

I. Introduction

This Alcatel-Lucent OmniPCX Integration Guide provides general guidelines for integration of the **VOIP-600 Series Phone** with an Alcatel-Lucent OmniPCX Enterprise Communication Server. It is recommended to read this integration guide completely before starting any installation. For detailed VOIP-600 setup instructions, please consult the **VOIP-600 Series Phone Manual**.

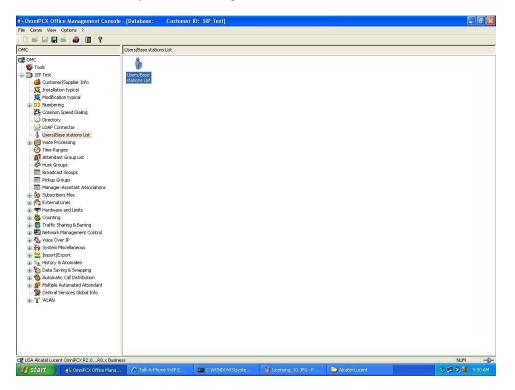
II. Prerequisites

- Alcatel-Lucent OmniPCX Enterprise Communication Server
- SIP Device Licensing for Third-party SIP (Basic) devices
- Network access to the OmniPCX Server, VOIP-600 Series Phones, and all network services (SIP, TFTP, HTTP, FTP, DNS, RTP/SRTP)

III. OmniPCX Basic Configuration

This document provides basic guidelines for integrating a **VOIP-600 Series Phone** with an Alcatel-Lucent OmniPCX Enterprise Communication Server. Advanced setup of OmniPCX Enterprise Communication Server features is outside the scope of this document.

1. Connect to the OmniPCX Enterprise Communication Server through the OmniPCX Office Management Console with Administrator credentials.



2. Create a new User by double-clicking Users/Base stations list:



3. Click Add in the Users/Base stations List window:

Phy. Add.	C No.	🔘 Terminal/Base stat.	🔿 Name		Add
01-005-01	100	4039	•		Delete
01-005-01	100	4039			
01-006-01	101	4029			Modify
01-007-01	102	4029			Datalla
01-008-01	103	4019		13	Details
01-009-01	104	Z Set(Normal)	Fax		Сору
01-010-01	105	Z Set(Normal)			Copy
01-011-01	106	Z Set(Normal)			More
01-012-01	107	Z Set(Normal)			
01-013-01	108	4019			Profiles
01-014-01	109	4019			
01-015-01	110	UA Access			Fill
01-016-01	111	UA Access			CAD D.
90-001-01	112	Remote Acc. V34			GAP Reg.
90-002-01	113	Remote Acc. ISDN		-	Del MailBox
	10115				Del MailBox

4. Choose IP Terminal, specify the desired extension in the No. field and then press the OK button:

Add User		×
C DECT/PWT handset:	C	Subdevice
C Phone card holder	¢	IP terminal
C Virtual terminal ☐ Media ☐ Nomadic	0	My IC Mobile
		1
Number of devices		
Number of devices		
No.	one	141
No.	one	141



5. Select the newly created station then select **Basic SIP Phone** from within the drop-down menu below Terminal/Base stat. Then press **Modify**:

Phy. Add.	O No.	C Terminal/Base stat.	O Name	Add
94-002-01	141	Basic SIP Phone		Delete
94-002-01	141	IP Enabler		
96-001-01	122	Virtual Terminal	ACD	Modify
96-002-01	123	Virtual Terminal	ACD	D 1 3
96-003-01	124	Virtual Terminal	ACD	Details
96-004-01	125	Virtual Terminal	ACD	Сору
96-005-01	126	Virtual Terminal	ACD	Copy
96-006-01	127	Virtual Terminal	ACD	More
96-007-01	128	Virtual Terminal	ACD	
96-008-01	129	Virtual Terminal	ACD	Profiles
96-009-01	130	Virtual Terminal	ACD	
96-010-01	131	Virtual Terminal	ACD	Fill
96-011-01	132	Virtual Terminal	ACD	
96-012-01	133	Virtual Terminal	ACD	GAP Reg.
96-013-01	134	Virtual Terminal	ACD	Del MailBox

