I. Introduction

This Alcatel-Lucent OmniPCX Integration Guide provides general guidelines for integration of the **VOIP-500 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-500 setup instructions, please consult the **VOIP-500 Series Phone Manual**.

II. Prerequisites

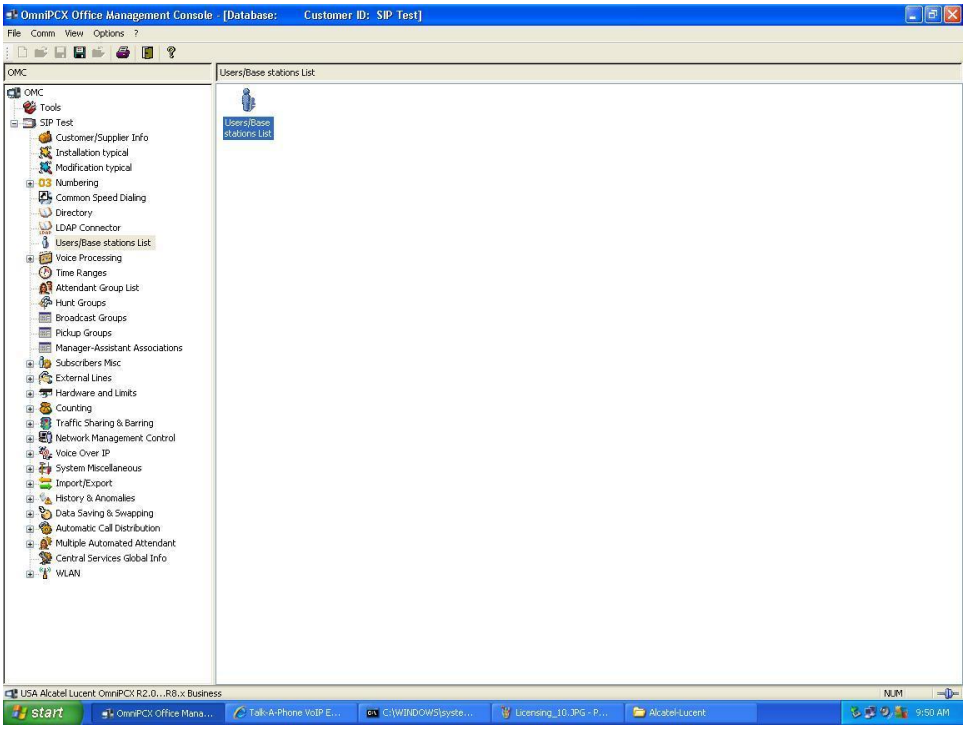
- Alcatel-Lucent OmniPCX Enterprise Communication Server
- SIP Device Licensing for Third-party SIP (Basic) devices
- Network access to the OmniPCX Server, **VOIP-500 Series Phones**, and all network services (SIP, TFTP, HTTP, FTP, DNS, RTP/SRTP)

III. OmniPCX Basic Configuration

This document provides basic guidelines for integrating a **VOIP-500 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**:



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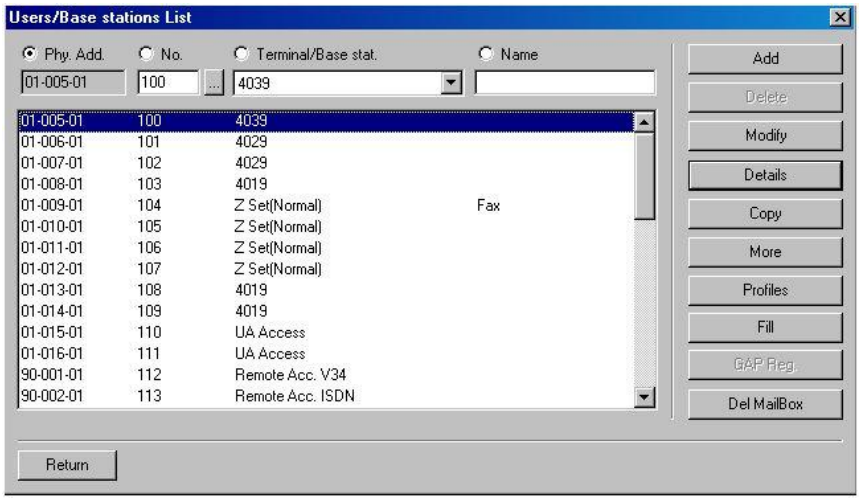
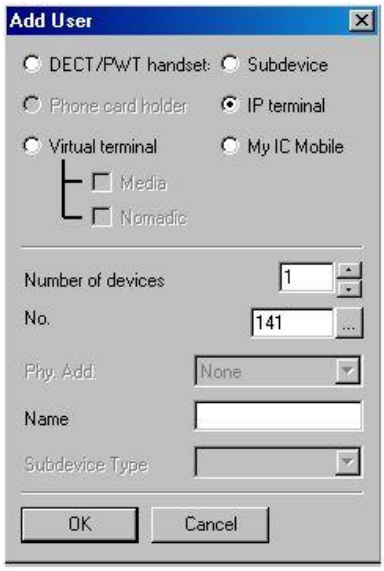
3. Click **Add** in the Users/Base stations List window:



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



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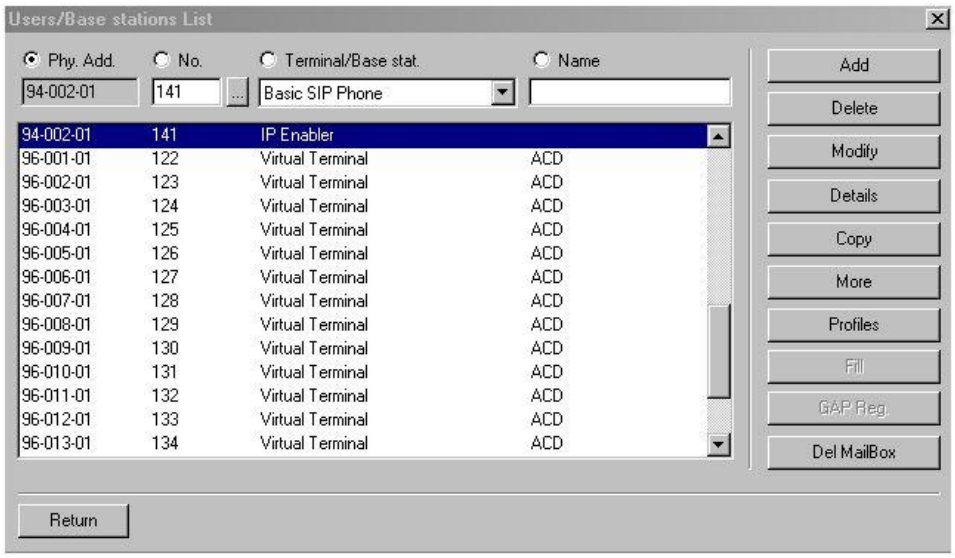
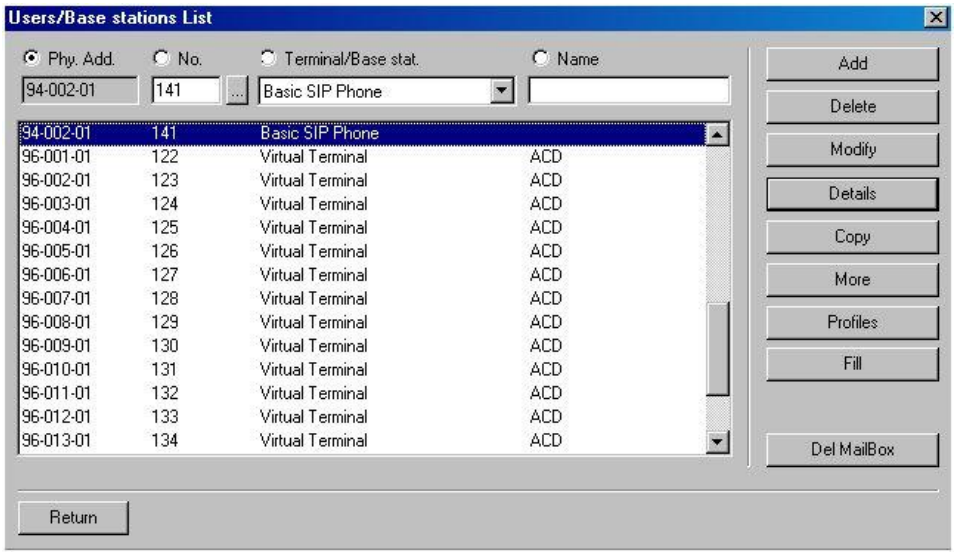
5. Select the newly created station then select **Basic SIP Phone** from within the drop-down menu below Terminal/Base stat. Then press **Modify**:



6. Select the new station again and press **Details**:



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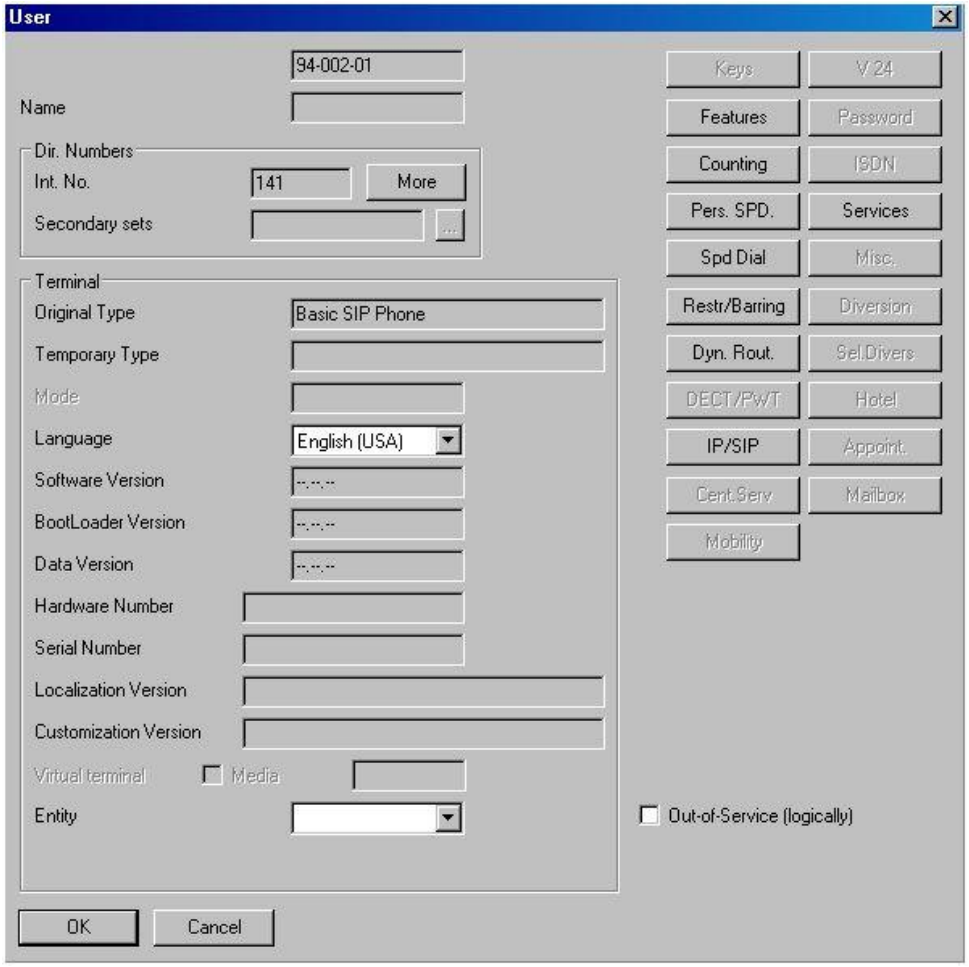
7. On the User window, press **IP/SIP**:



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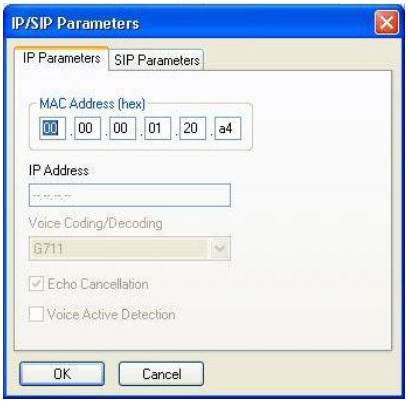
8. Enter the **MAC Address** of the **VOIP-500 Series Phone**:



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

10. If adding multiple **VOIP-500 Series Phones**, repeat Steps 3-9 for each device.

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IV. VOIP-500 Series Phone Configuration

1. Using a web browser, enter the IP address of the **VOIP-500 Series Phone** that you are programming. Login to the device with the configured Username and Password.

2. In the VOIP-500 main menu, select **Network > SIP Settings**.

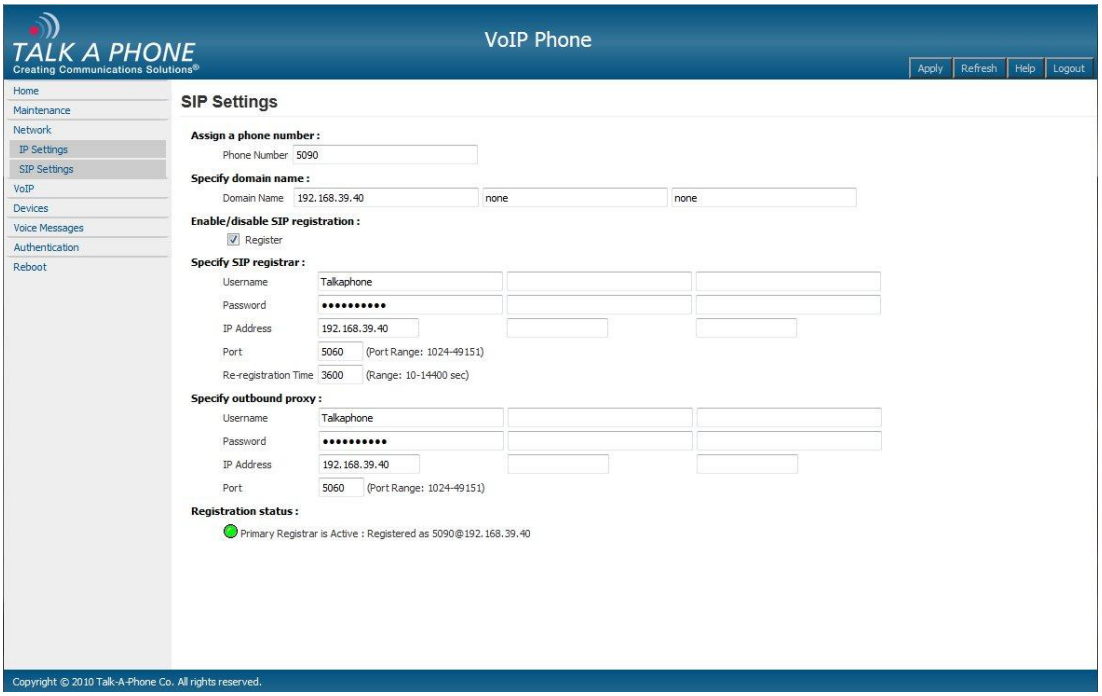
3. Enter the following fields on the **SIP Settings** page. Then click **Apply**.
   Assign a phone number:
   Phone Number: Enter the Base station extension created in Step III.4

   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)



4. Repeat Steps 1-4 for any additional **VOIP-500 Series Phones**.

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