CASE STUDY

Meet Integration with Innovaphone PBX

Description

It is described how to configure Meet panels and Innovaphone PBX in order to forward calls from Meet panel to any SIP extension.

INDEX

INTRODUCTION	2
MATERIAL REQUIRED	2
BASIC SCHEME	3
INSTALLATION	3
CONFIGURATION	3
OPERATION	11
OTHER CONSIDERATIONS	14

INTRODUCTION

In offices and enterprises, it is common to connect the video door entry panel to the telephone switchboard in order to receive the call on a specific extension, simplifying the work of the employees. For this purpose, a telephone interface is used that connects the outdoor panel to an analogue input of the switchboard. With the evolution of PBXs, and their deployment in the cloud, a world of previously unimaginable advantages is now available, such as receiving the call on any extension located in different locations or even on a smartphone, and receiving video on the call, which is not available on an analogue telephone interface. You therefore have the same features as in a video door entry monitor if the terminal receiving the call has a screen: two-way conversation, visualisation of the visit and door unlock.

The Fermax outdoor panel has also evolved to adapt to this environment, and a clear example is the MEET panel, with IP technology, which supports SIP protocol, necessary in this type of integration. In this application, the outdoor panel must register in the SIP switchboard with a username and password and route calls to the required extension(s).

In the specific case of the Innovaphone SIP PBX, let's see how to configure the MEET outdoor panel and the Innovaphone PBX so that they can work together.

This document explains how to set up the Innovaphone PBX for any model (cloud, on premises, physical), as the user interface is practically the same, except for some slight differences.

Innovaphone provides a softphone in their My Apps application suite for desktop (Windows) that allows the implementation of a SIP client.

MATERIAL REQUIRED

Any Fermax MEET outdoor panel can be used for this integration, as all of them support SIP protocol. If you want to call a single extension, it is advisable to use the one-way MILO panel (a single push button). If you want to call different extensions to locate different people, you can use the MILO panel or, if an electronic directory is required, the KIN or MARINE panel.

The outdoor panel may require a power supply if it does not support PoE, as well as the electric strike.

To connect to the cloud version of the PBX, an internet connection with sufficient bandwidth (10Mbit minimum) will be required to access it.

BASIC SCHEME



Power supply to the board via PoE switch.



Power supply to the panel via an additional power supply. A single power supply can be used if the opener is 12 Vdc and the power supply provides sufficient power.

INSTALLATION

Once the outdoor panel is installed, it must be connected to a switch or directly to the installation's router. The connection of the electric lock release will be wired to the outdoor panel or, if maximum security is required, a reference 1490 module with 2 relays will be used to open the door from indoors, wiring the module to the panel using 3 wires (Cat-5 recommended). Finally, the panel is wired to the power supply.

It is possible to connect a MEET monitor to simultaneously receive the call inside the office, as a backup to the call through the PBX.

CONFIGURATION

Innovaphone PABX

Once we have a PBX, either by means of a licence or a physical PBX, we must access to configure it through its web server using a browser: http://PBX_IP/admin.xml?xsl=admin.xsl

 First of all, 'config disable digest' must be activated. To do this, go to Maintenance>Diagnostics>Command and enter the following commands:

PBX - pb	x.fermax.	loc: inr	novaph	one Vi	rtual Ap	pliance	
🦗 Gene	eral Interfaces	IP4 II	P6 Servic	es PBX	Gateway	Maintenance	
	Diagnostics	Upload	Download	Update	Reset		
Logging Tracing Alarms Events Counters Config-Show Ping Traceroute Port Check Command	Command	Iconfig char	nge SIP /disa	ble-digest-r	eplay-check		
!confi	g change SIP /	disable-di <u>g</u>	gest-replay	-check			
!confi	g write						
!confi	g activate						

They must be entered one after the other and the Command button must be pressed each time.

