Advan	ced Settings	3					System Manager	ment
		Address Book		D	oor Release		Add N	lew Station
		Station Details		Batch IP A	ddress Configu	ration	Statio	n Removal

Important

PCs running the IX-SOFT application must have a static IP address assigned to it (or DHCP reservation). The IX Series is peer-to-peer, the static IP address of all instances of IX-SOFT must be known by any station interacting with it.

Step 4: Associating IX-SOFT

Once the Station Details have been configured the created setting must be paired with an IX-SOFT installation. Ensure IX-SOFT is running before proceeding. Under the **Station Settings List** select the setting to be associated with IX-SOFT.

				Station Se	ettings List				
Select	Number	Name	Location	Station Type	Hostname	IP Address	Subnet Mask	Associated	
0	0001	PC Master Station1		IX-SOFT		10.0.0.131	255.255.255.0	Yes	
0	0002	Video Station1		IX-DV, IX-DVF(-*)		10.0.0.40	255.255.255.0	Yes	
0	0004	IXWMAPC10		IXW-MA		10.0.0.42	255.255.255.0	Yes	
dvand	ced Settings						System Manager	ment	>
dvand	ced Settings	Address Book			Door Release		System Manager Add N	ment lew Station	,

Select Station Search under Station List and wait for the station search to complete. If the PC running IX-SOFT is the same PC running IX-Support Tool, the Search for IX-SOFT on this PC check box must be selected or the install will not be found. Select the PC running IX-SOFT to be associated with the selected setting.

	rch and selec	ct station within local network:			Statio	n Search Protocol	IPv4 ~		
				Statio	n List				
Select	Number	Name	Location	Station Type	IP Address	Subnet Mask	MAC address	Associated	^
۲	0001	PC Master Station1		IX-SOFT	10.0.0.131	255.255.255.0	F8:E4:E3:CC:31:4D	-	
									~
<									>
<	rch for IX-SOF	FT on this PC							>
≺ <mark>∕∕ Sea</mark> r	rch for IX-SOF	FT on this PC							`
<	rch for IX-SOF	FT on this PC	ssociate					Station Search	,
< <mark>✓ Sea</mark>	rch for IX-SOF	FT on this PC	ssociate omatically					Station Search	,

Select Next to go to the Setting File Upload, click **Finish** without uploading to any stations. This process will be covered in a future step.

				Station List			Text in red are required settings.	
Select	Number	Name	Location	Station Type	IP Address	Status		1
	101	IX-MV7-HB		IX-MV7-*		-		
	102	IX-MV7-B		IX-MV7-*		-		
	103	IX-MV		IX-MV		-		
	201	IX-DV		IX-DV, IX-DVF(-*)		-		
	202	IX-DA		IX-DA, IX-DF(-*)		-		
	301	IX-SS-2G		IX-SS-2G		-		
	302	IX-RS		IX-RS-*		-		
	401	IXW-MA		IXW-MA		-		Ľ
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lect S	tation by Typ	be:						

Adding IX-SOFT to Support Tool (Continued)

Step 5: SIF Settings (IX-SOFT Licensing)

Click the **Station View** button at the top of the screen. From the left hand side menu, expand **Function Settings** and select **SIF**. Under the **Select Station to Edit** section, use the drop-down menu to select the added IX-SOFT station and click **Select**.

Table View					
Station View					
Station Information	Station Number:	0001		Select Station to E	dit
Network Settings	Station Name:	PC Master Station1	Type:	IX-SOFT	
- Call Settings	Location:		Type.	IX-SOFT	
Option Input / Relay Output Settir	Eodation.	IN COST	Number:	0001	
Paging Settings	Station Type:	IX-SOFT			
- Function Settings			Previous	Select	Next
Door Release					
Network Camera Integration					
···· Paging Settings					
Bathroom Call					
Email					
CGI					
SIF					
Record					

Under the **SIF** section, station information of the IXW-MA-SOFT will need to be added to the SIF settings of each IX-SOFT instance. Fill in #01 for each IX-SOFT station with the following settings.

		IPv4	IPv6			
#	Program Type	1.0.0.1-223.255.255.254 or	:FF:0-FEFF:FFFF:FFFF:FFFF:FFFF:FFFF:FFFF	Destination Port	SSL	Connection
	0000-1111 🕈	hostname(1-64 alphanumeric characters	hostname(1-64 alphanumeric characters)	1024-65535 🕈	+	•
01	1111	10.0.0.42		65060	Enable ~	Socket ~
02					~	~

Program Type:	1111
IPv4:	Static IP Address of the IXW-MA-SOFT device
Destination Port:	65060
SSL:	Enabled
Connection:	Socket



Transmission Trigger

Scroll down to transmission trigger under the SIF settings and for #01 select the check box for "initialization notice"

Setting File Upload

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). To do this, click <u>File(F)</u> and select **Upload Settings to Station**.

File(F) Edit(E) Language(V) Tools(T) H					Setting File	e Upload	
Create New System	Select t	he station(s)	to upload the Setting I	File(s):			
Select Existing System	Station List			ist	Text in red are required settings.		
Undete Cating System	Select	Number	Name	Location	Station Type	Status	^
Deveload Settings From Station		0001	PC Master Station1	l .	IX-SOFT		
Unload Settings To Station		0002	Video Station1		IX-DV, IX-DVF(-*)		
		0004	IXWMAPC10		IXW-MA		
Import Setting File							
IX Support Tool Export System Configuration							
Export to Line Supervision Software							
Exit							
							v
	<						>
	Select	Station by Typ	be:	Octor		1	
	All		Y	Select	Unse	siect	
	Select f	ile type to be	uploaded				
		Setti	ngs	Sound	s	Image	Schedule
		_					
S	elect Sta	ations	s Up	load Setti	ngs		
C		t to ch		ek Settinge	to begin		
	Letatione in	the ev					
a		i ule sy		upload proce	55.		

Upload Status

If the status shows **Failed**, ensure the programming PC is in the same subnet as the IX Stations it is uploading to, and that the stations are powered on and available (solid status light on the station).

Exporting the Settings

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 of 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.

File(F) Edit(E) Language(V) Tools(T) Help(H) Create New System	15 DX Support Tool - (DX Support Tool Wizard: Step 4) Export Settings	×	Export
 Select Existing System Delete Existing System Update Settings From Station Upload Settings Trom Station Upload SEL Certificate Import Setting File IX Support Tool Export System Configuration Export to Line Supervision Software 	Export Settings The system has been successfully configured. Aphone recommends to export and back up the system configuration files and I end user. This backup can be imported into the IX Support Tool and used to modify the sy Export	Browse For Folder Select Folder Desktop Cody Dix Cody Dix This PC This PC BACKUP (D:) BACKUP (D:) BACKUP (D:) Control Panel Recycle Bin Make New Folder OK Cancer	Click Export to select a location to save the system setting file. Select Folder Select location to save the file then click OK . Finish Lastly, once the setting file has been saved, click Finish.
		Finish	