

Testing an AP

1. Start the web browser.
2. Clear the cache. (Select **Options** > **Clear privacy data** > **Clear cache**.)
3. Set the browser to ask which AP to use for the connection:
 - a. Select **Options** > **Settings** > **General**.
 - b. Select **Access point**, then select the **Always ask** radio button, and then select **OK**.
 - c. Select **Back** twice.
4. Type or select a web address (URL) and select **Go To**.
5. Select the new AP from the **Select access point** list.

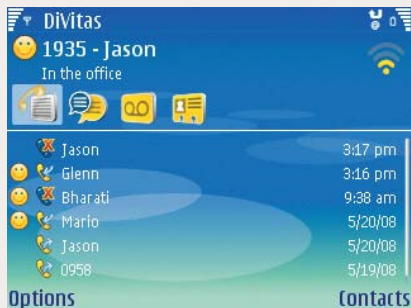
If the web page appears, then the handset was able to reach the web site using the AP you selected. To further verify this, or if the browser screen is blank, see "Displaying the Active AP".

If an acknowledgment page or login page appears, read and accept the terms or enter your username and password.

Starting the DiVitas Client and Logging In

1. Verify that you have an active data connection. (See "Testing an AP".)
If an acknowledgment page or login page appears, read and accept the terms or enter your username and password.
2. Start the DiVitas Client. (**Menu** > **Office** > **DiVitas**.) Note that there may be two Office folders, and the DiVitas icon is in the second one.
3. Enter your DiVitas password and select **Login**. (If this is the first time using the DiVitas Client, see "Entering DiVitas Client Settings" below.)

The client connects to the DiVitas Server, verifies your credentials, and you are logged into the Home screen.



Entering DiVitas Client Settings

Ask the network administrator for the DiVitas Client values to enter (your User Extension and User Password, Server Address, and handset Phone number).

1. Read the notices. (Select **OK**, **OK**, **Yes**, **OK**, and **Yes**.)
2. Enter your DiVitas Client settings. The Server Address is the IP address of the DiVitas Server. The Phone number is the handset's mobile (GSM) number.

Tip! On the E65 and E51, press # to type the dots in the IP address (.).

3. Select **Login**.

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Cellular Call Handling

You can receive standard calls to the handset's native dialer when in cellular mode, even if the DiVitas Client is running simultaneously. However, calls received at the native cellular number will not be handled by the DiVitas Server and will thus not have access to the DiVitas Client features, including seamless roaming between cellular and WiFi.

Emergency Call Handling

The DiVitas Client always uses cellular for emergency calls (for example, calls to 112 or 911).

DOC-QSG-WiFi-206

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DiVitas™ Client v2.7

Supporting
Nokia E and N Series
Enterprise Phones



This guide assumes that the DiVitas Client has been installed on your handset. If the client has not been installed, contact your network administrator or see the “Installing and Upgrading the DiVitas Client” chapter in the *DiVitas Client User Guide for Nokia E and N Series*.

Introduction

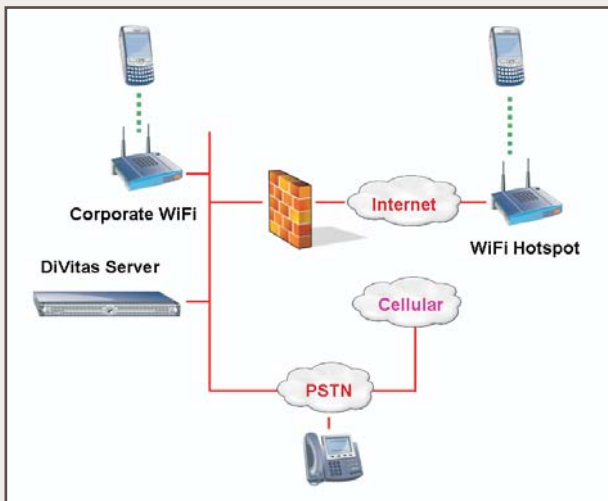
The DiVitas Client extends your corporate PBX to your handset and reduces GSM costs. The DiVitas Client provides continuous connectivity by automatically detecting and selecting the optimal network (WiFi or GSM) over which to route calls. When a strong WiFi signal is available, the client will use that network for calls; otherwise the client uses GSM.