2) Next, a Gateway must be created to be able to display the video correctly on the Innovaphone softphone. If softphone is not used, this step is not necessary. In this example, the Gateway is assigned the number 2, which means that the calls to be routed through the Gateway must be prefixed with 2.

option D/a	objector here	4961											
< Gateway											_		\times
General Gateway													
Туре	Gateway 🗸												
Description				Hide from L	DAP 🗌								
Long Name	gw-fermax	Display Name											
Name	gw-fermax	Number	2		Critical								
E-Mail	gw-fermax ;												
Password	•••••	retype Password	•••••										
Node	root 🗸	Local											
PBX	002-pbx 🗸	Reject ext. Calls											
Trace													
Max Calls		Response Timeou	t										
Hide Connected Endpo	int 🗆												
Reporting													
- Devices													
Hardware Id	Name	Арр		PBX Pwd No	IP Filter TLS	only No Mo	obility Config V	OIP Revers	e Proxy Single R	Reg. Media R	elay No \$	SRTP	
gw-fermax													

Option PBX>Objects>new user

💠 Gateway		_	×
General Gateway			
Enblock Count Enblock as Diverting No Prefix No Prefix Number	☑ Don't add if CGPN matches escape □		
Domain Loop Detect International Match			
National Match Subscriber Match Set incoming call UUI			
Set outgoing call UUI Internal Destination Outgoing Calls No Name Outgoing Calls No URL No Presence/Dialog Subscribe Dialtone on Incoming calls No Inband Disconnect Fax License Obtain Channels lic on outgoing ca Filter			

It is verified that the Gateway has been created:

Seneral Interfaces	IP4 IP6 Services PBX Gateway Maintenance	
Config <mark>Obje</mark>	cts Registrations Calls SOAP myPBX Dyn-PBXs	
User new g show • 002-pbx	Long Name Name « No «HW-ID « Node «PBX « Filter «Groups «CF* «Fork «Config «Phone «Profile «Visibility «Rights «Type « Presence «Wakeup « gw-fermax gw-fermax2 gw-fermaxroot 002-pbx + + Gateway + 127.0.0.1*	

It must then be configured as follows:

-	General	Inter	faces	IP4 IP6	Serv	ices Pl	SX Gat	eway	Maintenance
	Ger	neral	Interfac	es SIP	GK	Routes	CDR0	CDR1	Calls
							_		
CW/1 and	formov	PN-In (DPN-InC	GPN-Out	CDPN-	Out Allas	h nov:2 1	egistrati	ionProduct
GWT gw-	iennax+					gw-iei		27.0.0.1	
GWZ	+								
Name	gw-fe	rmax							
Disable									
Protocol	H.32	3 ~	•						
Mode	Regi	ster as G	Sateway	~					
Address	127.0	.0.1							
Address						(alternat	e)		
Gatekeeper lo	lentifier								
Local Signalin	g Port								
Authorization									
Password ••	•••••		Retype	•••••					
-Alias List									
Name		Num	ber						
gw-iermax		2							
Modia Propos	tion								
- wedia Proper	ues	0744			1 20	Silones (`omprossi	- Evel	nivo 🗖
General Cod	er Preterence	G/11A	∧ ∨ Fr	amesize (ms	5J 20	Silence	Compression		sive 🗹
LUCAI Netwo	IK Coder	G/11A	∖ ♥ Fr	amesize (ms	5] 20	Silence	Joinpression		
Enable T.38		Detecti	on 🗌 Med	lia-Relay Au	uto 🗸 , Vi	deo 🗹			
SRTP Ciphe	r AES128/32	✓ SR	TP Key Exc	hange SDE	S-DTLS	✓ Unencr	pted SRTC	° 🗆	
No ICE 🗌 🛛	No RTCP-MU	X 🗆 T	URN Only						
Record to (U	RL)								
H.323 Interop	Tweaks								
No Faststart Suppress HL	No H.2 .C Suppre	245 Tunr ess FTY	neling 🗌 🗌 S	uppress Sut	baddr 🗌				
ок	Cancel A	pply	Delete	Help					
PBX	- pbx.	tern	nax.lo	DC: IN	nova	aphon	e Virt	ual A	pliance
-	Conserv	le t	a standard		DC C			Catan	Maintenarra
	General	int	erraces	1P4 1	P0 5	ervices	PBA	Gateway	
	G	eneral	Interf	aces S	SIP G	Rout	es CD	RU CI	DRT Calls
Eros	m			Το		Counter	CGPN M	ans	
	V1: ow form	av _		GW/1:mm	formas	/ Counter	SOLUTION IN	apa	
	• i.gw-iem		\rightarrow	Swi.gw	-rennax	<u> </u>			

