



Interoperability Guide

Integrating NetVanta UC Server with Avaya IP Office 500 V2 Using TAPI

This interoperability guide provides instructions for integrating NetVanta Unified Communications (UC) Server with the Avaya IP Office 500 V2 private branch exchange (PBX). It provides an overview and instructions for the integration. Also, included in this guide is a list of the required equipment and equipment connections for the integration, the features supported by the integration, and the verified functionality of the integration.

This guide consists of the following sections:

- *Avaya IP Office PBX 500 V2 Integration Overview on page 2*
- *Hardware and Software Requirements and Limitations on page 3*
- *Conventions on page 5*
- *Integrating Avaya IP Office PBX with NetVanta UC Server on page 5*

Avaya IP Office PBX 500 V2 Integration Overview

The Avaya IP Office 500 V2 is a modular PBX that provides telephony, messaging, networking, conferencing, and customer management. To enhance these capabilities, NetVanta UC Server can be integrated with the Avaya IP Office PBX to provide automated attendant (auto attendant), voicemail services, fax server, and other unified communication features.

Integration Overview

The network diagram shown in *Figure 1 on page 3* was used for interoperability verification between NetVanta UC Server and the Avaya IP Office PBX. Connection between the NetVanta UC Server and Avaya IP Office PBX consists of two analog connections (tip and ring) and a Telephony Application Programming Interface 2 (TAPI 2) connection. The analog connections provide media for both voice and fax messages, while the TAPI 2 connection provides control for telephony functions.

The 2-wire analog single-line circuits are connected to a Dialogic card in the NetVanta UC Server computer. Each Dialogic port simulates 2-wire analog lines. Caller information and call reason information is conveyed to the NetVanta UC Server through Avaya IP Office's third-party TAPI implementation. The server then answers and plays the appropriate greeting. Message waiting indicators (MWIs) are set and cancelled using the TAPI interface.

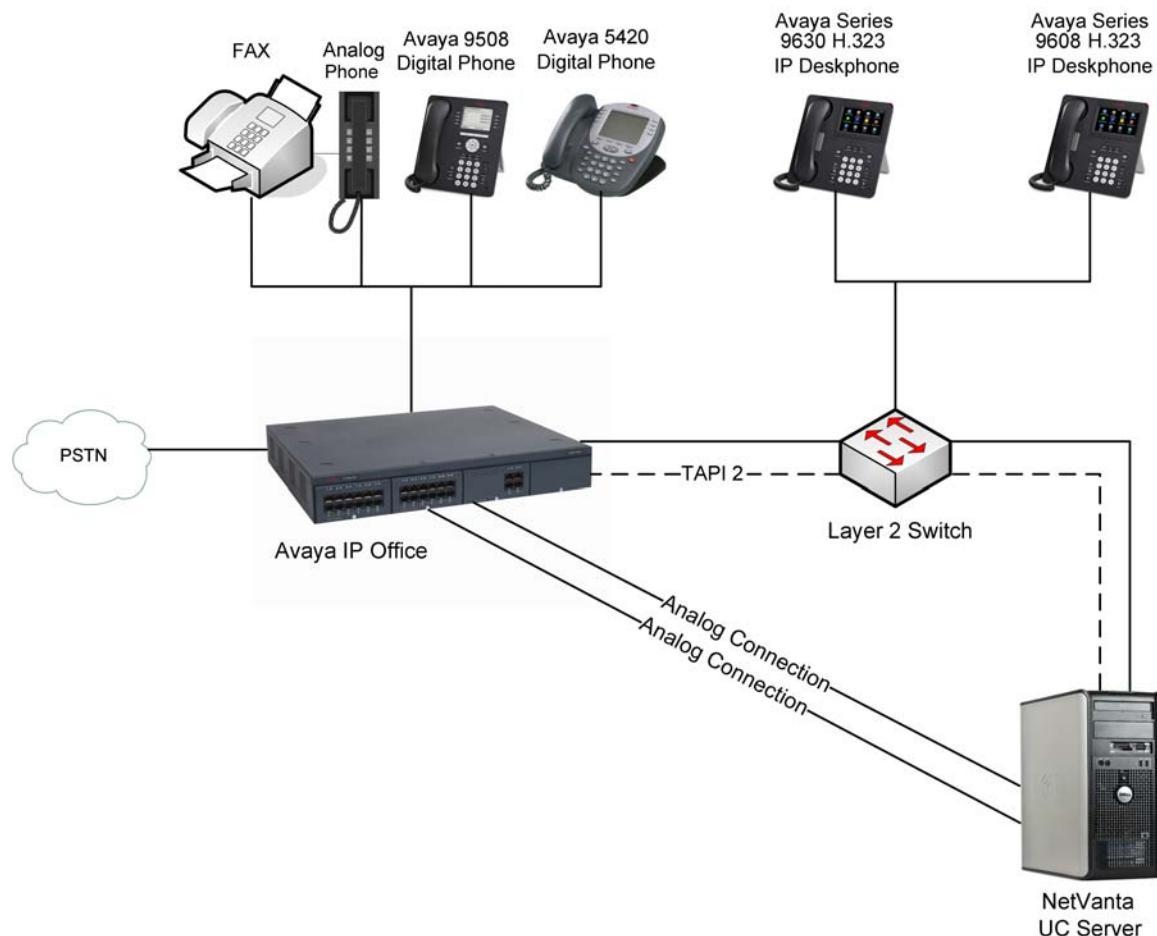


Figure 1. Network Topology Used for Verification

Hardware and Software Requirements and Limitations

NetVanta UC Server integration with Avaya IP Office PBX has only been verified using NetVanta UC Server software version 5.2.0.8058 and Avaya IP Office PBX 500 V2 software version R8.1.



The instructions in this guide also apply to Avaya IP Office PBX Server Edition R8.1. However, Avaya IP Office PBX Server Edition requires an Expansion IP Office 500 v2 R8.1 to support analog or digital endpoints or trunks.

Equipment and Versions

The following table outlines the equipment and firmware versions used in verification testing.

Table 1. Verification Test Equipment and Firmware Versions

Product	Firmware Version
Avaya IP Office PBX 500 V2	R8.1 (56)
Avaya TAPI 2	User CD 4.2 (47) TAPI Installer version 3.2.27
Avaya 9608 IP Deskphone (H.323)	6.2.2 (Service Pack 2)
Avaya 9641G IP Deskphone (H.323)	6.2.2 (Service Pack 2)
Avaya 9630 IP Deskphone (H.323)	3.1.5
Avaya 5420 Digital Telephone	N/A
Avaya 9508 Digital Telephone	N/A
Generic Analog/Fax	N/A
NetVanta UC Server on Microsoft Windows 2008 Standard R2	5.2.0.8058

Verification Performed

The interoperability compliance test included both feature functionality and serviceability testing. The feature functionality testing focused on the interoperation of NetVanta UC Server voicemail, automated attendant, and fax server features with the Avaya IP Phones and the Avaya IP Office PBX. The serviceability testing focused on the ability of the NetVanta UC Server to recover from disconnection and reconnection to the Avaya IP Office PBX and Avaya phones. Verification testing included the following features:

- Creation and appropriate playback of internal, external, and out-of-office greetings for all voicemail users.
- Voicemail recording, logging, and retrieval for users with analog, digital, and H.323 telephone types.
- Proper activation and deactivation of the MWI for all voicemail users.
- Proper operation of the auto attendant with the ability to transfer from the NetVanta UC Server to digital, analog, and H.323 telephones attached to Avaya IP Office PBX.
- Local and remote faxing to and from the NetVanta UC Server through the public switched

telephone network (PSTN).

- Dual-tone multi-frequency (DTMF) operation with voicemail and auto attendant.
- G.711u coder-decoder (CODEC) operation.

