
Nomad VP

Installer & User Guide

Issue	Release Date	Changes
1.0	11-05	Initial Release

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Introduction

Product Description

The *Nomad VP* is a PC-based application which links the operation of an on-screen multi-button telephone with other communications related PC applications.

Nomad VP is visualized on the desk-top and interfaced to the user via the mouse and keyboard. All the features of the traditional *Vodavi IP* multi-button phone are available to the user.

A Phone Book database with links to the user's PIM (Personal Information Manager) provides pop-ups for incoming caller identification. *Nomad VP* users can employ the Phone Book to place calls as well as manage contact records.

Other special functions available to *Nomad VP* users include: appointment scheduling, SMS support, e-mail, and call recording.

Features

The *Nomad VP* application includes the following feature/functions:

- Automatic database synchronization
- Connection Mode (Local/ Remote)
- Database import/export (MS Outlook, GoldMine, ACT!, Excel)
- Display Mode (*Phone/Keypad/Small, Calendar/Keypad*)
- E-mail with MS Outlook
- Flex button labels
- Help
- Incoming call pop-up window
- Phone Book calling
- Phone Book Management
- Program Sharing
- Scheduled Dial
- User call log
- User Short Message Service (SMS)
- Video Conference
- Voice Recording

Installation and Setup

Set-up of the *Nomad VP* is a three step process:

1. Connect the PC to the host *Telenium^{IP}* system.
2. Install the *Nomad VP* application on the user's PC.
3. Complete registration of the *Nomad VP* application to the *Telenium^{IP}* system.

Completing the registration process may require assistance of the system administrator to adjust settings of the *Telenium^{IP}*.

For remote applications, the *Telenium^{IP}* will require entry of the MAC address of the PC running the *Nomad VP*. Also for remote users, the *Nomad VP* will require entry of the host *Telenium^{IP}* system IP address.

If all *Nomad VPs* in the system are operating in Local mode, a VOIME is not required.

If some *Nomad VPs* are operating in the Remote mode and it is expected that several *Nomad VP* users will be making calls simultaneously, it is recommend that a VOIME be used. Also, a VOIME should be used if application sharing will be used frequently.

Prior to installation, the PC and operating system should be verified for compatibility with the *Nomad VP* application. Ensure that the PC and operating system comply with the minimum requirements listed in the two sections.

System Requirements

The minimum requirements for the *Nomad VP* PC are:

- Pentium 4 or compatible CPU
- 1 GHz clock speed or higher
- 256 Mbytes RAM
- 200 Mbytes of free hard-drive space
- 1024 x 768 resolution monitor
- CD-ROM drive

Supported Operating Systems

The *Nomad VP* application can run under any one of several Microsoft Operating Systems including:

- Microsoft Windows XP
- Microsoft Windows 2000

Supported Protocols

- G723.1
- G.711 U-law

Vodavi VP Connection

The PC running the *Nomad VP* application may be connected to the *Telenium^{IP}* system either as a local or remote device. The connection as a local device requires the *Nomad VP* connect to the same LAN as the host *Telenium^{IP}* system. When connecting as a remote device, the PC's MAC address must be assigned as a Remote device in the *Telenium^{IP}* for proper registration and operation. Refer to [Remote Registration Error on page 9](#) for additional information on remote operation. [Figure 1](#) provides a pictorial view of the connections to the *Telenium^{IP}*.

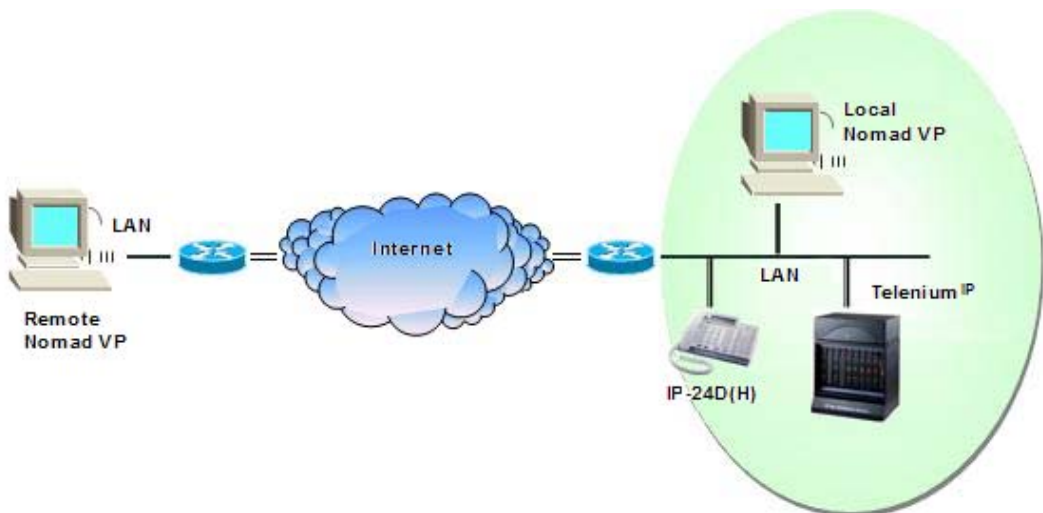


Figure 1: Nomad VP Connections

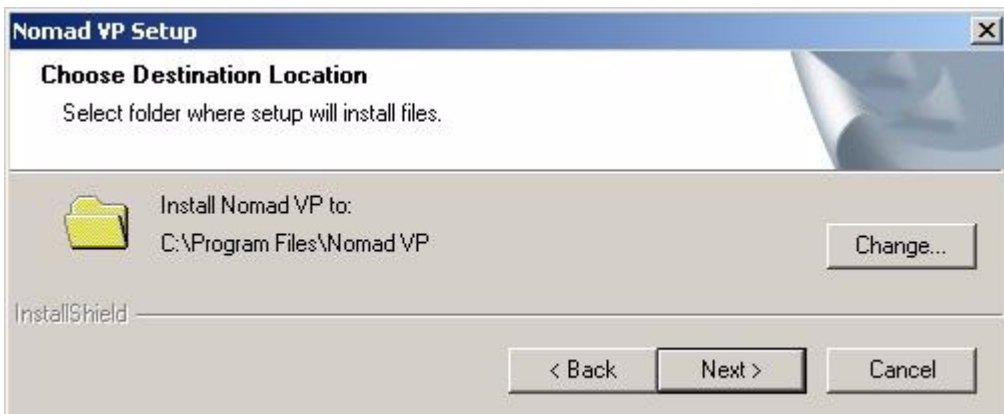
Nomad VP Application Installation

» » » When the *Nomad VP* CD-ROM is placed in the PC, an auto-execute install program will start. The InstallShield Wizard prepares the setup as shown in [Figure 2](#). (To abandon the installation, click Cancel.)

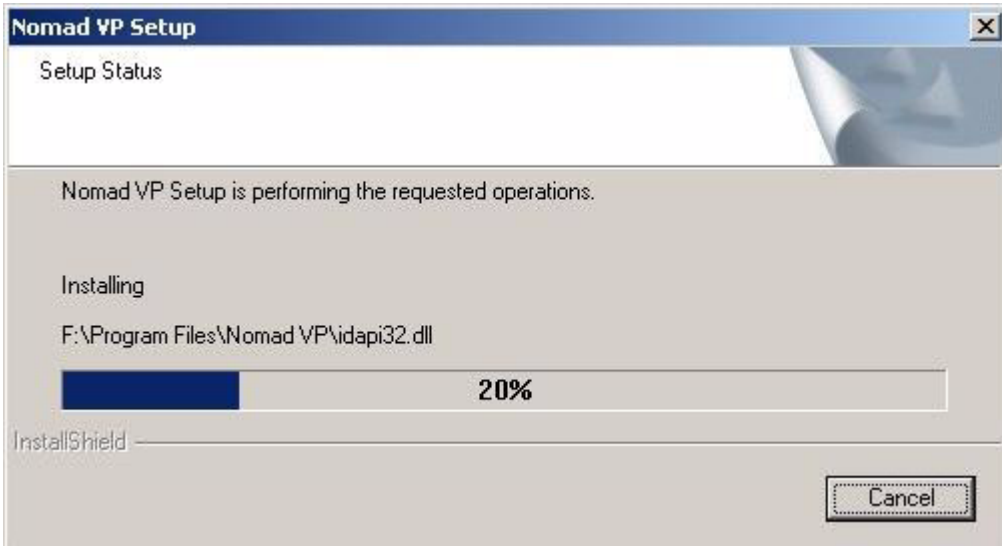


Figure 2: Nomad VP Preparing Setup

» » » In the next installation step, the default destination folder for the *Nomad VP* application can be modified using the **Change...** button. The default directory for installation is "C:\Program Files\Nomad VP\". It is possible to back-up one step in the install process or to cancel the installation. To continue the installation click the **Next>** button.



» » » The *Nomad VP* Setup will show the Setup Status.



» » » Then the InstallShield Wizard Complete screen will appear.



» » » Click **Finish** to exit the wizard.

» » » Once the *Nomad VP* application has been installed, it is necessary to install WinPcap 3.0. Either the installation will automatically open the wizard or use Windows Explorer to navigate to and double-click on the WinPcap_3_0.exe on the *Nomad VP* software CD.



If an earlier version of WinPcap was installed for other applications, uninstall that earlier version prior to installing version 3.0.