Separately, the DiVitas Client uses a data connection for management activities, such as logging into the DiVitas Server, and for communications features, such as Instant Messaging, Presence, and Visual Voicemail. When WiFi is available, the client uses that network for management activities. Otherwise, the client uses a cell data connection through the GSM carrier or sends signaling information through the cellular voice channel.

- WiFi connections for calls and management activities can be through any wireless network that has Internet access and to which you have access privileges (with the exception of “on campus” WiFi, which has no Internet requirement).
- GSM voice and packet data connections are generally through your GSM carrier.

To use a WiFi, voice, or packet data network, the handset must have an access point (AP) configuration for the network.

For WiFi (the preferred access medium), the AP is a profile that specifies the network’s SSID (network name) and security settings. You can configure a WiFi AP manually (E61) or by using the WLAN wizard (E51, E61i, E65, E66, E71 or N95).



Displaying the Configured APs

1. Select **Menu > Tools > Settings > Connection > Access points**.

 – Indicates a WiFi AP

 – Indicates a cellular packet data AP

Displaying the Active AP

1. Select **Menu > Connectivity > Conn.mgr. > Active data conn.**

If no AP is listed, you do not have an active data connection.

Adding a WiFi AP

To use WiFi when you are at the office, add an AP for the corporate WiFi network. To use WiFi when you are away from the office, add an AP for a WiFi hotspot. For example, if you stay at a hotel that offers WiFi, you can add an AP for the hotel WiFi network.

Note: If the SSID is hidden, you must know the name of the SSID before you begin, since the WLAN wizard cannot auto-detect hidden SSIDs as it can with public/open APs.

Before You Begin

To add an AP using the WLAN wizard, you need to know the following information. **Ask the WiFi network administrator for these values.**

- SSID
 - Pre-shared key or static WEP key, if required
- To add an AP manually, you also need to ask the network administrator for the following information:
- Network status (Public or Hidden)
 - WLAN netw. mode (Always select Infrastructure.)
 - WLAN security mode (Open network, WEP, or WPA/WPA2)
 - 802.1x or WPA/WPA2 settings (if one of these is the security mode):
 - WPA mode (EAP or Pre-shared key)
 - EAP plug-in settings, if EAP is the WPA mode (EAP-SIM, EAP-AKA, EAP-TLS, EAP-PEAP, EAP-TTLS, or EAP-LEAP)
 - TKIP Encryption, if the WLAN security mode is WPA/WPA2 (Allowed or Not allowed)

- WEP settings (if WEP is the security mode):
 - WEP key in use (1, 2, 3, or 4)
 - Authentication type (Open or Shared)
 - WEP encryption (64 bits or 128 bits)
 - WEP key format (ASCII or Hexadecimal)

Configure an AP Using the WLAN Wizard (E51, E61i, E65, E66, E71 or N95 only)

1. Move within range of the WiFi network you want to use.
2. Start the WLAN wizard. (**Menu > Connectivity > WLAN wiz.**)



3. Scroll to the WiFi network and press the middle scroll button or Left selection key to display the Options menu.
4. Select **Start Web browsing**.
5. Enter the access key or user name and password, if prompted. The handset creates the AP and opens the web browser. See “Testing the AP”.

Configure an AP Manually

1. Select **Menu > Tools > Settings**.
2. Select **Connection > Access points**.
3. Select **Options > New access point**.
4. Configure the WLAN settings:

Connection name – Enter a unique name to identify the AP. This name exists only on the handset.

Data bearer – Select Wireless LAN.

WLAN netw. name – Select Search for networks and then select the network from the list.

Network status – If the network name (SSID) is advertised (beaconed), select Public. Otherwise, select Hidden.

WLAN network mode – Select Infrastructure.

WLAN security mode – Select the value specified by the network administrator (Open network, WEP, 802.1x, or WPA/WPA2).

WLAN security settings – These depend on the network. Use the values specified by the network administrator.

Homepage – Enter a web address, if desired.

5. When you finish entering the WLAN values, select Back to save the configuration. See “Testing the AP”.

CAUTION! Do not press the End key. If you do, the AP configuration will not be saved and you will need to configure it again.