Conventions

Below is a list of naming conventions used in this document. The first example shows the naming convention used for the first occurrence; the second example shows the naming convention used for subsequent occurrences.

Type	Convention Example
Client Software	NetVanta Unified Communications Client software or NetVanta UC Client software
Server Software	NetVanta Unified Communications Server software or NetVanta UC Server software
Hardware	NetVanta Unified Communications Server computer or NetVanta UC Server computer - the computer on which the server software is installed.
NetVanta Unified Communication Products	NetVanta Enterprise Communications Server or NetVanta ECS

Integrating Avaya IP Office PBX with NetVanta UC Server

After the Avaya IP Office PBX and NetVanta UC Server are set up, only a few additional configuration steps are required to integrate the Avaya IP Office PBX with NetVanta UC Server. Specifically, users, analog ports, huntgroups, and the system voicemail must be configured on the Avaya IP Office PBX. On the NetVanta UC Server, TAPI 2 drivers must be installed, the Avaya IP Office PBX must be added as a communication system, and ports, users, and attendant service identities must be configured.

Configuring Avaya IP Office PBX

This section describes the steps required for configuring Avaya IP Office PBX. During the compliance test, a SIP trunk to the PSTN was used. However, configuration of SIP trunks will not be included in this interoperability guide, since the solution is based on analog and TAPI connection to the NetVanta UC Server.

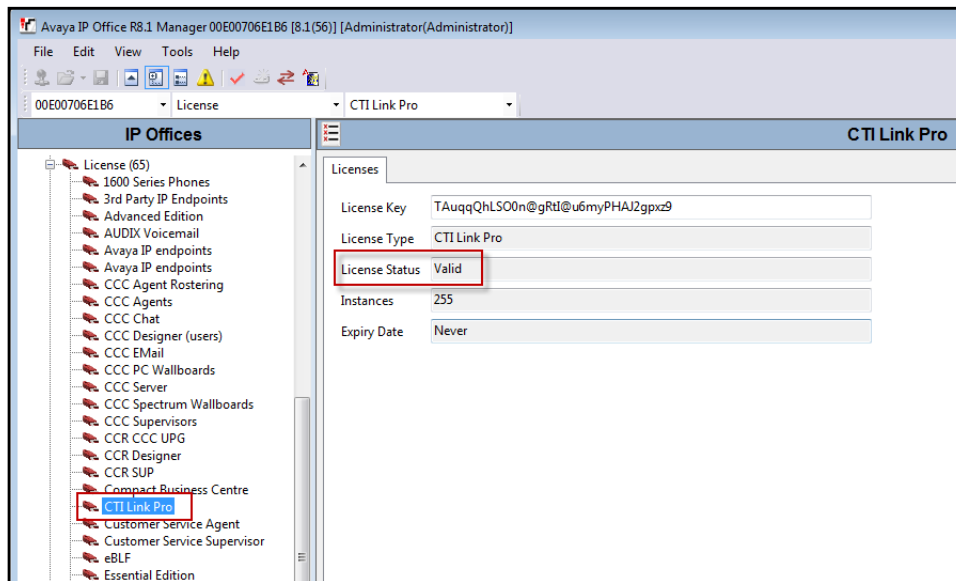
To configure the Avaya IP Office PBX for interoperability with the NetVanta UC Server, follow these steps:

- *Step 1: Verify the Avaya IP Office PBX License on page 6*
- *Step 2: Obtain the LAN IP Address on page 6*
- *Step 3: Configure H.323 Extensions and Users on page 7*
- *Step 4: Configure Analog Ports for Voicemail, Auto Attendant, and Fax Media on page 8*
- *Step 5: Configure Hunt Groups on page 11*
- *Step 6: Configure the System Voicemail on page 11*
- *Step 7: Enable Voicemail for NetVanta UC Server Users on page 12*

Step 1: Verify the Avaya IP Office PBX License

To verify that the Avaya IP Office PBX license is valid, follow these steps:

1. On a PC with the Avaya IP Office PBX Manager application installed, navigate to **Start > Programs > IP Office > Manager** to launch the application.
2. Select the Avaya IP Office PBX system, and log in using the administrator credentials. The Avaya IP Office PBX Manager menu appears.
3. In the configuration tree in the left pane, select **License > CTI Link Pro** to display the **CTI Link Pro** menu in the right pane. Verify that the **License Status** is **Valid**.

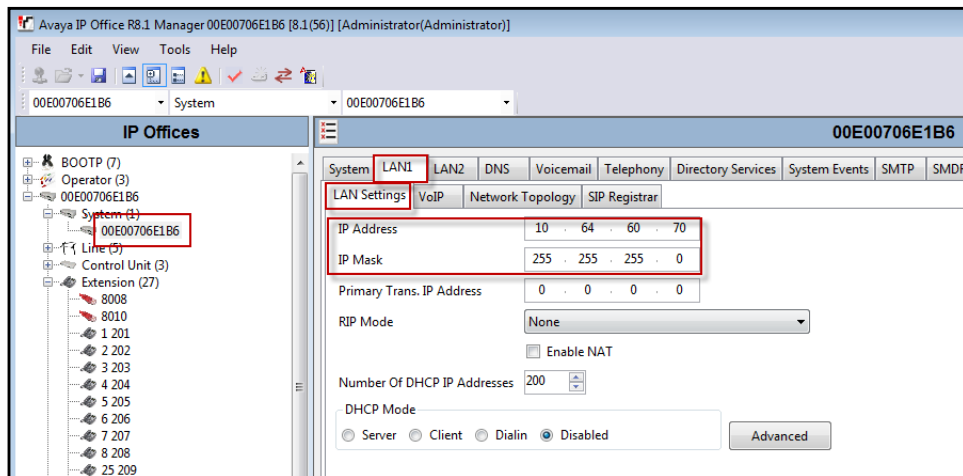


Step 2: Obtain the LAN IP Address

The local area network (LAN) IP address is required when configuring the NetVanta UC Server to connect with the Avaya IP Office PBX using TAPI 2. To obtain the LAN IP address of the Avaya IP Office PBX, follow these steps:

1. In the configuration tree in the left pane of the Avaya IP Office PBX Manager application, select **System** to display the **System** menu in the right pane.
2. In the **System** menu, select the **LAN1** tab, followed by the **LAN Settings** sub-tab.

- Record the **IP Address** and **IP Mask**. These will be used later in the **NetVanta UC Server** configuration.

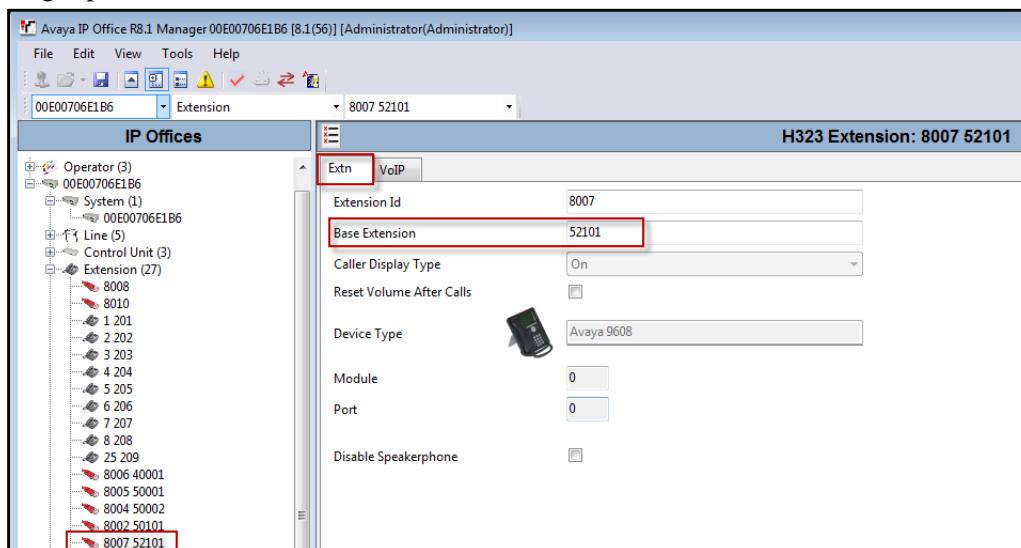


Avaya IP Office PBX can support Session Initiation Protocol (SIP) on both the LAN1 and LAN2 interfaces. The interoperability test used the LAN1 interface.