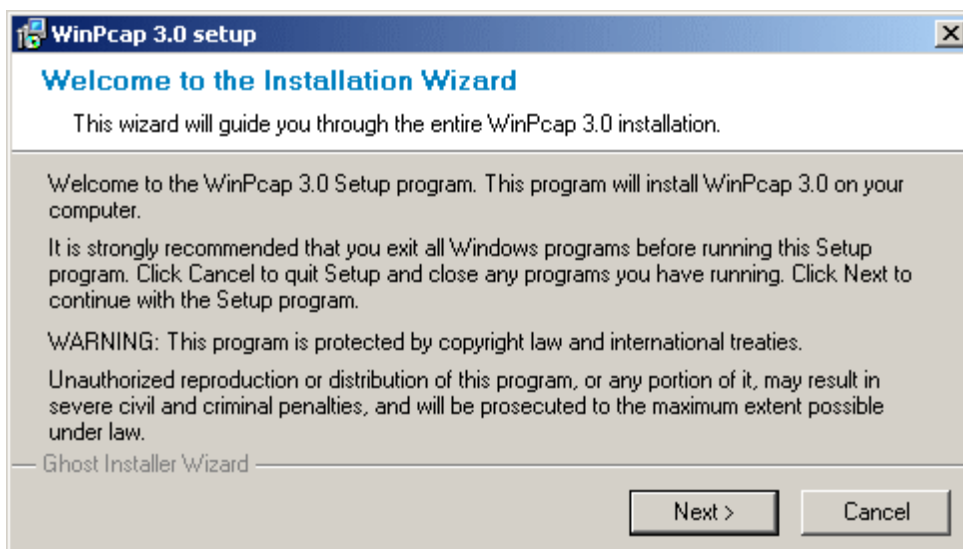
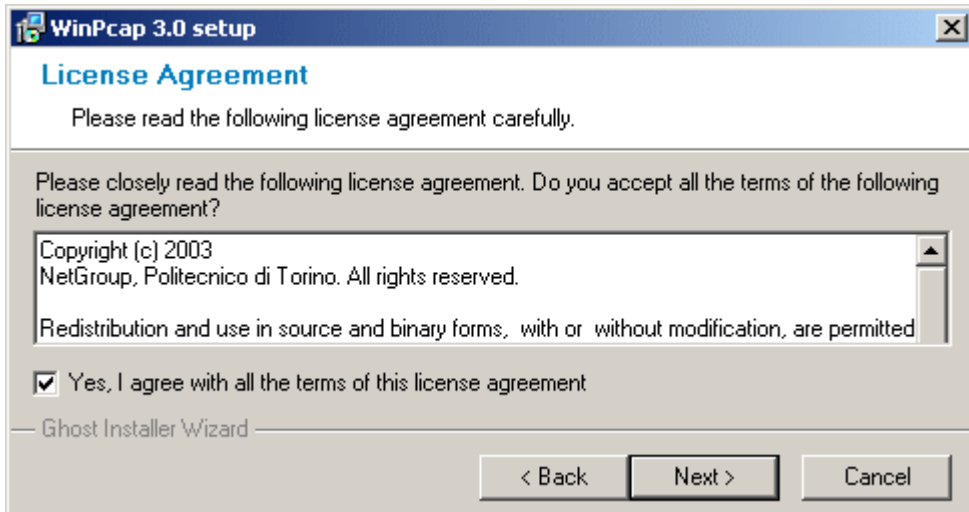


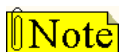
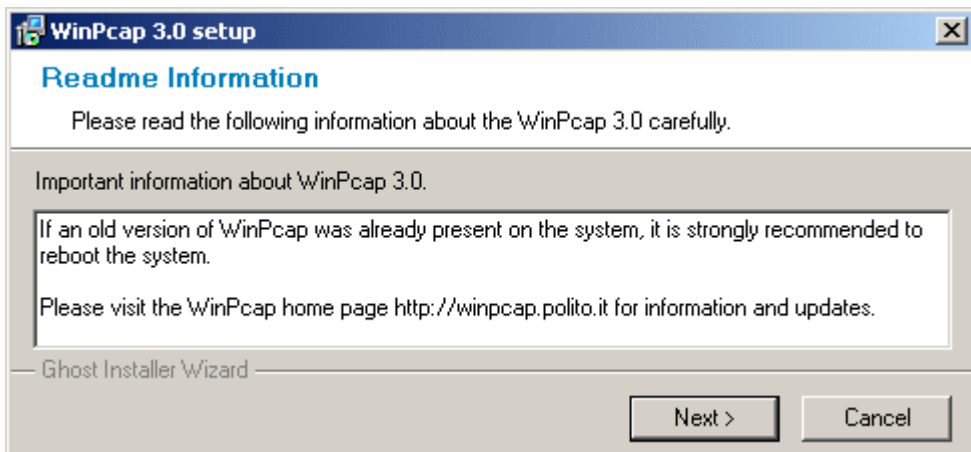
Figure 3: WinPcap 3.0 Wizard

» » » Click the **Next>** button to continue.

» » » You must accept to the WinPcap license terms to complete the installation. Click in the "Yes, I agree" box, then click on the **Next>** button.



» » » Review the Readme Information, then click on the **Next>** button.



After finishing the setup, reboot the system if an old version of WinPcap was already present on the system.

» » » When the "Installation Complete" screen appears, click on the **OK** button to exit the Setup program.

Registration

Nomad VP Lock-key

Prior to registration of the *Nomad VP* with the host *Telenium^{IP}* system, the host *Telenium^{IP}* system will require installation of the *Nomad VP* software lock-key. This is accomplished by the *Telenium^{IP}* system administrator under the system's web-administration Maintenance window. The administrator should refer to the *Telenium^{IP}* Maintenance Manual for guidance.

Registration Process

To run the Nomad VP application:

Click on the *Nomad VP* shortcut icon. The *Nomad VP* application will start and attempt to register with the host *Telenium^{IP}* system.

The initial registration, when locally connected, is automatic assuming the *Telenium^{IP}* system is set to allow registration. Refer to the *Telenium^{IP}* Installation Manual for the MFIM Registration Switch settings.

When the Nomad VP is remotely connected the first time, registration will fail unless pre-registered in a local environment. When this occurs, the host *Telenium^{IP}* system IP address must be entered and the connection mode change to remote in the Registration Error dialog box, [Figure 4 on page 9](#). Ensure the correct MAC "In Use" is displayed in the message window. Registration may fail due to use of an improper IP address or MAC address, which can be corrected as outlined in [Remote Registration Error on page 9](#).

For a locally connected device, audio is from point to point over the LAN, NAT (Network Address Translation) is not supported, and IPSEC is not implemented. For a remotely connected device, audio is handled through a *Telenium^{IP}* system VoIP channel and remote NAT is supported.

Remote Registration Error

If a registration error occurs, you will receive a Registration Error message and dialog box. In the dialog box, you may enter the IP Address for the host *Telenium^{IP}*, and configure the *Nomad VP* Connection mode (refer to [Connection Mode on page 45](#)) and appropriate MAC for the PC.

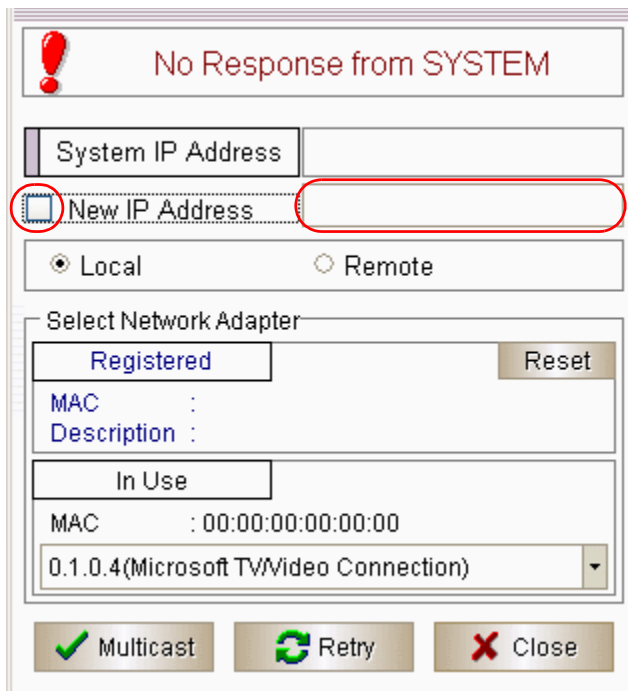


Figure 4: Registration Error Message & Dialog Window

To enter information in the dialog box, complete the following.

SYSTEM IP ADDRESS:

1. Click in the box to the left of the New IP Address label.
2. Then click in the data entry box to the right of the New IP Address label and type the new IP address.

CONNECTION MODE:

Click on the [Local] or [Remote] radio button.

PC NETWORK INTERFACE CARD:

If the PC has multiple NICs (wired, wireless, or VPN network support), select the desired NIC from the drop down menu under "In Use MAC".

After changing characteristics in the message box, it may be necessary to do one or both of the following:

- Click on the [Retry] button to register.
and/or
- Close the *Nomad VP* application, then restart the application.

Registration error messages that may be received include:

No Response from System – there is no connection over the LAN to the host *Telenium^{IP}*, the host IP address is incorrect, the *Telenium^{IP}* is not set for local registration, the wrong NIC (MAC) is being used.

Current Adapter NOT presently Available – the currently defined NIC is in use by another application, not connected, or has failed to properly connect to the LAN.

Nomad VP Operation

Overview

The *Nomad VP* interfaces with the user through the *Nomad VP* window, [Figure 5](#). At the top of the *Nomad VP* window is the Menu bar and below the Menu bar is the *Nomad VP* Tool bar. There are two *Nomad VP* views - Phone and Keypad.

Phone View

The *Phone* view with a Keypad window, [Figure 5](#), emulates the basic *Vodavi IP* phone; an LCD area, keypad and fixed feature buttons are arranged generally as with the traditional *Vodavi IP* phone.