6. Select the new station again and press Details:

Phy. Add.	O No.	O Terminal/Base stat.	C Name	Add
94-002-01	141	Basic SIP Phone		Delete
94-002-01	141	Basic SIP Phone		
96-001-01	122	Virtual Terminal	ACD	Modify
96-002-01	123	Virtual Terminal	ACD	Datal
96-003-01	124	Virtual Terminal	ACD	Details
96-004-01	125	Virtual Terminal	ACD	Сору
96-005-01	126	Virtual Terminal	ACD	Copy
96-006-01	127	Virtual Terminal	ACD	More
96-007-01	128	Virtual Terminal	ACD	
96-008-01	129	Virtual Terminal	ACD	Profiles
96-009-01	130	Virtual Terminal	ACD	
96-010-01	131	Virtual Terminal	ACD	Fill
96-011-01	132	Virtual Terminal	ACD	
96-012-01	133	Virtual Terminal	ACD	
96-013-01	134	Virtual Terminal	ACD	Del MailBox
96-012-01 96-012-01 96-013-01	133	Virtual Terminal	ACD	Del M

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VOIP-600 Series Phone

OmniPCX Enterprise Integration Guide

	94-002-01	Keys	V 24
lame		Features	Password
Dir. Numbers	1	Counting	1 ISDN
Int. No.	141 More	Pers. SPD.	Services
Secondary sets		Spd Dial	Misc.
Terminal			
Original Type	Basic SIP Phone	Restr/Barring	Diversion
Temporary Type	[Dyn. Rout.	Sel.Divers
Mode		DECT/PWT	Hotel
Language	English (USA) 📃	IP/SIP	Appoint.
Software Version		Cent.Serv	Mailbox
BootLoader Version		Mobility	1
Data Version			1
Hardware Number			
Serial Number			
Localization Version			
Customization Version			
Virtual terminal 🛛 🗖 M	edia		
Entity		Dut-of-Service (logically)

7. On the User window, press IP/SIP:



8. Enter the MAC Address of the VOIP-600 Series Phone:

Parameters SIP Parameters	
MAC Address (hex)	
00,01,20,a4	
P Address	
/oice Coding/Decoding	
G711 🔍	
Echo Cancellation	
Voice Active Detection	

9. Next, if authentication is desired, enter a **SIP password** and check the **SIP authentication** checkbox on the SIP Parameters tab. Then click **OK**:

IP Parameters SIP Parameters	
SIP password	
15481047	Reset
SIP authentication	

10. If adding multiple VOIP-600 Series Phones, repeat Steps 3-9 for each device.



IV. VOIP-600 Series Phone Configuration

- 1. Using a web browser, enter the IP address of the VOIP-600 Series Phone that you are programming. Login to the device with the configured Username and Password.
- 2. In the VOIP-600 main menu, select Network > SIP Settings.
- Enter the following fields on the SIP Settings page. Then click Apply.
 Assign a phone number: Phone Number: Enter the Base station extension created in Step III.4

Specify domain name:

Domain Name: Enter the IP address of the OmniPCX Enterprise Communication Server

Enable/disable SIP registration:

Register: Checked

Specify SIP registrar:

Username: Enter the User/Base station created in Step III.4 Password: Enter the SIP Authentication password created in Step III.9 IP Address: Enter the IP address of the OmniPCX Enterprise Communication Server Port: (default: 5060) Re-registration Time: (default: 3600)

Specify outbound proxy:

Username: Enter the User/Base station created in Step III.4 Password: Enter the SIP Authentication password created in Step III.9 IP Address: Enter the IP address of the OmniPCX Enterprise Communication Server Port: (default: 5060)

TALK A PHONE Creating Communications Solutions®		VoIP Phone	Apply Refresh Help Logout
Home SIP Settings			
Mainterance Methods Retwork BPS dettings SIP Settings SI	5990 5090 registration: rigistration: rigistration: 5000 (Port Range: 1024-49 5000 (Range: 10-14400 sec 5050 (Port Range: 1024-49 (Po	151)	
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4. Repeat steps 1-4 for any additional VOIP-600 Series Phones.