Step 3: Configure H.323 Extensions and Users

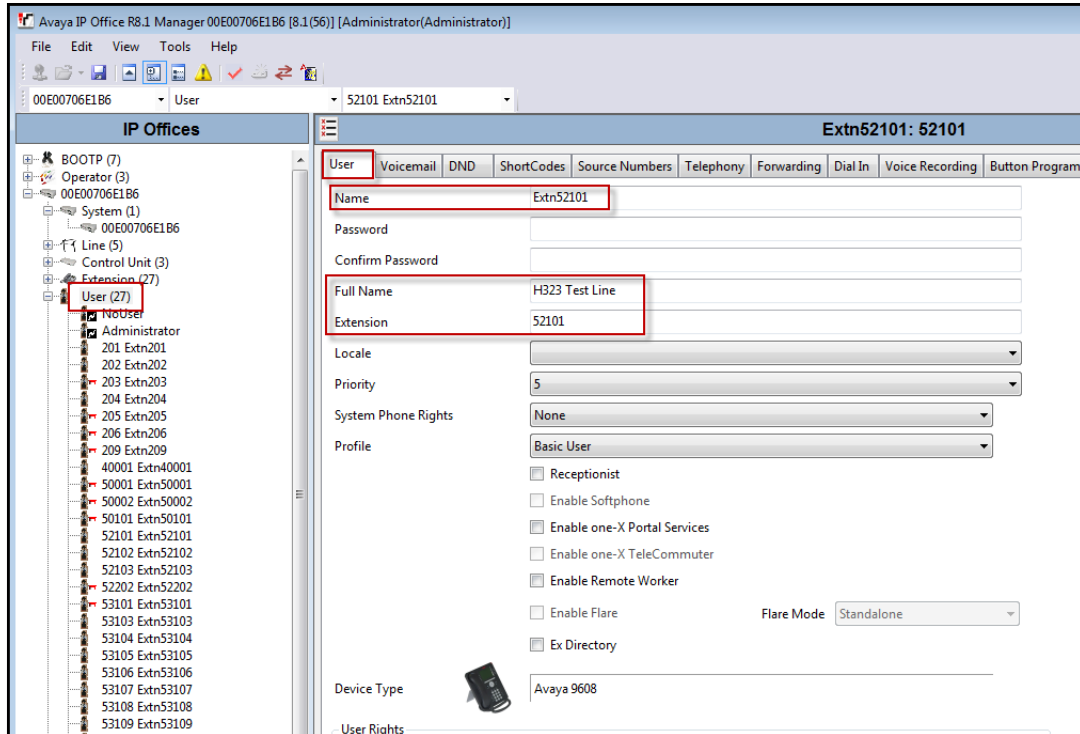
To configure extensions and users for each H.323 device on the Avaya IP Office PBX, follow these steps:

- In the configuration tree in the left pane of the Avaya IP Office PBX Manager application, right-click on **Extension**, and select **New > H.323 Extension** from the drop-down menu to add a new H.323 extension.
- In the right pane on the **Extn** tab, enter the desired extension in the **Base Extension** field.



- Select the **OK** button.

4. In the configuration tree in the left pane of the Avaya IP Office PBX Manager application, right-click **User**, and select **New** from the drop-down menu to add a new user.
5. In the right pane on the **User** tab, enter the desired values in the **Name** and **Full Name** fields, and enter the H.323 extensions specified in *Step 2* in the **Extension** field.



6. Select the **OK** button.
7. Repeat the Steps 1 through 6 for each H.323 extension and user that is needed.

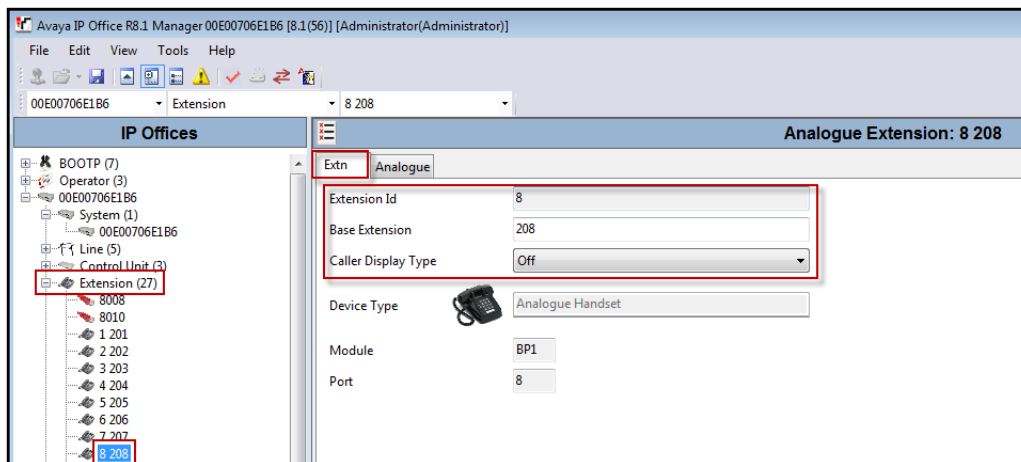
Step 4: Configure Analog Ports for Voicemail, Auto Attendant, and Fax Media

The NetVanta UC Server uses analog trunks to connect to the Avaya IP Office PBX for sending voicemail, accessing the auto attendant, and fax media. For each analog trunk that connects to the NetVanta UC Server, an analog port must be created. At minimum, two analog ports (two sets of analog extensions and users) should be created. The sections below provide instructions for configuring the ports used to physically connect the NetVanta UC Server to the Avaya IP Office PBX.

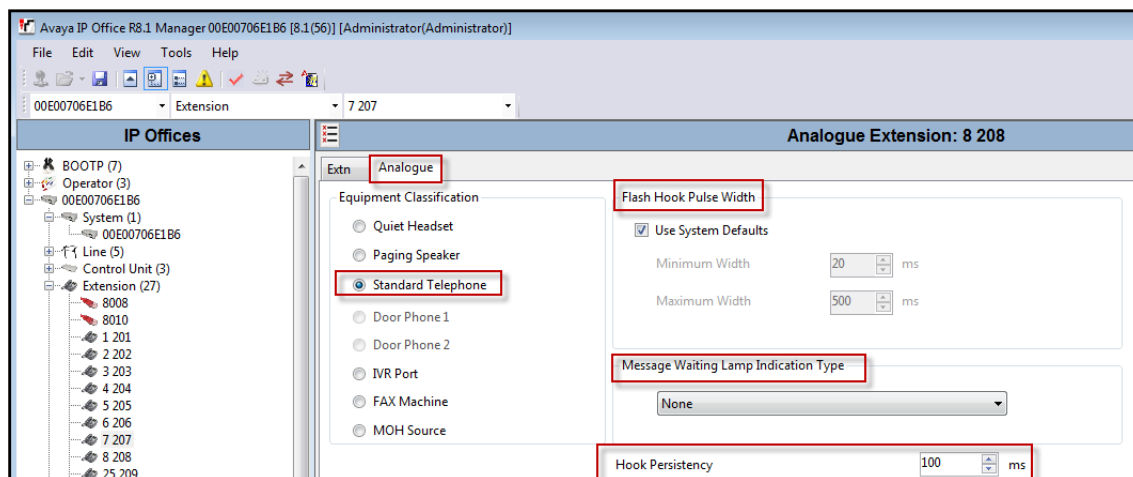
Configuring an Analog Extension for an Analog Port

1. In the configuration tree in the left pane of the Avaya IP Office PBX Manager application, select **Extension**, and select the analog extension that connects to the NetVanta UC Server.
2. Select the **Extn** tab in the right pane.