- The fixed feature buttons give you access to features and resources of the *Telenium^{IP}* with the same displays as the LCD of a *Vodavi IP* multi-button phone.
- You can dial with the mouse from the Keypad window or with the numeric keys on the PC keyboard.

- Below the keypad, are the volume control up/down buttons and window selection buttons (Calendar and Keypad).
- The separate Speaker and Microphone icons are used to adjust the volume of the microphone or speaker independently with the adjustment slide bar to the right of the icons.



Figure 5: Phone View w/Keypad Window

The *Keypad* window can be toggled to a *Calendar* window, [Figure 6](#), which links to your Outlook appointment scheduler.

- The *Calendar* view includes a scrolling display of daily events below the *Calendar* and allows access to the scheduler for managing appointments.
- At the bottom of the window, you can access the Short Message Service (SMS) feature of the *Nomad VP* to send short text messages to one or more other users.



Figure 6: Phone View w/Schedule Window (Calendar)

Keypad View

The Keypad view, [Figure 7](#), adds the 4 Keypad folders to the right of the Phone view. The folders include: Flex Button, Phone Book, Call Log, and Scheduled Dial folders.

- The Flex Button folder emulates the multi-button function of the traditional 24-button *Vodavi IP* phone, but includes a toggle to access a window with an additional 24 buttons. The 48 Flex Buttons are used in the same manner as the traditional *Vodavi IP* phone and are fully programmable in the *Telenium^{IP}* system database.

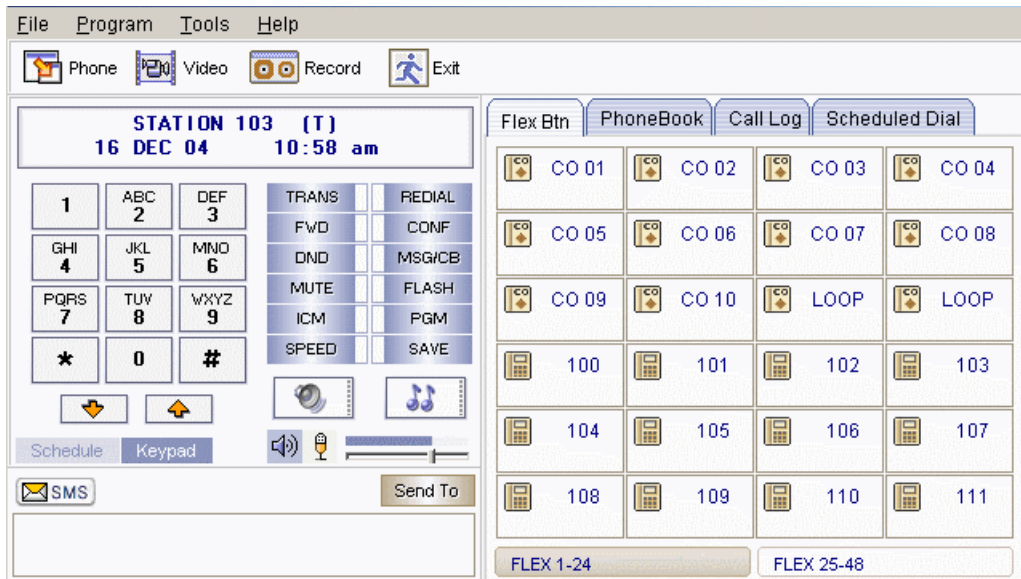


Figure 7: Keypad View

- Your contact manager can be imported for the Phone Book folder, displaying information on contacts registered in the contact manager database (refer to [page 34](#)). The Phone Book is employed to place calls and send e-mails and can be searched, sorted, and edited.
- The Phone Book database can be synchronized with an external source database each time the *Nomad VP* application is run (refer to [page 35](#)). Also, changes made to the Phone Book database can be automatically exported to the external database to maintain synchronization (refer to [page 34](#)).

- The Call Log folder maintains a database with a record of each call placed or received by the *Nomad VP*. The Call Log, if enabled, can be viewed, sorted, and printed or can be disabled so no log records are generated.
- In the Scheduled Dial folder the user can input a phone number and a date & time to call the number; at the scheduled time the system will confirm and place the requested call.

Placing & Receiving Calls

Placing a Call

The basic operation of placing a call from the *Nomad VP* is the same as the traditional *Telenium^{IP}* multi-button phone. Dialing is accomplished by selecting digits from the Keypad window with the mouse or using numeric keys on the PC keyboard.

For internal calls to other Telenium^{IP} system users:

1. Dial the station number or press a DSS/BLF Flex button. The digits will display in the LCD area.
2. Press the "Space" bar or click on the [Speaker] button with the mouse to terminate the call.

For calls external to the Telenium^{IP} system:

1. Select a Line button or dial the CO access code (generally "9").
2. Dial the desired number.
3. Press the "Space" bar or select the [Speaker] button with the mouse to terminate the call.

In addition to the basic calling operation, you can also place calls by selecting records from the Phone Book folder ([Phone Book Folder on page 21](#)) or Call Log folder ([Call Log Folder on page 23](#)).



The Video Phone application must be the active application in order to place a call.

Calls can be placed using telephone numbers from another application, while the *Nomad VP* is minimized.

To place a call with a number from another application:

1. Select and copy the desired digit string (Ctrl + C).
2. Press "Ctrl + Shift + D" to dial.

Receiving a Call

When a call is received, the phone will "ring" and the Caller Information window will appear below the *Nomad VP* window, *Figure 8*. The window shows the caller ID delivered from the *Telenium^{IP}* system and the name associated from the Phone Book database. By selecting More from the window, the complete Phone Book record will be displayed.

- If a call is received while the *Nomad VP* is minimized and it is still the active program, the *Nomad VP* and Caller Information window will pop-up to display the incoming call.
- If a call is received while the *Nomad VP* is minimized and another application is the active program, the *Nomad VP* icon will appear in a flashing state on the Windows Taskbar. In this case, click on the *Nomad VP* icon to make *Nomad VP* the active program and answer the call.

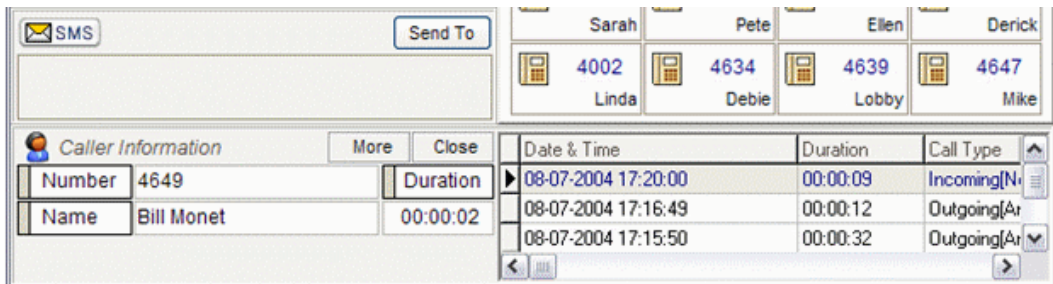


Figure 8: Caller Information Window

To answer and then end the call:

1. Press the "Space" bar or click on the [Speaker] button with the mouse to answer the call.
2. Press the "Space" bar or click on the [Speaker] button with the mouse to terminate the call.



The Video Phone application must be the active application in order to receive a call.

Using Telenium^{IP} System Features

The *Nomad VP* has complete access to all of the system features, as well as the features available to the traditional *Vodavi IP* phones, with the few exceptions based on the differences in the user platform (refer to [Nomad VP User Programming on page 48](#)). The fixed feature keys operate in the same manner as the *Vodavi IP* phones except the mouse is used to select dial pad and feature buttons. For operation of the features, refer to the *Telenium^{IP} User Guide*.

Appointment Calendar

The *Nomad VP* Calendar window displays a monthly calendar and a scrolling appointment display below the calendar of daily appointments derived from your Outlook scheduler.

- By right-clicking the mouse over a date on the calendar that has appointments already scheduled, an Appointment Summary window is displayed over the Calendar window, [Figure 9](#).

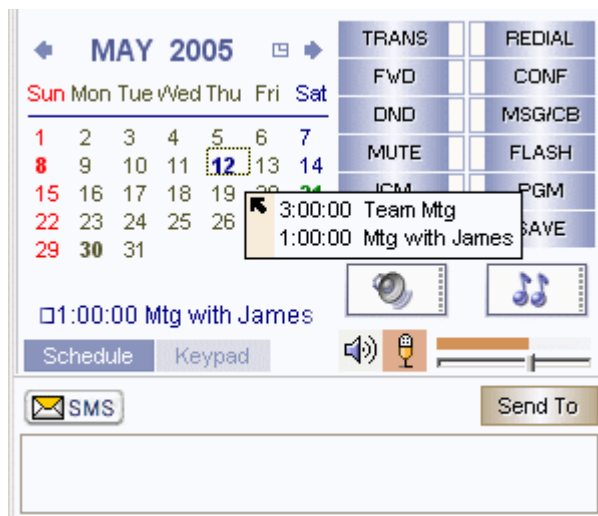


Figure 9: Appointment Summary in Calendar Window

- The *Nomad VP* Calendar window permits on screen access to the Outlook scheduler in two ways:
Double-click on a date in the Calendar to set up a new appointment.
-or-
Right-click the mouse over a calendar date that has appointments already scheduled, then double-click on an appointment in the Summary window. *Nomad VP* will call the Outlook scheduler so that you can add or modify an appointment in the Scheduler edit box.

