

Using a NETGEAR WiFi Adapter with Polycom® VVX® Business Media Phones

Feature Profile 86205

This feature profile explains how system administrators and users can use NETGEAR WiFi adapters with Polycom® VVX® business media phones to connect to their phones to the organization's network.

A WiFi adapter can connect any device with an Ethernet port to your existing wireless network. Used with a VVX phone, it is a WiFi access point that will wirelessly connect VVX phone to your existing wireless network environment. The WiFi adapter can be powered by USB port to avoid additional power outlet connectivity. You can plug the WiFi adapter into any USB port on the VVX phones for power or use it with the external power supply that comes with the WiFi adapter.

Using a WiFi adapter is supported on VVX phones running the Polycom® UC Software (UCS) versions shown next.

Table 1: Polycom VVX Phones and the Supported Polycom UC Software

<i>Phone</i>	<i>Software Version</i>
VVX 300/310	UCS 4.1.4
VVX 400/410	UCS 4.1.4
VVX 500	UCS 4.1.3
VVX 600	UCS 4.1.3
VVX 1500	UCS 4.0.4



Note: Supported Polycom Phones

The use of a WiFi adapter is supported for all Polycom SoundPoint® IP phones with USB ports (though not tested by Polycom at this time). The use of a WiFi adapter with the external power supply is supported for all SoundPoint® IP phones without USB ports and all SoundStation IP phones (though not tested by Polycom at this time).

Using the VVX phones requires support from a call control server, a Virtual Private Network (VPN), routers, and the deployment applications. Polycom tested one WiFi adapter as shown next.

Table 2: Supported WiFi Adapters

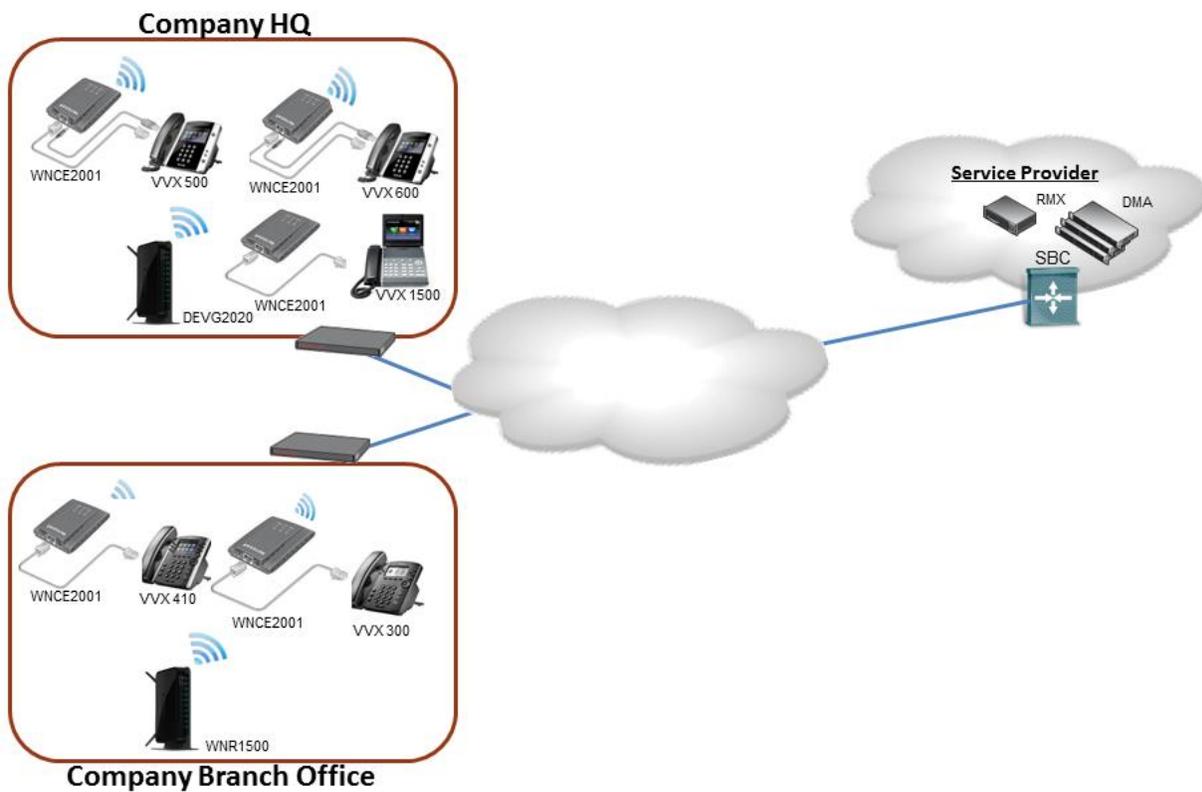
<i>Tested Products</i>	<i>Software/Firmware Version</i>
NETGEAR WNCE2001 WiFi Adapter	1.0.0.26
NETGEAR WNR1500 Router	1.0.0.10
NETGEAR WNDR4000 Router	1.0.0.90