- In the **Base Extension** field, assign a unique extension number for the voicemail port. Then, select **Off** using the **Caller Display Type** drop-down menu.



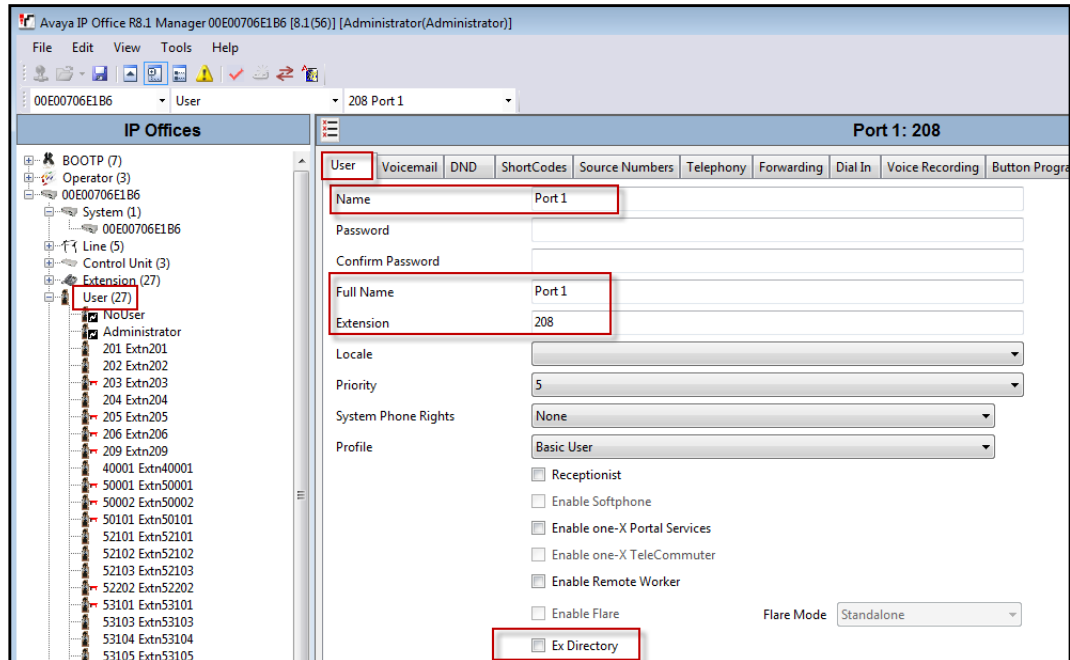
- Select the **Analogue** tab in the right pane.
- In the **Equipment Classification** section, select the **Standard Telephone** radio button. In the **Flash Hook Pulse Width** section, select the **Use System Defaults** check box. Use the drop-down menu to set **Message Waiting Lamp Indication Type** to **None**. Finally, enter **100** in the **Hook Persistency** field.



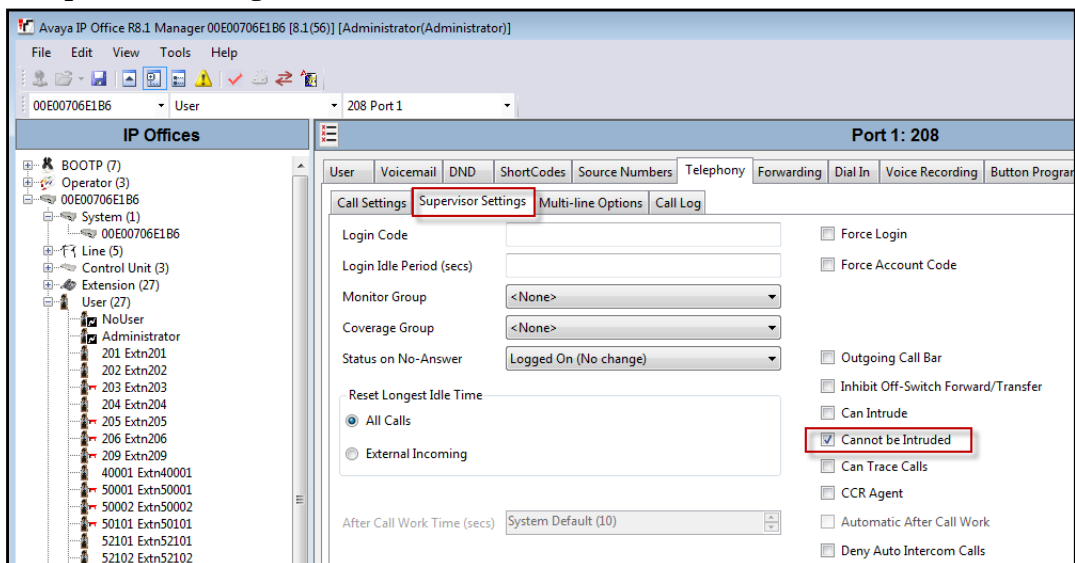
Configuring an Analog User for an Analog Port

- In the configuration tree in the left pane of the Avaya IP Office PBX Manager application, select **User** and select the analog user associated with the NetVanta UC Server.
- Select the **User** tab from the right pane.
- In the **Name** field, enter the desired name of the voicemail port. In the **Full Name** field, re-enter the name of the voicemail port. In the **Extension** field, enter the **Base Extension** of the analog extension

configured in *Configuring an Analog Extension for an Analog Port on page 8*. Then, ensure the **Ex Directory** check box is disabled.



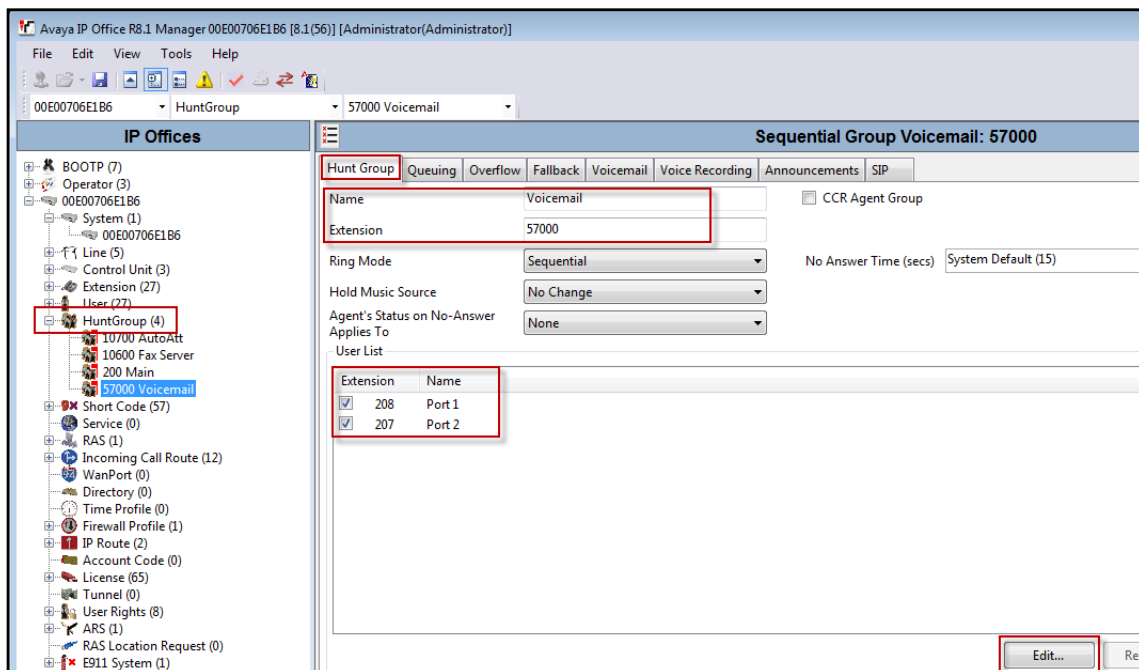
4. Select the **Voicemail** tab and ensure that all fields are blank and all check boxes are disabled.
5. Select the **Telephony** tab, and select the **Supervisor Settings** sub-tab.
6. In the **Supervisor Settings** sub-tab, check the **Cannot be Intruded** check box.