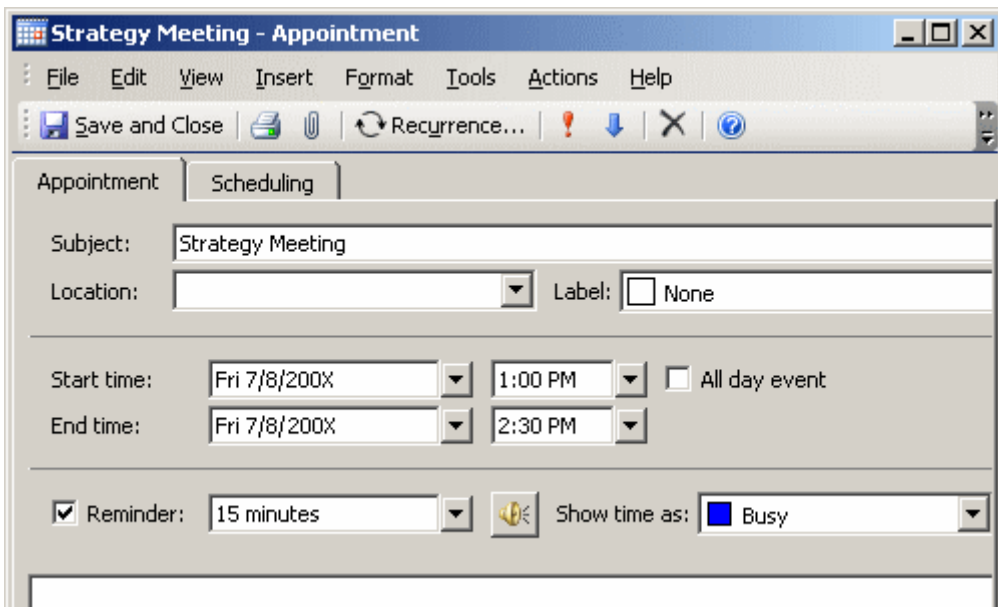
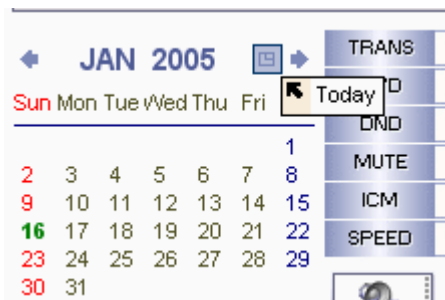


Figure 10: Outlook Scheduler Edit Window

- Enter a new or edit an existing appointment following Outlook instructions. When complete, save and close the scheduler. This will save the file in the Outlook database and automatically update the *Nomad VP* Calendar database.

- When browsing the Calendar, you can return to the current date display by clicking the [Today] button next to the month/year display in the Calendar window.



Keypad Folder Operation

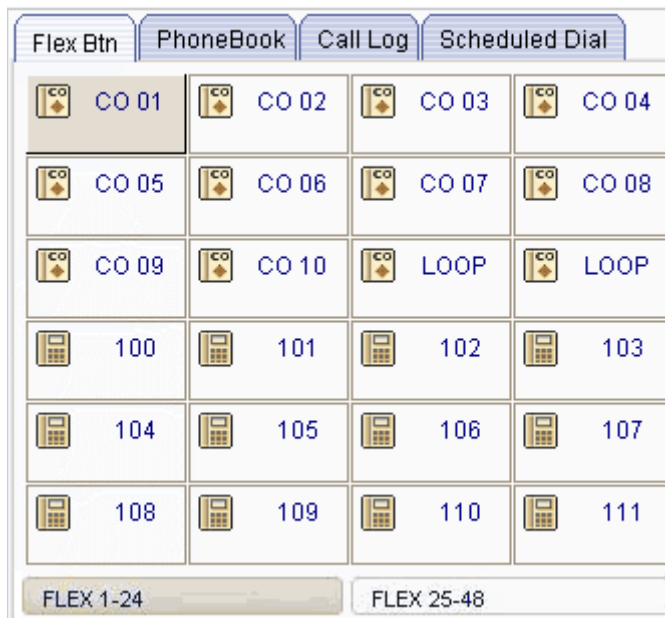
The Keypad view adds the 4 Keypad folders (Flex Btn, Phone Book, Call Log and Schedule Dial) to the right side of the Phone view. The separate folders are accessed by clicking on the folder tab at the top of the Keypad folder window.



A Phone Book database can be opened from the File menu (refer to [File Menu on page 33](#)). Once accessed from the File menu, operation in the folder is the same as described in the following sections.

Flex Btn Folder

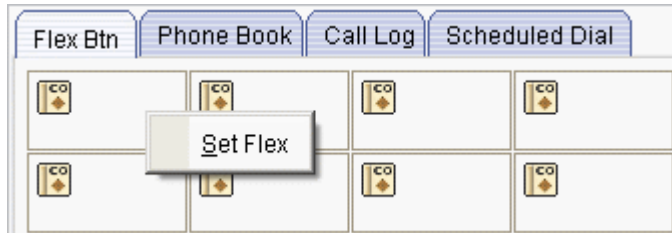
The Flex Btn folder will display two windows (FLEX 1-24 and FLEX 25-48), each containing a 4 x 6 array of "Flex buttons". Each button includes a status icon, which displays the status of the CO Line or station associated with the button. The button also displays a designation from the *Telenium^{IP}* system database, such as CO 001, SPD 001, etc. A further label, which will be displayed in the button, can be assigned by the *Nomad VP* user under the Program menu (refer to [Flex Data on page 37](#)).



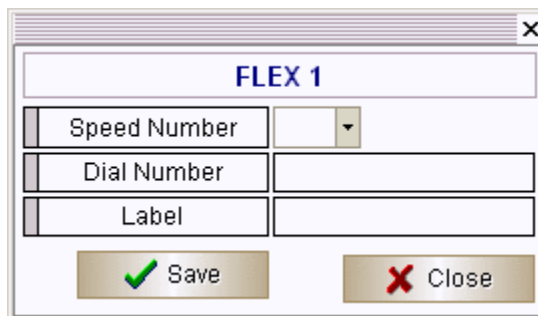
Selecting a Flex button with the mouse will access a CO line, call a station, or activate a feature based on the function assigned to the Flex Button in the *Telenium^{IP}* system database.

To enter and assign a Station Speed Dial number to a Flex button:

1. Right-click on the desired Flex button, to display the [Set Flex] button.



2. Click on the [Set Flex] button to display the Speed Dial number entry window.



3. Use the pull-down menu to assign the Speed Dial bin number.
4. Enter the destination number to be associated to the Speed Dial bin (up to 30 digits).
5. Enter a label for the Flex button, if desired.
6. Click on the [Save] button and then click on the [Close] button.

Phone Book Folder

Nomad VP maintains a Phone Book database of your internal and external contacts. You can place calls and send e-mails to contacts selected from the database by employing the search, sort, and record management tools in the Phone Book tool bar. When a record is added, edited, or deleted in the Phone Book, the *Nomad VP* can also update the original source database (refer to [Phone Book on page 33](#)).

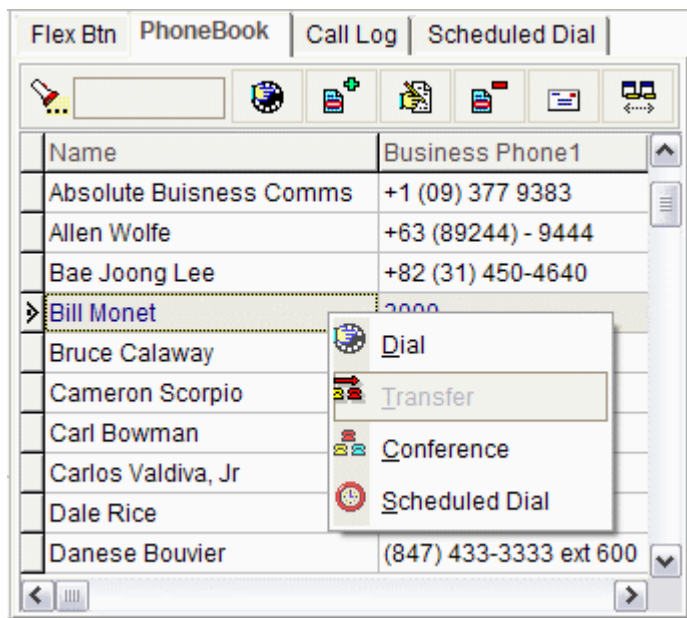


Figure 11: PhoneBook Folder with Call Window

To call a number from the Phone Book:

Right-click on the desired record (see search & sort below) and click the icon from the Call window: Dial, Transfer, Conference, Scheduled Dial,

-or-

Select the desired record and click the Dial icon from the Phone Book tool bar,

-or-

Double-click on the desired record or phone number field.

To send an e-mail from the database:

1. Select the desired record(s).
2. Select the e-Mail icon from the Phone Book Tool bar. The Outlook e-mail program is called and loaded with the selected recipients.
3. Type in subject, message, etc. and send the e-mail.

To search the Phone Book database:

Key in alphanumeric string in the search box.

To sort records in the Phone Book:

Click on the header field at the top of the Phone Book to sort alphabetically/numerically. Click again for reverse order.

To add or edit a record:

1. Select desired record for edit.
2. Click the add or edit icon to view the Contact Record form.

* Name	Bill Monet	Business Phone1	3000	
e-Mail	bmonet@here.com	Business Phone2	(630) 985-8494	
Company	Here Inc.	Home Phone	4649	
Department	BCS	Mobile Phone		
Fax		Load Image		
Address1				
Address2				
Note				

Figure 12: Contact Record Form

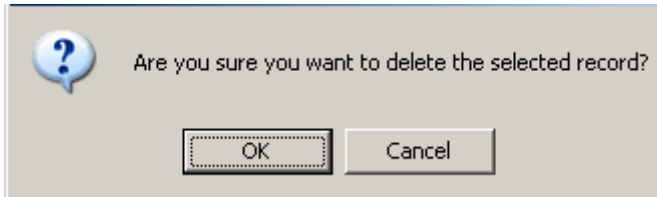
3. Complete the following data fields:
 - * Name (required field)
 - Multiple Phone Numbers
 - E-mail address
 - Company information
 - Address
 - Note
 - Image -- To remove an image from the contact record, right-click on the image to view the Clear Image pop-up dialog box. Select Clear Image and click OK.
4. Select OK to save the record in the Phone Book and synchronize the source database.