3) The devices are then added. Option PBX>Objects>new user

For a MEET outdoor panel:

A No es seguro	5 192.168.1.2	21/PBX0/ADM	/IN/mod_cmd_logir	.xml?cmd=shc	w&user-guid=1k	6ef930c2	0f413aa71	15f40445f0	0a929&loc=*	!&filter=*&co	onfig=*&voip	=*&lic=&ps	seudo-type=*
General Us	er License	Apps DEC	СТ										
Туре	User	~											
Description					Hide from LDAP								
Long Name	Milo		Display Nar	ne									
Name	milo		Number	112		Critical (
E-Mail	milo_;												
Password	•••••		retype Pass	word •••••									
Node	root 🗸		Local										
PBX	pbx 🗸												
Send Number	Extern	ial [Dial In 🗌 URL										
Group Indications	s 💙												
Config Template	Config User	~											
Trace													
-Devices													
Hardware Id		Name	Арр		PBX Pv	/d No IP F	Iter TLS o	nly No Mo	bility Config V	OIP Reverse	Proxy Single F	Reg. Media F	Relay No SRTP
112												✓	✓

It is important to assign an extension number (Number) and password for later configuration in the entrance panel.

For the softphone:

A No es seguro	192.168.1.	221/PBX0/ADM	IN/mod_cmd_login	xml?cmd=sh	ow&user-guid=34	1bbe14	b0af64011c	b4000c29	15877c&loc	=*!&filter=*&	.config=*&voi	o=*&lic=&l	oseudo-type
General Use	er License	Apps DEC	т										
Туре	User	~											
Description					Hide from LDAF								
Long Name	Carlos Ferre	r	Display Nam	e									
Name	carlos		Number	110		Critica	al 🗌						
E-Mail	carlos ;												
Password	•••••		retype Pass	vord •••••									
Node	root 🗸		Local										
PBX	pbx 🗸												
Send Number	Exter	nal Di	ial In 🗌 URL										
Group Indications	×												
Config Template	Config Admi	n 🗸											
Trace													
- Devices													
Hardware Id		Name	App		PBX Pv	/d No IP	Filter TLS o	nly No Mo	bility Config \	/OIP Reverse	Proxy Single F	eg. Media F	lelay No SRTP
SwPh_carlos_6	4afb432	Softphone	softp	hone									
carlos													

You are also assigned an extension number and password.

A MEET monitor can be also integrated into the control unit as we did with the panel or left as a Meet device.

The devices that have been registered are checked:

												1	admin	Login	Help
PBX - pbx.fermax.lo	c: inno	/aphc	ne	Virtual	Appli	ance	Э								
Seneral Interfaces	IP4 IP6	Services	; P	BX Gatev	way Mai	intenan	се								
Config Objects	Registrat	ions C	alls	SOAP n	nyPBX	Dyn-PE	3Xs								
User V new	Long Name	Name «	No «H	HW-ID «		Node «	PBX «	Filter « Group	s «CF*	«Fork «	«Config «	Phone «	Profile (Visi bili	ty «R
User v new	Long Name Carlos Ferre	Name « r carlos	No«H 110 S	<mark>HW-ID «</mark> SwPh_carlos	_64afb432	Node « Proot	PBX « pbx	Filter « Group normal +	s « CF* -	« Fork « +	<mark>« Config «</mark> Config Admin	Phone «	Profile (×Visibili +	ty « R +
User v new 1 show	Long Name Carlos Ferre Kin	Name « r carlos kin	No « H 110 S 111 1	<mark>HW-ID «</mark> SwPh_carlos <u></u> 111	_64afb432	Node « Proot root	PBX « pbx pbx	Filter « Group normal + normal +	s «CF* + +	Fork (+ +	Config « Config Admin Config User	Phone « + +	Profile (+	visibili + +	ty « R + +
User new by the show comparison co	Long Name Carlos Ferre Kin Milo	Name « r carlos kin milo	No «H 110 S 111 1 112 1	<mark>HW-ID «</mark> SwPh_carlos 111 112	_64afb432	Node « Proot root root	PBX « pbx pbx pbx	Filter « Group normal + normal + normal +	s « CF* + + +	Fork (+ + +	Config « Config Admin Config User Config User	Phone « + + +	Profile < + +	visibili + + +	ty « R + + + +
User vnew 1 show • pbx	Long Name Carlos Ferrer Kin Milo Wit	Name « r carlos kin milo wit	No «H 110 S 111 1 112 1 113 1	<mark>HW-ID «</mark> SwPh_carlos <u></u> 111 112 113	_64afb432	Node « Proot root root root	PBX « pbx pbx pbx pbx pbx	Filter « Group normal + normal + normal + normal +	s «CF* + + + +	• Fork • • • • • • • • • • • • • • • • • • •	Config « Config Admin Config User Config User Config User	Phone « + + + +	Profile (- + + +	visibili + + + +	ty « R + + + + +

OUTDOOR PANEL CONFIGURATION

To configure the entrance panel, use a browser and access the IP address assigned to the entrance panel, by default 10.1.0.1 (building entrance panel) or 10.1.1.2 (single line panel) and enter the user admin and default password 123456.

The following steps will be followed:

- 1) General configuration
 - a. <u>One-way panel</u>

You must configure the panel as an Individual Panel, assign a block (default 1), a dwelling (default is 101), and a panel number (default 1).

The Device Tag is important to identify the origin of the call on SIP extensions. The resolution of the camera shall be adjusted to the needs of the terminals used to receive the call.

					_
DEVICE				GENERAL SETTING	5
GENERAL					
NETWORK	TYPE:	1W PANEL	~		
ACC	BLOCK:	1			
	APARTMENT:	101			
SIP	DEVICE NO .:	1			
SIP TRUNK	DEVICE TAG:	MILO 1L	(≦	≦16 CHARACTERS)	
SIP CALL	LANGUAGE:	ENGLISH	*		
	PANEL VOLUME:	1	~		
	DOOR OPEN VOICE:				
PINCODE	VIDEO RESOLUTION:	320x240	~		
RESTORE	SIP DIVERT MODE:	PARALLEL CALL	~		
	DATE FORMAT:	DD/MM/YYYY	~		
	DATE:	01 / 01	/ 2018		
	TIME:	04 : 45	: 27		
	TIME ZONE:	GMT+01:00	~		
		SAVE			

b. Building Panel

In this example we have used a KIN building entrance panel. The panel must be configured as a Block Panel, assigned a block (default 1) and a panel number (default 1). The Device Tag is important to identify the origin of the call on SIP extensions. The resolution

of the camera shall be adjusted to the needs of the terminals used to receive the call.

DEVICE		GENERAL SETTINGS
GENERAL		
NETWORK	TYPE:	BLOCK PANEL-DIGITAL
ACCESS	BLOCK:	1
FACIAL RECOG.	DEVICE NO .:	3
LIFT	DEVICE TAG:	KIN CHARLES (≤16 CHARACTERS)
	ALPHANUMERIC KEYPAD	
	LANGUAGE:	ENGLISH V
SIP	PANEL VOLUME:	5 ~
SIP TRUNK	BACKGROUND:	DARK COLOR 🗸
SIP CALL	BRIGHTNESS:	250 🗸
ADVANCED	VOICE SYNTH .:	
PINCODE		1280x720 🗸
WECHAT QR	SIP DIVERT MODE:	PARALLEL CALL
RESET	SCREENSAVER:	(PNG,600*1024)
		Seleccionar archivo Ninlec. IMPORT EXPORT DELETE
	HELP:	✓ (PNG,600*1024)
		Seleccionar archivo Ninlec. IMPORT EXPORT DELETE
	STANDBY INTERFACE:	CALL
	CONCIERGES:	2
	CONCIERGE 1:	9901 CONSERJE
	CONCIERGE 2:	9902 GUARDA
		SAVE

In case of calling more than one extension at the same time, it must be indicated whether the call will be made in parallel or sequentially, calling the next extension if the previous one is not answered within 30 seconds.