Step 5: Configure Hunt Groups

Three hunt groups were created for interoperability testing; one for voicemail, one for the auto attendant, and one for the fax server. For each hunt group, the ports created in *Step 4: Configure Analog Ports for Voicemail, Auto Attendant, and Fax Media on page 8* should be added as hunt group members.

1. In the configuration tree in the left pane of the Avaya IP Office PBX Manager application, right-click on **Hunt Group** and select **New** from the drop-down menu to add a new hunt group.
2. In the **Name** field, enter the desired name for the hunt group. In the **Extension** field, enter the desired extension for the hunt group. Then, select the **Edit** button in the **User List** to add the ports created in *Step 4: Configure Analog Ports for Voicemail, Auto Attendant, and Fax Media on page 8*. The configuration for the voicemail hunt group used in the interoperability tests is shown in the figure below.

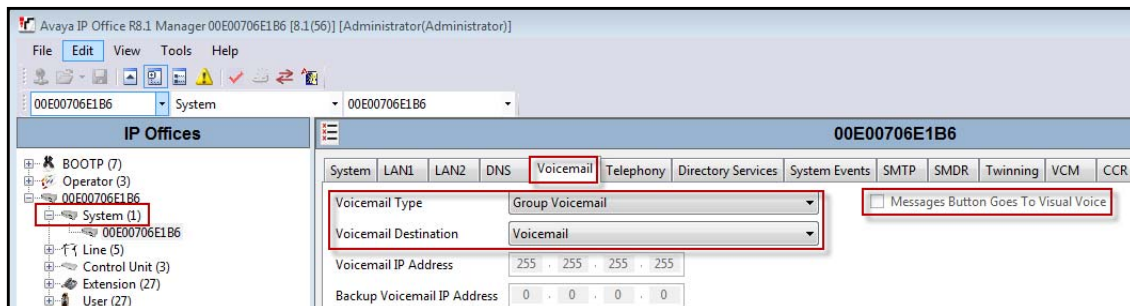


Step 6: Configure the System Voicemail

To configure the Avaya IP Office PBX system voicemail, follow these steps:

1. From the configuration tree in the left pane of the Avaya IP Office PBX Manager application, select **System** to display the system's menu in the right pane.
2. In the **System** menu in the right pane, select the **Voicemail** tab.

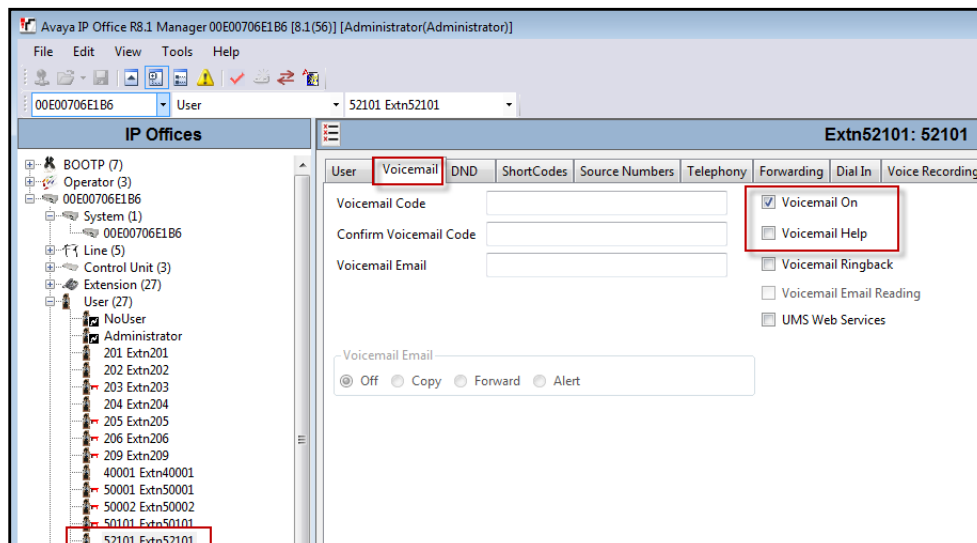
- On the **Voicemail** tab, disable the **Messages Button Goes To Visual Voice** check box. Use the **Voicemail Type** drop-down menu to select **Group Voicemail**. Use the **Voicemail Destination** drop-down menu to select the name of the voicemail hunt group configured in [Step 5: Configure Hunt Groups on page 11](#).



Step 7: Enable Voicemail for NetVanta UC Server Users

To enable voicemail on the Avaya IP Office PBX for NetVanta UC Server users, follow these steps:

- From the configuration tree in the left pane of the Avaya IP Office PBX Manager application, select a user that will use the NetVanta UC Server for voicemail.
- In the right pane, select the **Voicemail** tab.
- Enable the **Voicemail On** check box, and disable the **Voicemail Help** check box.



Configuring ADTRAN NetVanta UC Server

This section describes the basic configuration required for NetVanta UC Server to communicate with Avaya IP Office PBX.

To configure the NetVanta UC Server for interoperability with the Avaya IP Office PBX, follow these steps:

- [Step 1: Install the TAPI2 Service Provider on page 13](#)
- [Step 2: Configure the TAPI Driver on page 13](#)

- *Step 3: Configure the Avaya IP Office PBX Communication System on page 14*
- *Step 4: Configure Ports on page 16*
- *Step 5: Create and Configure New Users on page 17*
- *Step 6: Configure Attendant Service Identities on page 20*

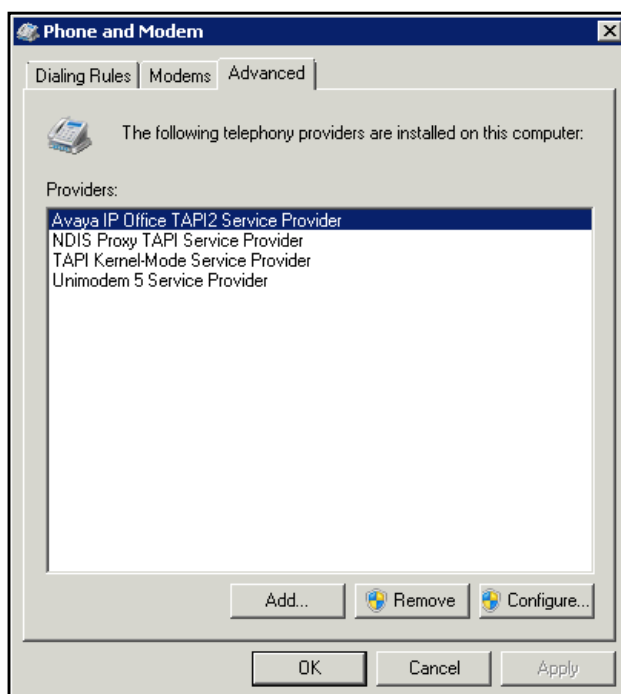
Step 1: Install the TAPI2 Service Provider

Avaya's TAPI2 Service Provider is installed from the Avaya IP Office User CD 4.2. To install the TAPI2 Service Provider, follow these steps:

1. Insert the Avaya IP Office User CD into the NetVanta UC Server computer.
2. Use **Computer** to open the Avaya IP Office User CD directory.
3. In the Avaya IP Office User CD, open the **tapi** folder, and double-click **tapiSetup.exe** to open the TAPI installation wizard.
4. Select **Next** on the wizard's welcome menu to begin installing TAPI. The **Select a User Name** menu will appear.
5. In the **Select a User Name** menu, enter your Avaya IP Office PBX **User Name** and **User Password** in the provided fields. Then select **Next**.
6. Select **Install**. TAPI will install on the NetVanta UC Server computer.
7. When prompted to restart the NetVanta UC Server computer, select **Yes** to reboot.