To add a record to Scheduled Dial:

1. Right-click on the record to access the drop-down menu.
2. Select the Scheduled Dial option.
3. Set the Date and Time for the Scheduled Dial.
4. Click OK.

To delete a record:

1. Select the desired record(s).
2. Click the delete icon on the Phone Book tool bar. The Confirmation window will appear.



3. Click OK to remove the record(s).

Call Log Folder

The Call Log folder, [Figure 13](#), provides a log of all calls placed or received by the *Nomad VP*. If Call Log is enabled under the File menu, each call initiated or received will generate a record which will contain information on the call, as well as data derived from the Phone Book. Once the call is completed, a record is stored in the Call Log database. The record will contain the following fields:

<i>Date & Time</i>	date and time of the call
<i>Name</i>	name of connected party from the Phone Book
<i>Phone</i>	the called or calling party phone number, the later <i>Telenium^{IP}</i> or carrier
<i>Call Type</i>	type of call, incoming/outgoing and answer/no answer
<i>Duration</i>	duration the call was connected in hours, minutes and seconds
<i>Note</i>	note entered by user
<i>Company</i>	from the Phone Book

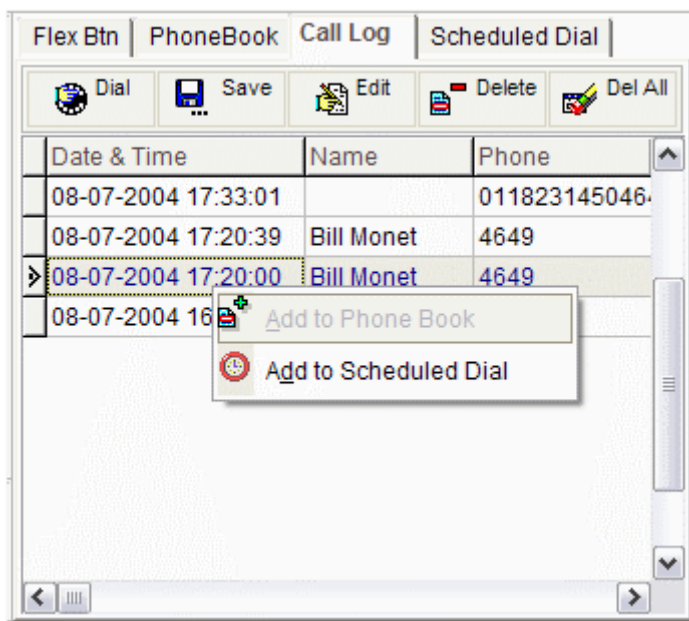


Figure 13: Call Log Folder

The Tool bar at the top of the logs, allows you to place a call and manage the Call Log database.

To place a call from the Call Log:

Double-click on the record to place the call.

-or-

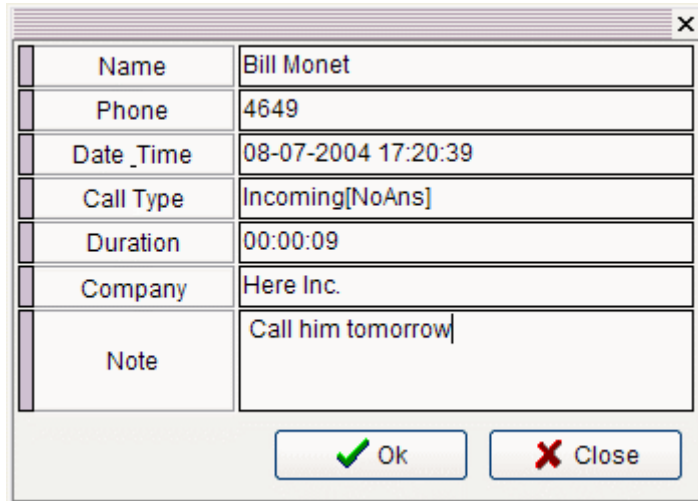
1. Select a record.
2. Click the Dial icon. The *Nomad VP* will place a call to the phone number of record.

To store the Call Log:

1. Click the Save icon. The familiar "Save As" dialog box will appear. Select a folder, if other than *Nomad VP*.
2. Enter the filename.
3. Select Save. The file is saved in an *.xls format for easy future access and all records in the Call Log folder are deleted.

To add or edit a note or name to a record:

1. Click the Edit icon.
2. Type the note or name in the edit dialog box.



Name	Bill Monet
Phone	4649
Date_Time	08-07-2004 17:20:39
Call Type	Incoming[NoAns]
Duration	00:00:09
Company	Here Inc.
Note	Call him tomorrow

Ok Close

3. Click on the [OK] button to save in the Call Log. Although all the fields of the call record are shown in the Edit dialog box, only the Note and Name fields can be edited. The Note field supports up to 250 characters.
4. Click on the [Close] button.

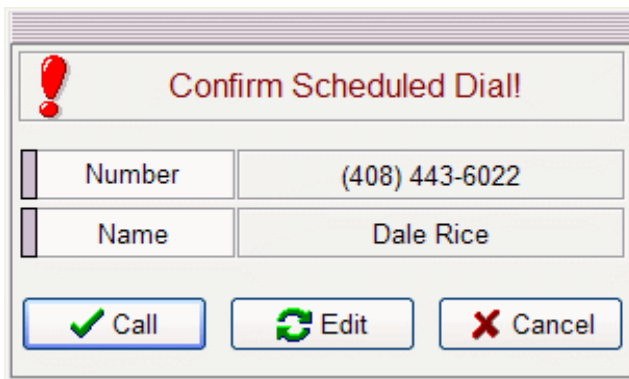
To copy a record to the Phone book or Scheduled Dial database:

1. Right-click on the desired record.
2. Click on Add to Phone Book or Add to Scheduled Dial.

Selecting the Delete icon will remove the selected record(s) and selecting the Del All icon will delete all records in the Call Log. In both cases, you are prompted to confirm the record deletion.

Scheduled Dial Folder

Scheduled Dialing permits you to enter a phone number for dialing at a later scheduled time. When the scheduled time is reached, the Dial Confirmation window will appear and must be confirmed by you before dialing will begin.



The Scheduled Dial folder contains a list of the phone numbers and schedules that you entered. The folder Tool bar permits you to manage the Scheduled dialing feature.

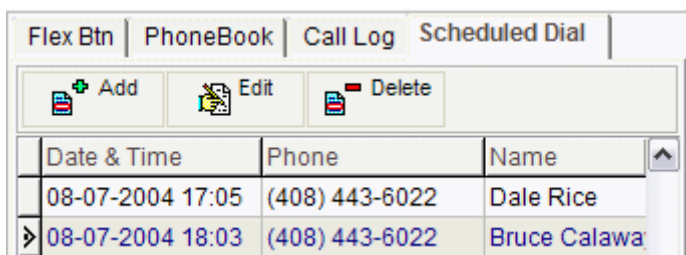
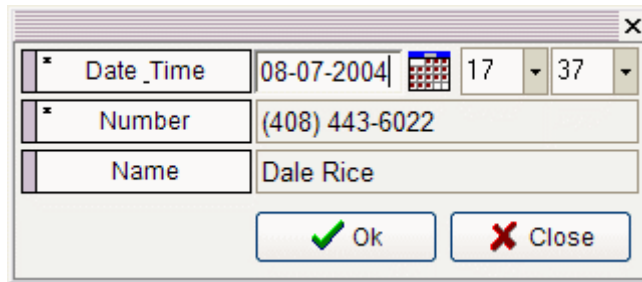


Figure 14: Scheduled Dial Folder

To add or edit a Scheduled Dial:

1. Click the [Add] or [Edit] button on the Scheduled Dial Tool bar icon and the Scheduled Dial dialog box appears.



Date_Time	08-07-2004	17	37
Number	(408) 443-6022		
Name	Dale Rice		

Ok Close

2. Click the calendar to input the date. Date is a required entry.
3. Select the time (in 24 hour mode) from drop down selection menu. Time is a required entry.
4. Input or edit the telephone number. The telephone number is a required entry.
5. Input or edit name.
6. Select OK to save the schedule and number for later dialing.

To delete an entry from the Scheduled Dial folder:

Select Delete to remove the record. You will be prompted to confirm the record deletion.

Short Message Service

Short Message Service (SMS), which is typically provided in GSM mobile networks, is a service permitting users to send and receive text messages with other users. A text message is comprised of an alphanumeric combination of up to 100 characters. When an SMS message is received, the Message Wait indication will activate and you can review the received message. The *Nomad VP* can maintain up to 10 received messages, after which new messages are not stored.