2) Network settings

An IP address compatible with the installation's LAN will be assigned and the gateway or router address will be indicated to access the Internet. A DNS server is necessary to be defined.

The IP of the software will be left as the default because in this case it is not going to be used unless it is required to manage access control registrations and cancellations for employees (proximity cards or facial recognition). In this case, the IP address of the computer that has the MEET management software (MMS) installed shall be indicated.

DEVICE			NETWORK SETTINGS
GENERAL			
NETWORK	IP:	192.168.1.225	
ACC	MASK:	255.255.255.0	
	GATEWAY:	192.168.1.1	
SIP	DNS:	8.8.8.8	
SIP TRUNK	SOFTWARE IP:	192.168.1.223	
SIP CALL	SW. PIN:	•••••	
ADVANCED		SAVE	
PINCODE		0.112	
RESTORE			

3) SIP PBX configuration

In the SIP Configuration section, indicate the IP of the assigned Innovaphone PBX, as shown in the screen below (192.168.1.221). Enter the user (extension number) and the password assigned to the outdoor panel extension (registration password). Next, check if the panel is correctly configured in the

switchboard by clicking on the VIEW SIP STATUS link. If REGISTERED does not appear, check the information entered.

DEVICE			SIP SETTINGS
GENERAL			
NETWORK	ENABLE SIP:	SEARCH SIP STATU	IS
ACC	SIP SERVER:	sip:192.168.1.221	
	DOMAIN:	192.168.1.221	
SIP	STUN IP:		
SIP TRUNK	STUN PORT:	5060	
SIP CALL	H.264:	102	
	SIP USER:	112	
ADVANCED	SIP PASS:	••••	
PINCODE	CONVERSATION:	120s 🗸	
RESTORE	RING TIME:	30s 🗸	
	-		
		SAVE	

In the console of the SIP PBX the extension of the MEET panels will appear as registered in PBX>Registrations:

								admin	Login Help
PBX - pbx.f	BX - pbx.fermax.loc: innovaphone Virtual Appliance								
Seneral	Interfaces	IP4 IP	6 Services	BX Gateway	Maintenance				
Со	nfig Objects	s Regist	trations Calls	SOAP myPl	3X Dyn-PBXs				
Address	Long Name	Name	No Device	Produ	rt		Firmware	Video Colla	ab Uptime
Address 192.168.1.223 JSO	Long Name N Carlos Ferrei	Name r carlos	No Device 110 SwPh_carlos_	Production 64afb432 myApp	t s for Windows		Firmware 13r3 sr6 [137840]	Video Colla	ab Uptime Od Oh 35m 4
Address 192.168.1.223 JSO 127.0.0.1* H32	Long Name N Carlos Ferrer 3 gw-fermax	Name r carlos gw-fermax	No Device 110 SwPh_carlos_ 2 gw-fermax	Produc 64afb432 myApp innova	t s for Windows bhone Virtual App	liance PBX - pbx.fermax.	Firmware 13r3 sr6 [137840] loc 13r3 sr6 [13.7840/1000/0]	Video Colla	ab Uptime 0d 0h 35m 4 0d 0h 35m 4
Address 192.168.1.223 JSO 127.0.0.1* H32 192.168.1.224*SIP	Long Name N Carlos Ferrer 3 gw-fermax Kin	Name r carlos gw-fermax kin	No Device 110 SwPh_carlos_ 2 gw-fermax 111 111	Produc 64afb432 myApp innova Dnake	st s for Windows bhone Virtual App /oip	liance PBX - pbx.fermax.	Firmware 13r3 sr6 [137840] loc 13r3 sr6 [13.7840/1000/0]	Video Colla	ab Uptime 0d 0h 35m 4 0d 0h 35m 4 0d 0h 35m 4
Address 192.168.1.223 JSO 127.0.0.1* H32 192.168.1.224* SIP 192.168.1.225* SIP	Long Name N Carlos Ferrer 3 gw-fermax Kin Milo	Name r carlos gw-fermax kin milo	No Device 110 SwPh_carlos_ 2 gw-fermax 111 111 112 112	Produc 64afb432 myApp innova Dnake Dnake	st s for Windows ohone Virtual App /oip /oip	iance PBX - pbx.fermax.	Firmware 13r3 sr6 [137840] loc 13r3 sr6 [13.7840/1000/0]	Video Colla	ab Uptime 0d 0h 35m 4 0d 0h 35m 4 0d 0h 34m 4 0d 0h 35m 2