Step 2: Configure the TAPI Driver

1. From the NetVanta UC Server computer, navigate to **Start > Control Panel**, and select the **Phone and Modem** icon. The **Phone and Modem** menu will appear.
2. In the **Phone and Modem** menu, select the **Advanced** tab. Then select the **Avaya IP Office PBX TAPI 2 Service Provider** entry, and select **Configure**. The **Avaya TAPI2 configuration** menu appears.



3. In the **Switch IP Address** field, enter the LAN IP address of the **Avaya IP Office PBX** that you recorded in *Step 2: Obtain the LAN IP Address on page 6*. Select the **Third Party** radio button, and enter the Avaya IP Office PBX password into the **Switch Password** field.

The screenshot shows the 'Avaya TAPI2 configuration' dialog box. At the top, there is a 'Switch IP Address' text box containing '10.64.60.70'. To the right of this field are 'OK' and 'Cancel' buttons. Below this is a radio button labeled 'Single User'. Underneath are two text boxes: 'User Name' and 'User Password'. Below that is another radio button labeled 'Third Party', which is selected. Underneath it is a 'Switch Password' text box filled with asterisks. At the bottom, there are three unchecked checkboxes: 'EW Directory Users', 'WAV Users', and 'ACD Queues'.

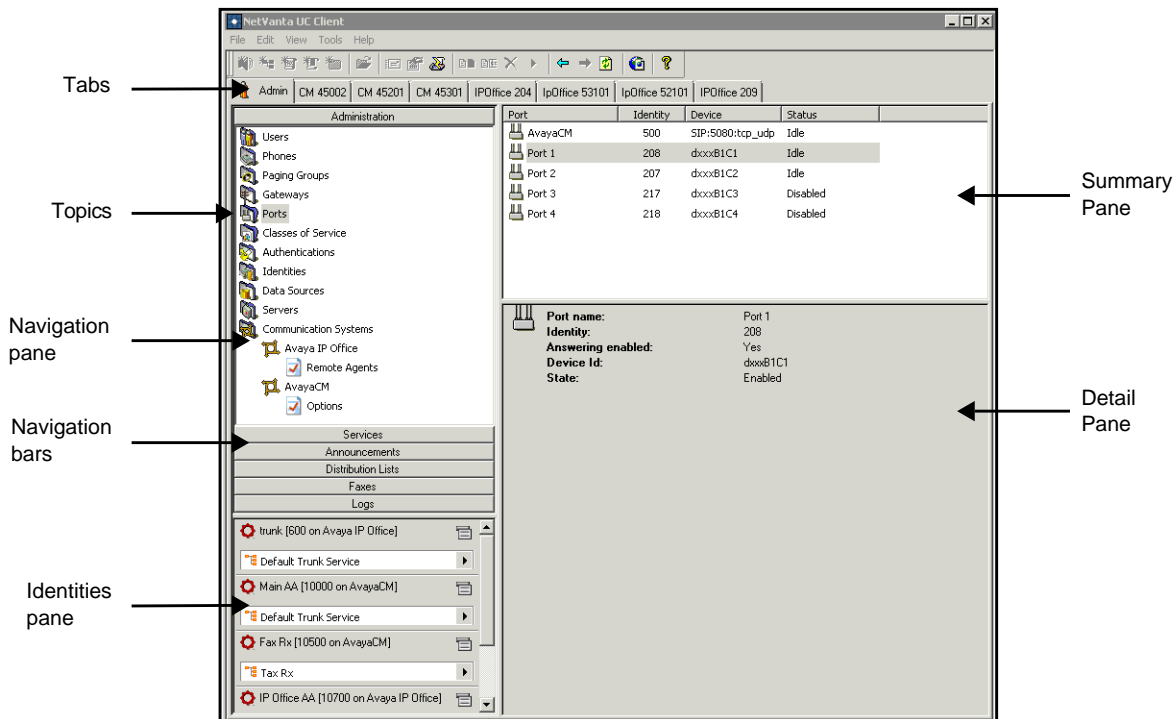
4. Reboot the NetVanta UC Server.

Step 3: Configure the Avaya IP Office PBX Communication System

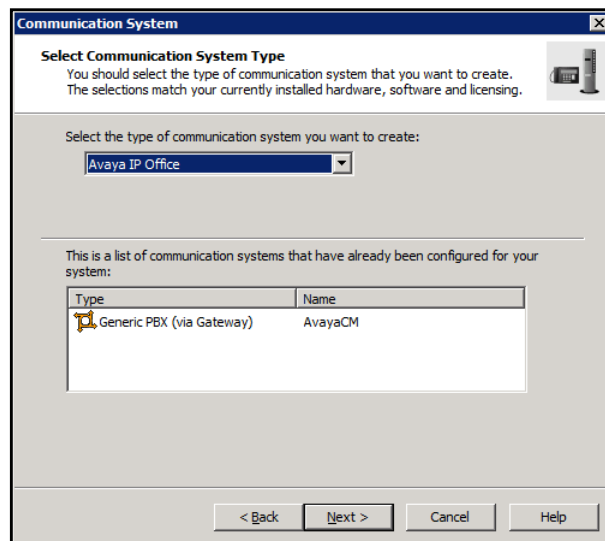
In order to configure the NetVanta UC Server to communicate with the Avaya IP Office PBX, you must add the Avaya IP Office PBX as a communication system in NetVanta UC Server. To do this, follow these steps:

1. Navigate to **Start > All Programs > ADTRAN > NetVanta UC Server > NetVanta UC Client** to open NetVanta UC Client.
2. Log in to the NetVanta UC Client as an administrator.

- In the **Admin** tab of the NetVanta UC Client, select the **Administration** navigation bar. Then, select the **Communication System** topic from the navigation pane.



- Right-click **Communication System** navigation pane, and select **New** from the drop-down menu. The **Communication System Wizard** will appear.
- Select **Next**. The **Select Communication System Type** menu will appear.
- In the **Select Communication System Type** menu, use the drop-down menu to select **Avaya IP Office PBX**. Then, select **Next**. The **Communication System Details** menu will appear.



- In the **Communication System Details** menu, enter the desired answering group number for the communication system in the field provided. This is the directory number dialed to access voicemail. Then select **Next**. The **Ports Configuration** menu will appear.

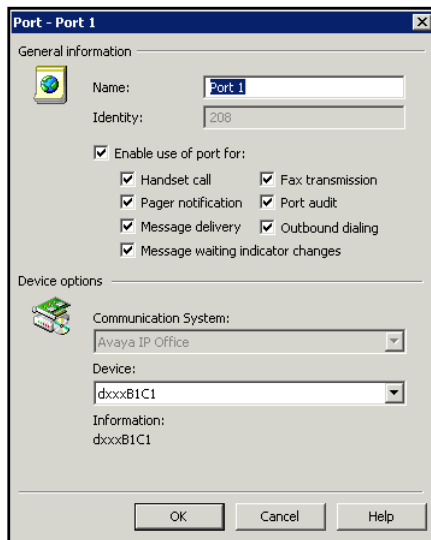
- In the **Ports Configuration** menu, select **Next**. The ports will be configured with the appropriate Avaya IP Office PBX extension in the next section. The configuration **Summary** menu will appear.
- In the **Summary** menu, review the selected properties for the communication system. If you are satisfied with the properties, select **Submit**. NetVanta UC Server will configure the communication system.
- Select **Next** to exit the wizard.