To send a text message to other users:

1. Enter the message in the SMS window.



2. Select "Send To" in the SMS window. The Recipient window appears.

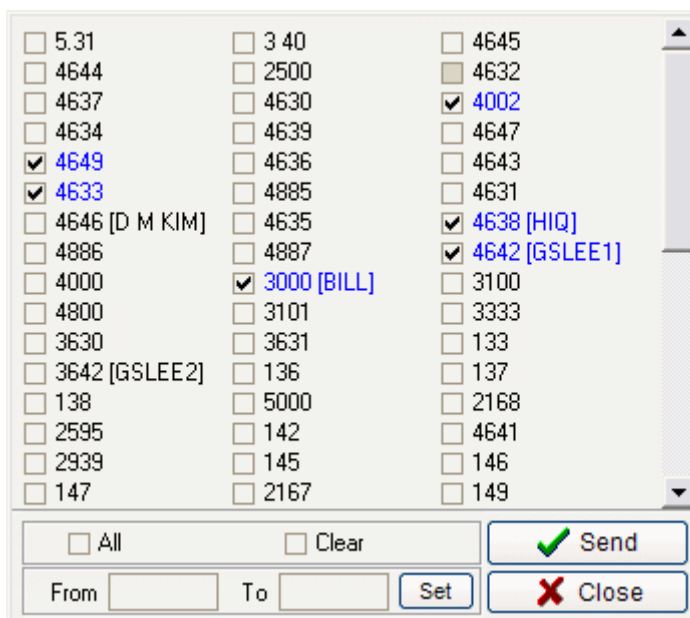


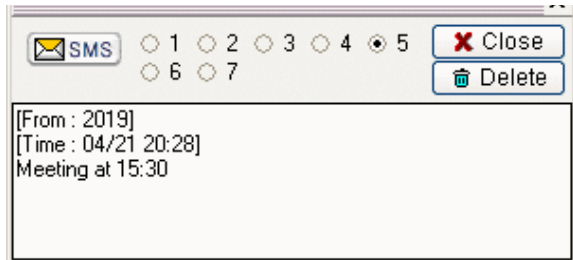
Figure 15: SMS Recipient Window

3. Select the desired recipients by either clicking boxes adjacent to the desired stations, using the [All] button, or using the range (From & To) boxes.
4. Click on Send. The message is delivered.

The LED of the fixed feature button **MSG/CB** will flash to indicate a message has been received (appears to the left of the SMS [Send To] button, only when messages have been received).

To review received SMS messages:

1. Click on the flashing [MSG/CB] button. The SMS Receive window with a radio button for each SMS message will appear.
2. Click on the desired radio button to review the message.
3. Click on Delete to remove the message.



Nomad VP Tool Bar Operation

View

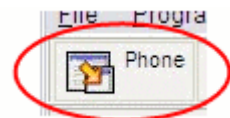
Nomad VP provides the user with a visual representation of a Phone on the desk-top. The two views for the *Nomad VP* are *Phone* and *Keypad*.

The *Phone* view emulates the appearance of the traditional *Vodavi IP* phone, displaying an LCD area, keypad, and fixed feature buttons.

The *Keypad* view adds the *Keypad* folders window. This window has 4 tabbed folders that you can view:

- The *Flex Btn* folder, with an array of 48 buttons.
- The *Phone Book* folder, to show the user's Phone book.
- The *Call Log* folder, to display records for each call placed or received by you.
- The *Scheduled Dial* folder, which permits you to assign a phone number for dialing at a scheduled time.

The view is controlled by the Phone/Keypad icon at the far left of the *Nomad VP* tool bar. When the icon is clicked, the *Nomad VP* view toggles between the Phone and Keypad views.



Video Conference


The *Nomad VP* can employ the user's PC cam and application to implement real-time video communications over an IP-based network.

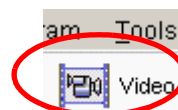
The real-time video supports transport of H.263 standard video codecs. The frame rate may be increased to 15 frames/second, but packet loss and delay may become excessive and lower frame rates may perform better with other services.

The video channel also opens a separate "chat" channel for text communication, as well as video and voice for multi-media communications.

- *Nomad VP* users can make a video call regardless of whether they are in Local or Remote mode.
- A *Nomad VP* 3-way conference can include a party who is not equipped with *Nomad VP*.

To set up a 3-way video conference:

1. Call another *Nomad VP* user.
2. Press CONF.
3. Call another *Nomad VP* user.
4. Press CONF twice. An audio conference is established.
5. All users either select Tools > Video or click on the Video icon on the Toolbar to display the Video preview screen (refer to [Figure 16 on page 31](#)).
6. All users press their video start buttons  on the Video preview screen.



» The conference still continues if a member drops out.

Video Preview Illustration

The numbered callouts used on the following graphic illustrate the features of the Video preview screen:

- 1 = Start video
- 2 = Stop video
- 3 = Set the attribute of the video
- 4 = Number of the frames per second
- 5 = Set the imaging size of the called party
- 6 = You can chat (via text messaging) with other users while in video mode

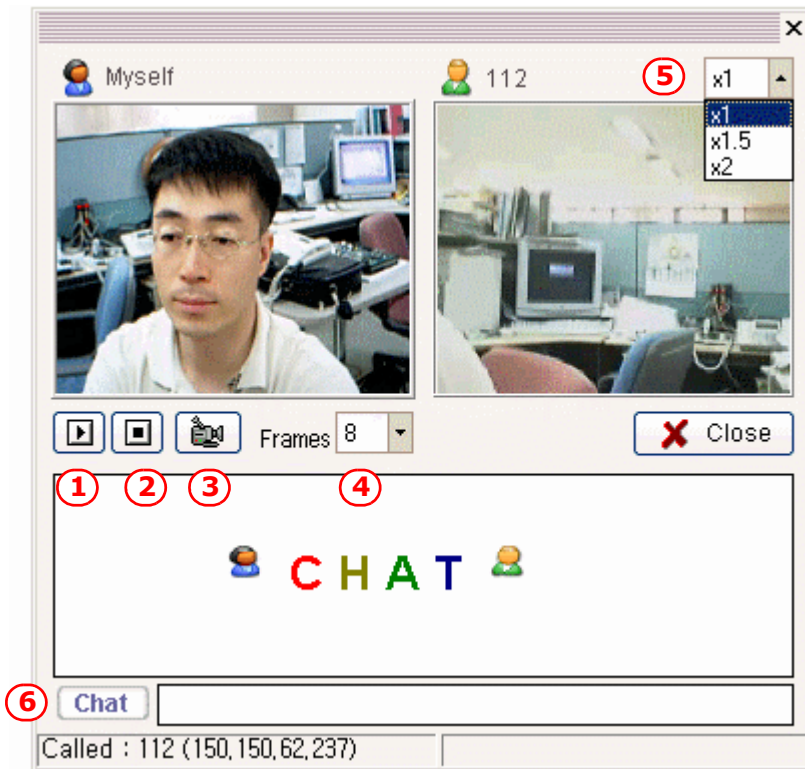
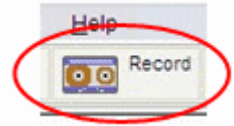


Figure 16: Video Preview Screen

Record Operation

Nomad VP allows you to record an active conversation to the PC's hard disk. Recording is controlled using the Record icon on the *Nomad VP* Tool bar.

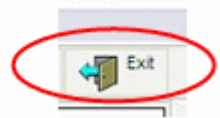


1. Select the Record icon to start recording.
2. Select the icon again to stop recording.
3. When the recording is complete, *Nomad VP* will ask you for a filename to use for storing the recording.

Nomad VP generates a single record-start tone. You should notify other parties of the recording. Playback and management of recorded voice files is accomplished under the Tools menu Voice Record item (refer to [Voice Record on page 44](#)).

Exit

You can terminate the *Nomad VP* application by using the Exit icon on the tool bar.



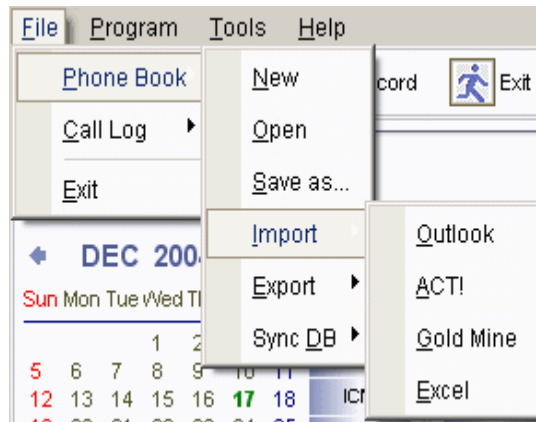
Menu Bar Operation

File Menu

The File menu gives access to the Phone Book and Call Log database management functions.

Phone Book

Selecting Phone Book from the File menu will present the Phone Book menu where you can manage the Phone Book database. From this menu, you can open a new or existing database, save a database, import or export a database, or maintain synchronization with an external database. Once a Phone Book is opened, operation of the folder is the same as with the Keypad view (refer to [Phone Book Folder on page 21](#)).



To open a new blank database for use with the Phone Book folder:

1. Select **N**ew from the menu.
2. Select a folder location.
3. Enter a filename.

You can select the database you want to use for the Phone Book folder. Once selected, the database name will appear on the Phone Book tab and the database is used for *Nomad VP* Phone Book until you make a new selection.

To open a selected database:

1. Select **O**pen from the menu.
2. Select a database. The file format of the database must be consistent with the *.DB file format of the *Nomad VP* database; other file type selections will produce a warning message.

To save a copy of a database (as a back-up copy, or for future use):

1. Select **S**ave **A**s... from the Phone Book menu.
2. Select a folder, if different than the *Nomad VP* folder.
3. Select the filename.
4. Select Save.

Various contact manager applications employ different data formats. To permit use of common formats, *Nomad VP* allows you to import databases from Outlook, GoldMine, ACT! or Excel applications. When imported, the database format is modified to match the Phone Book database and displayed in the Phone Book folder.



To avoid potential conflicts between Nomad VP and GoldMine, always launch the GoldMine program after launching the Nomad VP.

To import a database:

1. Select **I**mport from the Phone Book menu.
2. Select the application type, Outlook, Gold Mine, ACT! or Excel.
3. Select the database.