Overview

In most office environments, VVX phones are connected to the network through its wired Ethernet ports on the phone. By connecting the phone to a WiFi adapter, users have the option of connecting their phone to a wireless network, providing unrestricted placement.

An example setup for VVX phones within a wireless network is shown next.

Figure 1: VVX Phones within a Wireless Network



Connecting the WiFi Adapter to the VVX phone

This section takes you through the steps to connect a VVX phone to a WiFi adapter. The NETGEAR WNCE2001 is the WiFi adapter used in the procedure shown next.



Note: Use of Other WiFi Adapters

The following instructions may work other WiFi adapters (though not tested by Polycom at this time).



Note: Powering the Wifi Adapter

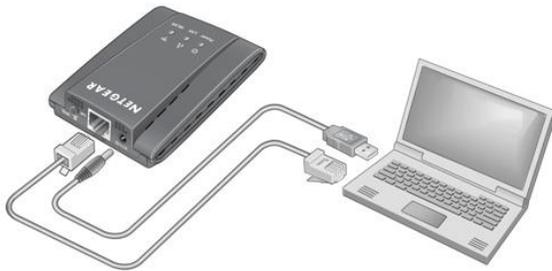
Depending on the peripheral devices you have attached to with VVX phone, the phone may not have enough power for the WiFi adapter through the USB port. Therefore, Polycom recommends you use the external power supply that come with the adapter. This would be a requirement when using a phone without a USB port.

To connect the WiFi adapter to the VVX phone:

- 1 Please disconnect any wireless connection to the router and/or remove the Ethernet cable currently connected to the computer.

You may restore the connection after the WNCE2001 installation is complete.

- 2 Connect the WNCE2001 to your computer using the Ethernet cable (included) and USB cable (included) to your computer for power. If your computer doesn't have a USB port, you can use the power adapter that comes with the NETGEAR WNCE 2001 WiFi adapter for power.



- 3 Wait until both the Power and LAN LEDs on the NETGEAR WNCE2001 WiFi adapter are solid green.

Make sure the computer gets the IP address. Please refer to the [NETGEAR WNCE2001 User Guide Troubleshooting Section](#) if you open your browser and do not see the WNCE2001 WiFi Adapter set up page.

- 4 Open your browser. The NETGEAR WNCE2001 WiFi adapter setup page will automatically display.
- 5 Follow the instructions on the setup page.
After completing the set-up, go to **Step 6**.
- 6 Disconnect the Ethernet and USB cables from your computer.

7 Connect the WNCE2001 to the VVX phone.

If your VVX phone doesn't have a USB port—for example, a VVX 300/310 or 400/410, you can use the power adapter that comes with the unit to get power.



Your installation is now complete.



Note: WPS (WiFi Protected Setup)

WPS (WiFi Protected Setup) is a simple and secured way to connect a device to an existing network. If you have a NETGEAR router, this feature is called Push 'N' Connect.

Look for the  symbols on the router to make sure the NETGEAR router supports WPS. For non-NETGEAR routers, please refer to the user manual to determine if the router supports WPS.

References

For additional information on how to setup NETGEAR WNCE2001 WiFi adapters and NETGEAR wireless routers, see:

- http://www.downloads.netgear.com/files/GDC/WNCE2001/WNCE2001_IG_28JULY2010.pdf
- http://www.downloads.netgear.com/files/GDC/WNDR4000/WNDR4000_IGPM_08NOV2010.pdf
- http://www.downloads.netgear.com/files/GDC/WNR1500/WNR1500_IG_03MAY2012.pdf

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