Step 4: Configure Ports

Incoming analog ports must be configured on the NetVanta UC Server for communication with the Avaya IP Office PBX. One port should be configured on the NetVanta UC Server for each port configured on the Avaya IP Office PBX in [Step 4: Configure Analog Ports for Voicemail, Auto Attendant, and Fax Media on page 8](#), and the extensions of the ports configured on the NetVanta UC Server should match those configured on the Avaya IP Office PBX. During interoperability testing, ports 1 and 2 were the analog ports used for integration; however, up to four ports can be used. To configure an analog port on the NetVanta UC Server, follow these steps:

- Navigate to **Start > All Programs > ADTRAN > NetVanta UC Server > NetVanta UC Client** to open NetVanta UC Client.
- In the **Admin** tab of the NetVanta UC Client, select the **Administration** navigation bar. Then, select the **Ports** topic from the navigation pane.
- Right-click one of the ports in the **Ports** summary pane and select **Open** from the drop-down menu. The **Port** menu will appear.
- In the **Identity** field in the **Port** menu, enter the extension of one of the analog ports configured on the Avaya IP Office PBX in [Step 4: Configure Analog Ports for Voicemail, Auto Attendant, and Fax Media on page 8](#). Enable the **Enable use of port for** check box to enable the port, and enable the check boxes

next to the services that will be provided by the port. If more than one port was configured on the Avaya IP Office PBX, some services, such as fax transmission, can be enabled on some ports but not others.



5. Repeat Steps 3 and 4 for each analog port extension configured on the Avaya IP Office PBX.

Step 5: Create and Configure New Users

A user profile should be created on the NetVanta UC Server for each Avaya IP Office PBX user. To create a NetVanta UC Server user, follow these steps:

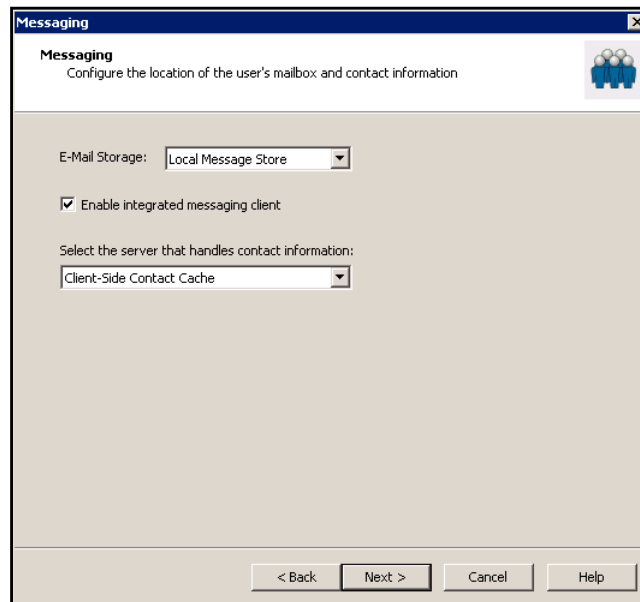
1. In the **Admin** tab of the NetVanta UC Client, select the **Administration** navigation bar. In the **Navigation** pane of the NetVanta UC Client, select the **Users** topic from the left pane.
2. Right-click in the Users summary pane, and select **New** from the drop-down menu to start the **New User Wizard**.
3. Select **Next**. The **User Type Selection** menu will appear.
4. In the **User Type Selection** menu, select the **Local User** radio button to give exclusive control of user information and messaging options to the NetVanta UC Server. Then, select **Next**. The **User Information (Local)** menu will appear.

5. In the **User Information (Local)** menu, enter the first name of the Avaya IP Office PBX user in the **First name** field and the last name of the user in the **Last name** field. Enter the Avaya IP Office PBX extension in the **Identity #** field, and select the **Avaya IP Office PBX** communication system using the adjacent drop-down menu. Then, select **Next**. The **Authentication (Local)** menu will appear.

6. In the **Authentication (Local)** menu, enter the desired login password for the user in the **Password** field, then re-enter the password in the adjacent **Confirm** field. Enter the desired telephone access personal identification number (PIN) in the **PIN** field, then re-enter the PIN in the adjacent **Confirm** field. Then, select **Next**. The **Messaging** menu will appear.

7. In the **Messaging** menu, use the **E-mail Storage** drop-down menu to select **Local Message Store**. Enable the **Enable integrated messaging client** check box. Use the **Select the server that handles**

contact information drop-down menu to select **Client-Side Contact Cache**. Then select **Next**. The **Call Answering** menu will appear.

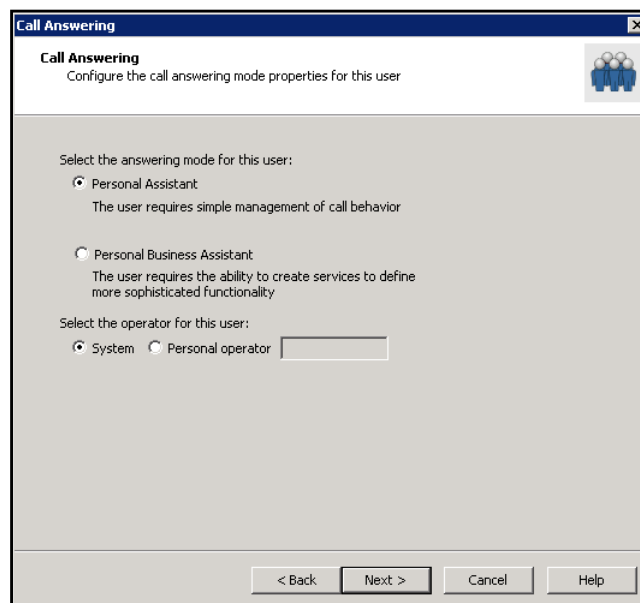


The screenshot shows a window titled "Messaging" with a close button in the top right corner. Below the title bar, the text "Messaging" is followed by the instruction "Configure the location of the user's mailbox and contact information" and a small icon of three people. The main area contains the following settings:

- E-Mail Storage: Local Message Store (dropdown menu)
- Enable integrated messaging client
- Select the server that handles contact information: Client-Side Contact Cache (dropdown menu)

At the bottom of the window, there are four buttons: "< Back", "Next >", "Cancel", and "Help".

- In the **Call Answering** menu, select the **Personal Assistant** radio button if the user only requires simple management of call behavior or select the **Personal Business Assistant** radio button if the user also requires the ability to create services. Then, select **Next**. The **Summary** menu will appear.



The screenshot shows a window titled "Call Answering" with a close button in the top right corner. Below the title bar, the text "Call Answering" is followed by the instruction "Configure the call answering mode properties for this user" and a small icon of three people. The main area contains the following settings:

- Select the answering mode for this user:
 - Personal Assistant
The user requires simple management of call behavior
 - Personal Business Assistant
The user requires the ability to create services to define more sophisticated functionality
- Select the operator for this user:
 - System
 - Personal operator [text box]

At the bottom of the window, there are four buttons: "< Back", "Next >", "Cancel", and "Help".

- In the **Summary** menu, review the settings for the user. If you are satisfied with the settings, select **Submit** to create the user. If you would like to change a setting for the user, select the **Back** button.
- Select **Finish**.
- Repeat Steps 2 through 10 for each Avaya IP Office PBX user.