The Phone Book database can be exported for use in other applications including Outlook, Gold Mine, ACT! or Excel.

To export a Phone Book database:

1. Select **E**xport from the Phone Book menu,
2. Select the application type, Outlook, Gold Mine, ACT! or Excel,
3. Select the database.

The Phone Book can be synchronized with an external Outlook, Gold Mine or ACT! database automatically. When synchronized, each time the *Nomad VP* is started it will use the external database as the Phone Book and will update the external database after any changes in the Phone Book.

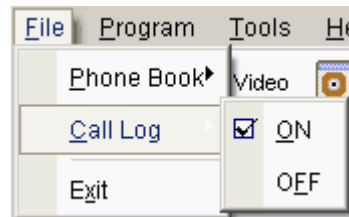
To enable automatic synchronization:

1. Select **S**ync **D**B from the Phone Book menu,
2. Select the application type, Outlook, Gold Mine, ACT! or Excel,
3. Select the database.

Note that changes made directly to an external database are not effective in an active *Nomad VP*. Such changes require a restart of the *Nomad VP* application to update the active Phone Book database.

Call Log

Selecting Call Log from the File menu will display the Call Log menu. From the Call Log menu, you can enable or disable the Call Log function.

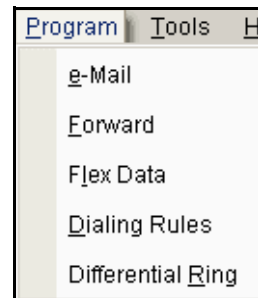


Program Menu

There are five items in the Program Menu: e-Mail, Forward, Flex Data, Dialling Rules, and Differential Ring

e-Mail

With the *Nomad VP*, you can access the Outlook e-mail application to send ad hoc e-mails via the e-Mail item in the Program menu. The e-mail application can also be opened from the Phone Book.



Forward

From the Program menu, you can elect to have incoming calls re-routed to other stations (Internal or Network stations), station groups, the VSF, or over the system's CO/IP resources.

To activate Call Forward, Unconditional or Busy / No Answer:

1. Select a Call Forward type.
2. Input the station or station group to receive calls.
3. Click on the [Set] button.

To activate Call Forward, Off Premise (to an external number):

1. Click on the [SPEED] box to apply a checkmark.
2. Select the desired Call Forward type.
3. Input the desired bin number.
4. Click on the [Set] button.

To activate Call Forward, Remote (Follow-me):

1. Click on the [REMOTE] box to apply a checkmark.
2. Select the desired Call Forward type.
3. Input the station's Authorization Code (station number + password).
4. Input the station or station group.
5. Click on the [Set] button.

To deactivate Call Forward:

1. Click on the [CLEAR] radio button.
2. Click on the [Set] button.

Flex Data

In the Flex Btn folder, each button is displayed with a status icon and a designation provided to the *Nomad VP* by the *Vodavi IP* system (refer to [Flex Btn Folder on page 19](#)). For convenience, you can enter a label that will be shown in the lower portion of the button.

To assign Flex button labels:

1. Select the Flex Data item from the Program menu and the Flex Data window will appear.

FLEX 1		FLEX 13	
FLEX 2		FLEX 14	
FLEX 3		FLEX 15	
FLEX 4		FLEX 16	
FLEX 5		FLEX 17	
FLEX 6		FLEX 18	
FLEX 7		FLEX 19	
FLEX 8		FLEX 20	
FLEX 9		FLEX 21	
FLEX 10		FLEX 22	
FLEX 11		FLEX 23	
FLEX 12		FLEX 24	

FLEX 1-24 FLEX 25-48

Layout Left Right

2. Select the desired Flex button (FLEX 1 to FLEX 24) label field.
3. Type in the desired label, up to 12 characters.
4. Click on the button labeled "FLEX 25-48".
5. Select the desired Flex button (FLEX 25 to FLEX 48) label field.
6. Type in the desired label, up to 12 characters.
7. Select Left or Right in the Layout box to align the label to the left or right in the flex button.
8. Click OK.

9. When complete, click on the Close icon to return to the *Nomad VP* screen. The new labels will be shown in the Flex Btn folder.

The screenshot displays the Nomad VP software interface. At the top, there is a status bar showing '060 (T)' and '08:50 pm'. Below this, there are two buttons: 'TRANS' and 'REDIAL'. The main menu bar includes 'Flex Btn', 'PhoneBook', 'Call Log', and 'Scheduled Dial'. Under the 'Flex Btn' menu, there are four buttons: 'CO 001 Bill's', 'CO 002 VoIP1', 'CO 003 VoIP2', and 'CO 004'. A table below the menu bar lists FLEX 1 through FLEX 24 with names: FLEX 1 (Bill's), FLEX 2 (VoIP1), FLEX 3 (VoIP2), FLEX 4, FLEX 5, FLEX 6, FLEX 7, FLEX 8, FLEX 9, FLEX 10, FLEX 11, FLEX 12, FLEX 13 (Jerry), FLEX 14 (Sam), FLEX 15 (George), FLEX 16 (Jenny), FLEX 17 (Sarah), FLEX 18 (Pete), FLEX 19 (Ellen), FLEX 20 (Derick), FLEX 21 (Linda), FLEX 22 (Debie), FLEX 23 (Lobby), and FLEX 24 (Mike). On the right side, there are buttons for 'CO 008', 'LOOP', and phone numbers 4644 (Jenny), 4642 (Derick), and 4647 (Mike).

FLEX 1	Bill's	FLEX 13	Jerry
FLEX 2	VoIP1	FLEX 14	Sam
FLEX 3	VoIP2	FLEX 15	George
FLEX 4		FLEX 16	Jenny
FLEX 5		FLEX 17	Sarah
FLEX 6		FLEX 18	Pete
FLEX 7		FLEX 19	Ellen
FLEX 8		FLEX 20	Derick
FLEX 9		FLEX 21	Linda
FLEX 10		FLEX 22	Debie
FLEX 11		FLEX 23	Lobby
FLEX 12		FLEX 24	Mike

Dialing Rules

When an outside call is placed from the Phone Book or Call Log folder, the *Nomad VP* must include certain dial codes to assure proper dialing through the *Vodavi IP* system.

When a number is selected from either database, the system will determine the type of call and insert any CO Access Code, LD Access Code or International Access Code required for the host *Vodavi IP* to properly establish the call.

Codes are entered in the Dialing Rules dialog box, along with local codes for comparison.

My Country Code	1
My Area Code	630
International Access Code	011
LD(long distance) Access Code	1
Local CO Access Code	9
PBX Access Code	
IP Access Code	

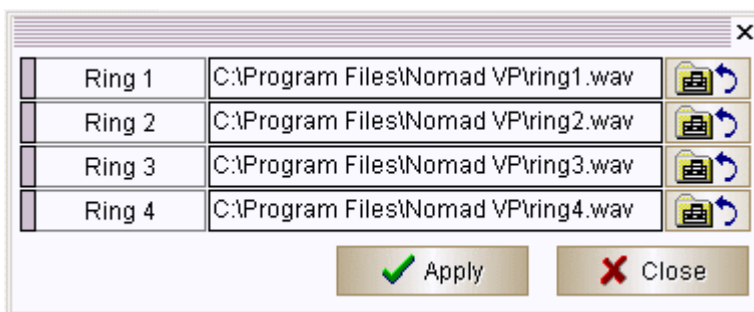
To enter codes:

1. Select Dialing Rules from the Program menu.
2. Enter the various codes.
3. Select OK.

Differential Ring

The *Nomad VP* can provide one of 4 different ring signals with separate assignments for internal and external calls. Each of the 4 ring signals is contained in a *.wav file. You may select one of the 4 predefined *.wav files (ring1.wav, ring2.wav, ring3.wav and ring4.wav) or you can replace any of these files with a desired *.wav or *.mp3 file.

Selecting Program > Differential Ring displays the Ring tone files window.



To change a Ring tone file:

1. Select the change icon next to file to be replaced.
2. Select the desired *.wav or *.mp3 file from the PC's file system, then click on the [Open] button.
3. Close the Ring tone files window and the new file can be selected for use.

To select a Ring Tone for use:

1. Click the [PGM] fixed feature button.
2. Dial 1 for Ring Tone Selection.
3. Dial 1 for Intercom Ring or 2 for CO/IP ring.
4. Dial desired Ring Tone (1-4). A short burst of the tone is generated.
5. Press SAVE.

Tools Menu

The **T**ools menu provides easy access to the following functions: **L**og In / **V**ideo / **A**pplication **S**haring / **V**oice **R**ecord / **C**onnection **M**ode / **D**ate **F**ormat / **L**anguage / **A**udio

Log In

Click on this option if the application previously received no response from the *Telenium^{IP}* system and you now want to try to establish a connection. Refer to [Remote Registration Error on page 9](#).