4) <u>Call extensions configuration</u>

a. One-way panel

Go to the 'SIP CALL' tab and enter the apartment number indicated in the 'GENERAL' section (101 in our example) and as NUMBER the SIP extension you want to call (110 in the example) and click on 'SAVE'.

DEVICE					SIP CALL	SETTINGS
GENERAL						
NETWORK	APARTMENT:	0				
ACC	NUMBER:					
SIP	DELETE.	SAVE				
SIP TRUNK						
SIP CALL	APARTMENT	NUMBER	APARTMENT	NUMBER	APARTMENT	NUMBER
ADVANCED	101	110				
PINCODE						
RESTORE						

b. Building panel

A CSV file will be configured with the assignment of call codes to the extensions to be called. The CSV file format can be downloaded from the SIP CALL section of the panel's web server, EXPORT option.

An example is the following:

APARTMENT, NUMBER,
1,2110
2,110
3,113
4,114

The code to be dialled is indicated first and separated by a comma, the extension of the switchboard that is to receive the call when this dialling code is dialled. In the example, dialling 1 will call the softphone with extension 110 through the gateway. Dialling 2 will call the same softphone without going through the gateway.

It is possible to call more than one extension by listing multiple extensions in the same row separated by semicolons. One of these extensions can be a MeetMe licence to be able to call a smartphone via the MeetMe application. This allows you to call a smartphone outside the local network, including video.

To load the CSV file on the panel, select the file created and click on the IMPORT button. The list of calls of the file will appear on the screen. Sometimes it is necessary to refresh the browser screen by clicking on the corresponding icon:

	$\leftarrow \rightarrow G$	🔺 No es	seguro 1	72.30.226.1		
DEVICE					SIP	CALL SETTINGS
GENERAL						
NETWORK	Seleccionar a	rchivo Ninlec.	IMPORT EXE	PORT		
ACCESS	APARTMENT	NUMBER	APARTMENT	NUMBER	APARTMENT	NUMBER
FACIAL RECOG.	1	2110	2	110	3	113
LIFT	4	114				
IP CAMERA						
SIP						
SIP CALL						
ADVANCED						
PINCODE						
WECHAT QR						
RESET						

If we want to be able to call via the agenda in the case of a KIN panel, the agenda will be created in a CSV file (different from the previous one). The CSV file format can be downloaded from the ADVANCED section of the panel's web server, EXPORT option.

One row is filled in per phonebook item, indicating the call code, Name to appear, blank, Y,. Example:

APARTMENT, NAME, MAPP	VING CODE, WHITELIST(Y),				
19,CARLOS FERRER, ,Y,					
12, PEPE GARCIA, ,Y,					
13,ANDRES LOPEZ,,Y,					
14, ALICIA MARTINEZ,, Y,					

The file is loaded using the IMPORT option:

DEVICE		ADVANCED SETTINGS
GENERAL		
NETWORK	QUICK DIAL:	
ACCESS	URL:	
FACIAL RECOG.	MAPPING CALL:	
LIFT	WHITE LIST:	
IP CAMERA	DIRECTORY:	
SIP		Seleccionar archivo Niniec. IMPORT EXPORT
SIP TRUNK		SAVE
SIP CALL		
ADVANCED		
PINCODE		
WECHAT QR		
RESET		

The DIRECTORY option is enabled so that this option appears on the panel.

