

Valcom Session Initiation Protocol (SIP) VIP devices are compatible with the Panasonic Unified Communications Platform. The Valcom device is added to the Panasonic as a standard SIP extension (generic SIP phone).

The configuration example in this document is based on a Panasonic KX-NS700 software version 4.42025 and a Valcom IP speaker. This example should be similar for any other Panasonic IP PBX in the Unified Communications Platform.

The following steps outline the typical configuration process:

- 1. Open the Web Management console for the Panasonic PBX via a web browser using the IP address of the PBX and login as INSTALLER.
- 2. The PBX Configuration/Slot screen should display by default.





3. Hover the mouse over the Virtual Slot and click on Select Shelf.

		Trunk Slot Card LCOT6 PRI23 DPH2	Extension Slot Card MCSLC16 MCSLC8 DLC16 DLC8 DHLC4
Panasonic KX-NS700			Basic
	4 Trunk/DPH2		Extension 6
	3		5
• 🖻 🖙	00		
		1	2
Select Shelf			

4. Virtual Slot screen should display and have at least 1 V-SIPEXT32 Extension Slot Card. If not, drag and drop one from the Extension Slot card window into the next available extension Slot.



		3		-siPGW16		Extension Slot Ca V-IPEXT32 V-SIPEXT32 V-UTEXT32 V-UTEXT32 V-IPCS4	rd
Panasoni	C KX-NS700			_/		Vi	rtual
4		8		12			1
3	Trunk	7	Extension	11	IP-CS	IP-CS	1
2		6		10			1.
1				9			1
	-	-	Name of Concession				

5. Hover the mouse over the V-SIPEXT32 card and click on Port Property.



Slot System Property Activation Key IF	Phone Registration) VolP Pro	operty UM Proper	ty	
		Trunk Slot Card V-SIPGW16 V-IPGW16	V-IPEX V-SIPE V-SIPE V-UTE	ion Slot Card T32 XT32 KT32
Panasonic KX-NS700				Virtual
4	8	12		16
3 Trunk	7 Extensio	on 11	-IP-CS	
2	6	10		14
	6 5 Card Prop			13
	Ous			
Viltual Slot				

6. If automatic extension numbering is enabled the available extensions to use will be listed, so you can the select an unused extension and click on that row's Connection field. On the Command popup window, click OUS to take the port out of service.



Copy i	0								
ain	Option Remot	e Place	FAX/T.38						
► No.	Shelf	Slot	Port	♦ Extension Number	Password	Connection	Current IP Address	P2P Group	
	ALL	~				ALL 🗸		ALL 🗸	
	Virtual	5	1	1009	123456	INS	192.168.100.54	1	1
2	Virtual	5	2	101			2.168.100.57	1	I
3	Virtual	5	3	10' Comman	0		).0.0	1	I
ļ.	Virtual	5	4	10 <sup>-</sup> Shelf : Vir	tual - Slot : 5 -	Port : 1	).0.0	1	I
5	Virtual	5	5	101	INS )		).0.0	1	I
5	Virtual	5	6	10'	113		0.0.0	1	I
7	Virtual	5	7	101	Cance		0.0.0	1	I
3	Virtual	5	8	101			0.0.0	1	I
)	Virtual	5	9	1017		Fault	0.0.0.0	1	I
0	Virtual	5	10	1018		Fault	0.0.0.0	1	I
1	Virtual	5	11	1019		Fault	0.0.0.0	1	I
2	Virtual	5	12	1020		Fault	0.0.0.0	1	I
3	Virtual	5	13	1021		Fault	0.0.0.0	1	I
4	Virtual	5	14	1022		Fault	0.0.0.0	1	Ì
				<					>

7. With the port out of service, the password field becomes editable. Key in a password to be used for this extension.

▲ No.	Shelf	Slot	Port	Extension Number	Password	Connection	Current IP Address	P2P Group	P2P Group Name
	ALL 🗸					ALL 🗸		ALL 🗸	
1	Virtual	5	1	1009	123456	OUS	192.168.100.54	1	

- 8. Click Apply button on the screen at the lower right and leave the web browser on this screen as you will need to return here later.
- 9. At this point we can now configure the speaker in the VIP-102B tool. If you do not have it, you can download the tool from our website at <a href="http://www.valcom.com/vipsetuptool">http://www.valcom.com/vipsetuptool</a>.
- 10. After installing the VIP-102B tool, launch it and select "Scan using the current network settings" if you have already predefined the subnet the VIP device is on. Otherwise if you are on the same subnet you can select "Use the default settings to perform a new scan". Then click OK to start the scan.



🔲 VIP-102B II	P Solutions Setup Tool 🛛 📐	×
Please selec	zt a task to perform	
٩	Scan using the current network settings 192.168.100.xxx	
	O Modify current network settings before scanning	
	O Use the default settings to perform a new scan	
$\triangleright$	O Open and work with a saved snapshot file	
	○ Add sample devices using the current settings	
Don't show	w this dialog in the future	
	OK Cancel	

- 11. If successful, the device should appear in the discovery window. Click Continue.
- 12. If you need to assign an IP address to this device or set it to DHCP refer to the VIP-102B Reference manual on our website <a href="http://www.valcom.com/vipsetuptool">http://www.valcom.com/vipsetuptool</a>.
- 13. After assigning the IP address and rescan there will be additional tabs to program. Specifically for this example with the IP speaker we will focus on the SIP tab to enable the device to register as the SIP extension created on Panasonic IP PBX.



Phone Number:	1009						
Description:						Dhana Nive	
Authentication Name:						Phone Nur	nder=PBX Extension
Secret:	123456	Password				Secret	=Extension's Passwo
Realm:						Server	=IP address of PBX
SIP Servers:	5	berver	🔶 Panasonic	Port			
	Primary 19	92.168.100.101	PBX	5060			
Register:	Backup 1			5060			
DNS SRV:	Backup 2			5060			
SIP Port-	5060		Idle Timeout (scoo);	0	~		
DTP Pat	20000		Idie Timeout (secs):	. 0			
RTP POR:	20000		Max Call Timer (secs)	U			
	1009						
CID Number:							
CID Number: CID Name:							
CID Number: CID Name:							
CID Number: CID Name:							
CID Number: CID Name:							
CID Number: CID Name:							

- 14. After keying in the necessary fields, click the Apply button at the bottom then click on the <sup>29</sup> icon to update, then when prompted for Reset, click Yes.
- 15. After a few minutes go back to the Panasonic Web management Console in the web browser. You should be at the Virtual SIP Extension screen you were at previously. If not, the go to the

main PBX Configuration/Slot screen. Select Virtual Slot as in step 3, then step 5.

16. Click on the Connection cell for this extension. On the Command popup window, click INS to put it in service. If successful the device will be registered otherwise it will display fault. If fault, make sure the password is correct from what was entered in step 7.

Command			
Shelf : Virtual -	Slot : 5 - Po	ort : 1	
INS		OUS	
	Cancel	)	