Video

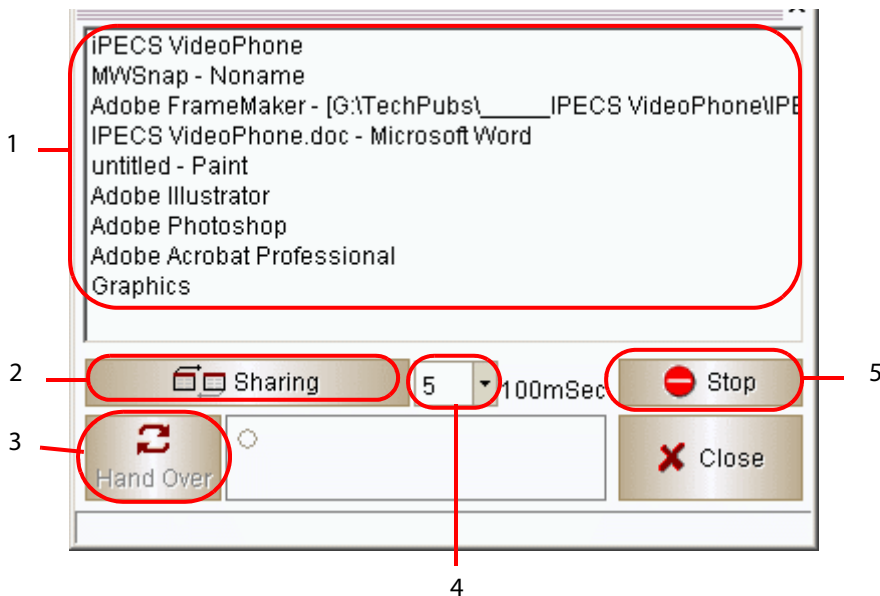
Refer to [Video Conference on page 30](#).



Application Sharing

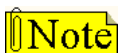
Nomad VP users can share file applications over the TCP connection. Any active or minimized file can be viewed and manipulated by all parties. Control over the file and application can be shared for a collaborative session of presentations, drawings, documents, etc.

Select **T**ools > **A**pplication **S**haring to display the Program selection window. The Program selection window displays files available for collaborative sharing.



Legend:

1. The list of currently executed programs
2. Start program sharing
3. Hand over control of the program to shared party. To regain control, click on the button again.
4. Updating time of the shared program
5. Stop program sharing



When a *Nomad VP* in Remote mode is trying to application share with a *Nomad VP* in Local mode, a VOIME is required.

To share an application file:

Select the file in the Program selection window, then click the [Sharing] button. This transmits the application file to the connected parties.

The Application Sharing window includes a Menu bar at the top. When a user is given control, the text of the [Control] button turns red. The connected party is allowed control for input and locally storing the file.

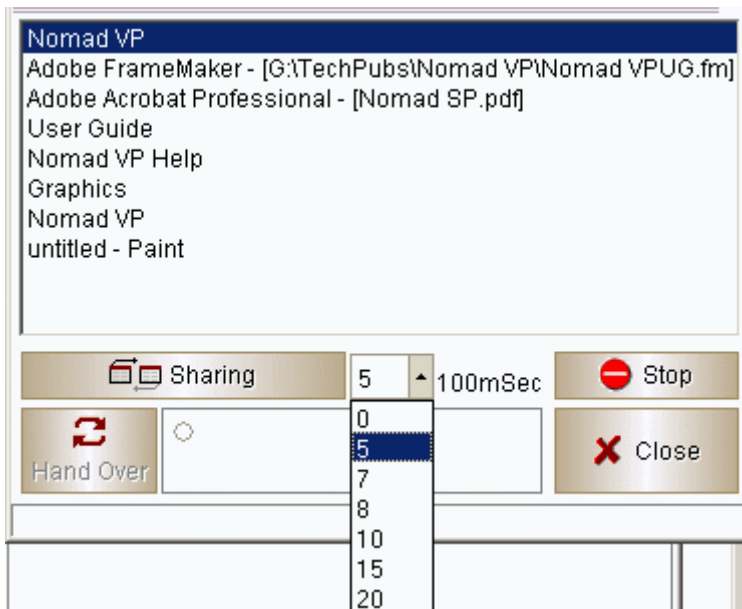
To shift the controlling user:

1. Click on the [Hand Over] button.
2. Click the radio button for the desired user. The text of the [Control] button turns red for the party assuming control.

Files are sent by the controller to the other parties on a periodic basis. The interval is adjustable in tenths of a second from 0.5 to 2.0 seconds. A setting of 0.5 is usually acceptable for most collaborative work, while longer periods may be used for reviews.

To adjust the interval:

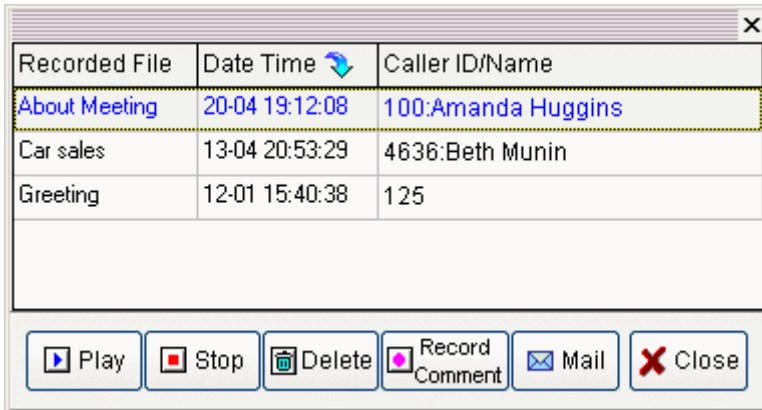
1. Click on the Transmit Interval drop-down menu.
2. Select the desired interval.



Voice Record

Nomad VP permits recording of a conversation onto the PC's hard drive. Recorded conversations can be reviewed after recording. In addition, a voice memo can be added to the recording and the recording with memo sent by e-mail as an attached *.wav file.

- Selecting **T**ools > Voice **R**ecord displays the **R**ecord/**P**lay selection menu. Selecting **R**ecord while in a conversation activates the recording function, recording both sides of the *Nomad VP* conversation. Recording may also be activated from the *Nomad VP* Tool bar, refer to [Record Operation on page 32](#). *Nomad VP* sends a single record-start tone; you should notify the other parties of any recording.
- Selecting **P**lay will show a list of recorded files in the Playback window. The window includes playback controls for playing a selected file. You can delete a file, record a comment, and/or e-mail the recording using the Playback window controls.



Connection Mode

The *Nomad VP* can be registered to a *Telenium^{IP}* system in Local or Remote Mode. In the Remote Mode, *Telenium^{IP}* allocates a VoIP channel to support the call. The VoIP channel implements NAT (Network Address Translation) compatibility and packet forwarding to internal appliances.

Selecting Tools then Connection Mode, will display the Local/Remote selection window with the present mode checked. When either mode is selected, which is done with the mouse, the *Nomad VP* will terminate and re-connect with the host *Telenium^{IP}* system to establish the selected connection mode.

Date Format

The format used for the date display of the Phone Book, Call Log, and Scheduled Dial folders can be changed from day/month/year to month/day/year. Selecting Tools, then Date Format will display the format selection window with the present selection checked. Click the desired Date Format in the menu.

The date display for the *Nomad VP* LCD area is controlled by the *Telenium^{IP}* system and may be different from the selected Date Format.

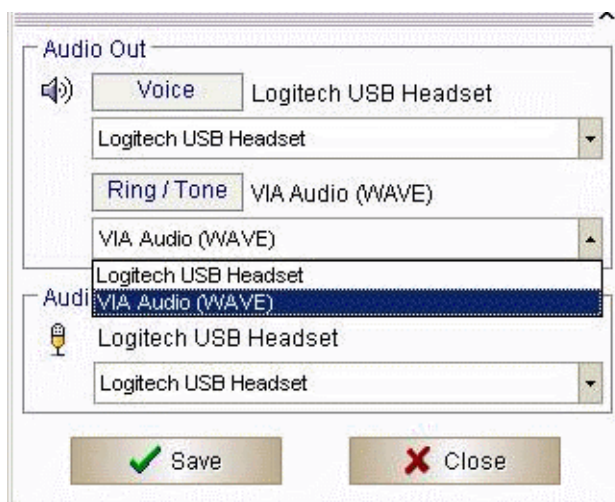
Language

English is the default language. The Local Language option is reserved for future use.

Selecting Tools > Language, will display the English/Local Language selection window with the present mode checked.

Audio

The *Nomad VP* can control the audio input/output device employed. The device for audio input and output is selected in the Audio Device Controls screen, as shown below. The audio output device (received audio) can be defined separately for voice and ring signals. Selecting the Audio device drop-down menu will display the device choices available.



Minimize

When the *Nomad VP* application is executed, a tray icon is created. When the application is "minimized", the *Nomad VP* icon is moved to the desk-top tray. In this way, the application does not clog the program tray.

To restore the Nomad VP:

Click the tray icon.

-or-

Right-click with the mouse pointer on the icon and select Show or Exit from the pop-up menu.



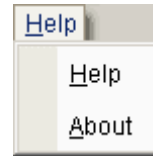
-OR-



Help Menu

Help

The *Nomad VP* Help yields a wealth of information on the operation of the *Nomad VP* specific features as well as standard *Vodavi IP* station features available to the *Nomad VP*.



To access the Help menu:

Select the Help item from the menu,

-or-

Press the "F1" key.

About

The About item from the Help menu displays the version, IP address, MAC address, and connection mode for the *Nomad VP*.



Nomad VP User Programming

As previously noted, the *Nomad VP* operates in the same manner as the traditional *Vodavi IP* phone. Refer to the *Telenium^{IP}* User Guide for feature operation. There are, however, several user programmable functions which are not supported due to differences in the platform, i.e. PC versus *Vodavi IP* phone. The user programmable functions not supported by the *Nomad VP* include:

Station Answer mode - *Nomad VP* does not support Intercom Call Announce and thus supports only Tone for the Station Answer mode; Sta PGM 13 is N/A.

Station Ring Download - *Nomad VP* cannot download ring tone files from the *Vodavi IP* system (Sta PGM 15 is N/A), the *Nomad VP* user can change the ring tone files stored in the *Nomad VP* folder. Refer to [Differential Ring on page 40](#).

Audio source control - *Nomad VP* has a single audio path and thus cannot support the dual path (headset and speaker) controls available with the traditional *Vodavi IP* phone (Sta PGM 6 is not supported).