OPERATION

To call a specific extension, press the call button (one-way panel) or enter the associated call code (building panel) and confirm with the bell button (Milo, Marine) or the off-hook icon (KIN). In the case of the KIN or MARINE panel, you also have the option of making the call via the agenda, by searching for the name of the receiver and pressing on it.



Direct call by code.

Call via phonebook.

The panel will generate the call as if it were a house:



The called extension will receive the ringing tone and call origin information showing the name assigned in the PBX and the camera image (depending on whether the receiving device has a video option). The call will ring for a maximum of 30 seconds.

When the call is accepted, two-way audio communication shall be established and may last up to a maximum of 120 seconds.

You have the option of opening the door by pressing the '*' or '#' key on the keypad, which will activate the internal relay of the panel and also first external relay of ref. 1490 (if installed). The '0' key activates only the second relay of ref. 1490.

Examples of incoming calls:

- Softphone MyApps:

When a call is received from an extension, the name of the device and its extension are displayed at the top of the screen:



By clicking on the green icon, the call is answered and the video starts to be shown and the audio communication is established:



To open the door, open the keypad in the Telephone option and press the * or # key:



After 120 seconds the door station will end the conversation. It can also be terminated earlier from the softphone by pressing the hang up icon.

- <u>SIP phone</u>
 - \circ $\,$ You can choose the reception with video or audio only. Choose video to be able to visualise the visitor.

• Two-way audio and video conversation is established.



- Door opening by pressing * or #.
- Talk time 120" regulated by the outdoor panel.

<u>Auto-on:</u>

The connection from a SIP terminal to the outdoor panel is made by a call to its extension number. The duration of the conversation is limited to 30". You can call by entering your extension in the call option or by calling back from the received call history:

			- innovapnone mystpps	
innovaphone myApps			X 🖾 SOFTPHONE	
			Buscar contacto	० (😐
2111		× (★	● L∍ HISTORIAL DESVÍO	Q, BUSCAR
•	L,	Q	Kin 2111 vie, 28/07/23, 13-44	1
HISTORIAL	DESVÍO	BUSCAR	Milo 112 vie, 28/07/23, 13:37	\$
No hay resultados				

It is also possible to add to favourites the devices you want to call up.

OTHER CONSIDERATIONS

Compatibility with MEET monitor:

If a MEET monitor is available, the call can be received simultaneously at the called extension and at the monitor. The monitor must be assigned the call code marked on the outdoor panel as the house number. The first one to answer the call will cut off the reception at the other side.

Another option consists of configuring the monitor in SIP mode as another extension of the PBX, allowing it to be called from any extension or to call these extensions from the monitor by means of the 'Extercom' option, introducing the extension number. In this mode, the video preview is not shown until the call is answered by picking up the handset.

For this mode, a new extension must be registered in the PBX with the same configuration that was given to the outdoor panel.

Next, to configure the monitor, access the monitor's web server from a browser using its IP address, and configure the credentials of this extension in the SIP tab:

DEVICE		
GENERAL		
NETWORK	ENABLE SIP:	SEARCH SIP STATUS
	SIP SERVER:	sip:192.168.1.221
	DOMAIN:	192.168.1.221
SIP	OUTBOUND:	
ADVANCED	STUN IP:	
ACTUATORS	STUN PORT:	5060
VERIFICATION	SIP USER:	113
VERIFICATION	SIP PASS:	••••
PINCODE	CONVERSATION:	120S 🗸
RESTORE		
	I	SAVE

In the ADVANCED tab, an opening DTMF tone must be configured in case you want to activate the outdoor panel door release.

DISPOSITIVO		CONFIGURACIÓN AVANZADA
GENERAL		
CONFIG.RED	EXT SIP.: DESACTIV	
	AUTO ANSWER:	
	ONU(GPON):	
SIP	DTMF UNLOCK:	
AVANZADO	PIN DE ACC.: #	
	Nº ABREPUERTAS: 0 V	
ACTUADORES	Nº CAMARAS: 0	
VERIFICAIÓN		
CÓDIGO PIN	GUARDAR	
RESTAURAR		