Step 6: Configure Attendant Service Identities

Attendant service identities must be created for the default auto attendant and for handling services like faxing. To create a new attendant service identity, follow these steps:

1. In the **Admin** tab of the NetVanta UC Client, select the **Administration** navigation bar. In the **Navigation** pane of the NetVanta UC Client, select the **Identities** topic.
2. Right-click in the Users summary pane, and select **New Identity** from the drop-down menu. The **New Identity Wizard** will appear.
3. Select **Next**. The **Select Identity Type** menu will appear.
4. In the **Select Identity Type** menu, use the **Select a communication system** drop-down menu to select **Avaya IP Office PBX**. Use the **Select a user profile** drop-down menu to select **Admin**. Select the **Attendant service** radio button. Then, select **Next**. The **Configure Attendant Identity** menu will appear.

Select Identity Type

Determine the class of identity and a user that will manage its call answering behavior.

Select a communication system: Avaya IP Office

Select a user profile: Admin

Select the class of identity:

User
Creates a new identity typically associated with ucCompanion, a soft-phone or a hard-phone

Ring group
Distributes calls to all members of the group simultaneously

Attendant service
Creates a new identity that handles calls as an automated attendant or service (e.g. IVR, pre-screening, etc.)

Hunt group
Distributes calls to members of the group sequentially based on availability

< Back Next > Cancel Help

5. In the **Configure Attendant Identity** menu, enter a descriptive name for the attendant identity in the **Name** field. Enter the desired extension for the identity in the **Address** field, and use the **Run Service** menu to select a service to associate with the attendant identity. This is the service that will run when a caller calls the attendant identity's extension. Then select **Next**.
6. Select **Finish**.

Verifying IP Office Functionality

The Avaya IP Office PBX Monitor application can be used to verify the proper function of the Avaya IP Office PBX and NetVanta UC Server integration. To run the application, navigate to **Start > Programs > IP Office > Monitor** on a PC running the **Avaya IP Office PBX Monitor** application. You can place calls to and from the NetVanta UC Server and verify proper calling routing and treatment.

The **Avaya IP Office PBX SysMonitor** screen is shown below:

```

Avaya IP Office PBX SysMonitor - [STOPPED] Monitoring 205.168.62.32 (00E00706E1B0); Log Settings - C:\Users\... \sysmonsettings.ini
File Edit View Filters Status Help

Line: type=DigitalExtn 2 Call: lid=0 id=2785 in=0
Called[0] Type=Default (100) Reason=CMBGdirect
004532448S CMTARGET: 0.2785.0 595 Extn204.0: Setting Hard Timer 4000
004532448S CMTARGET: 0.2785.0 595 Extn204.0: LOOKUP CALL ROUTE: type=100 called_party=10700 sub= calling=204 dir=out complete=0 ses=0
004532448S CMTARGET: 0.2785.0 595 Extn204.0: ADD IARGET (N): number=10700 type=100 depth=1 nobar=1 setorig=1 ses=0
004532448S CMTARGET: 0.2785.0 595 Extn204.0: HG(AutoAtt,10700,10.64.60.70) Requires Routing To Master(1). IsLocalExecutive(1)
004532448S CMTARGET: 0.2785.0 595 Extn204.0: HG call targeting occurring here
004532448S CMTARGET: 0.2785.0 595 Extn204.0: PrimeForHGTarget: AutoAtt setorig=1 recall=0 resetExtnVars 1
004532448S CMTARGET: 0.2785.0 595 Extn204.0: AddHGTarget AutoAtt (depth=1) allow=1 type=CMTTypeDefault
004532448S CMCalleEvt: 0.2787.0 -1 BaseEF: NEW CMEndpoint f5158024 TOTAL NOW=3 CALL_LIST=1
004532448S CMTARGET: 0.2785.0 595 Extn204.0: CancelTimer CMCIDelayedProcessing
004532448S CMTARGET: 0.2785.0 595 Extn204.0: INITIAL TARGETING SUCCEEDED
004532478S CMTARGET: 0.2785.0 595 Extn204.0: SetNoAnswerTimer:15
004532478S CMCalleEvt: 0.2786.0 595 TargetingEF: StateChange: END=B CMCIdle->CMCSOffering
004532480S CMCalleEvt: 0.2787.0 595 ACUTep(AutoAtt): StateChange: END=F CMCIdle->CMCSOffering
004532480S CMTARGET: 0.2785.0 595 Extn204.0: CancelTimer CMCNoAnswerTimeout
004532480S CMCalleEvt: 0.2787.0 595 ACUTep(AutoAtt): StateChange: END=F CMCOffering->CMCSRinging
004532480S CMCalleEvt: 0.2786.0 595 TargetingEF: StateChange: END=B CMCOffering->CMCSRinging
004532498S CMCalleEvt: 0.2785.0 595 Extn204.0: StateChange: END=A CMCIdle->CMCSRingBack
004532498S CMCExtTx: v=204, pl=0
CMAlerting
Line: type=DigitalExtn 2 Call: lid=0 id=2785 in=0
IE CMIERespondingPartyName (220) (Type=CNameDefault) name=AutoAtt
IE CMIERespondingPartyNumber (230) (P:100 S:100 T:100 N:100 R:4) number=10700
Time: 20/12/12 15:38
884532508S CD: CALL: 0.2785.0 BState=Ringing Cut=1 Music=2.0 Aend="Extn204(204)" (0.13) Bend="AutoAtt(10700)" [] (0.0) CalledNum=10700 (AutoAtt) CallingNum=204 (Extn204) Internal=1 Time=6244 AState=
884532508S CD: CALL: 0.2785.0 BState=Ringing Cut=1 Music=2.0 Aend="Extn204(204)" (0.13) Bend="AutoAtt(10700)" [] (0.0) CalledNum=10700 (AutoAtt) CallingNum=204 (Extn204) Internal=1 Time=6244 AState=
884532528S CMTARGET: 0.2785.0 595 Extn204.0: PrimeForHGTarget: AutoAtt setorig=0 recall=0 resetExtnVars 0
884532528S CMTARGET: 0.2785.0 595 Extn204.0: AddHGTarget AutoAtt (depth=0) allow=0 type=CMTTypeDefault
884532528S CMTARGET: 0.2785.0 595 Extn204.0: AddHGTargetRingRotary(Segquential) AutoAtt ring_attempt_count 0 index 0
884532528S CMTARGET: 0.2785.0 595 Extn204.0: ADD USER: Port 1 depth=1 disallow now: dnd=0 real_call=1 group_call=1 type=CMTTypeDefault) incl(0x0) except(0x3c), allow_redir(1) remote=00000000 simu
884532528S CMCalleEvt: 0.2788.0 -1 BaseEF: NEW CMEndpoint f5949afe TOTAL NOW=4 CALL_LIST=1
884532528S CMTARGET: 0.2788.0 595 Port 1.0: ADD PRIMARY
884532528S CMTARGET: 0.2785.0 595 Extn204.0: SelectTargetAvailable 1 targets
884532528S CMCalleEvt: 0.2788.0 595 Port 1.0: StateChange: END=T CMCIdle->CMCSOffering
884532558S CMCExtTx: Port 1: CMExtnHandler::SecCurrent( lid: 0-32788 )
884532558S CMCExtTx: v=208, pl=0
CMSetup
Line: type=AnalogueExtn 18 Call: lid=0 id=2 in=0
Called[208] Type=Default (100) Reason=CMBGdirect Calling[204] Type=Internal PlaneDefault
EC: CMC-Speech CMTMCircuit CMTB=4 CMT=Default CMTI=4Low
EChan: slot=0 chan=8
IE CMCICalledPartyName (224) (Type=CNameDefault) name=Port 1
IE CMCICallingPartyName (110) (Type=CNameDefault) name=Extn204
IE CMCIDigitalCalledPartyName (236) (Type=CNameDefault) name=AutoAtt
IE CMCIDigitalCalledPartyNumber (238) (P:100 S:100 T:100 N:100 R:4) number=10700

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