Thank you for purchasing the Mitel Wireless LAN (WLAN) Adapter.

The Mitel WLAN Adapter is a wireless bridge that can be used to add wireless connectivity features to the Mitel IP phones (e.g. Mitel MiVoice 6900 Series IP phones or the Mitel 6800 Series SIP phones). With a Mitel/GSM landline pair, the Mitel IP phones can easily be connected to a wireless network. Enterprise security features will ensure clean and secure use of wireless communications at an office, factory, or any other environment where high security is required.

This Setup Guide explains how to setup and use the Mitel WLAN Adapter in a wireless network.

Mitel WLAN Adapter

Setup Guide

Following items are bundled with the Mitel Wireless LAN Adapter.

Package Contents

Parts and Functions

FRONT

TOP

BOTTOM

POWER LED (Green/Red)

WLAN LED (Green/Red)

STATUS LED (Green/Red)

MAC Address

Push switch

Stable LED (Green/Orange)

LAN port

Connect the network cable.

ON: Connected to a wired LAN

Connect the AC adapter.

ON (Green): Powered on

ON (Red): Powered on and ready

BLINK (Red): Connected device IP changed. Disconnected due to security issue.

ON (Green): Running in Infrastructure mode.

BLINK(Green): Processing setup using the Smart Wireless Setup.

* Blinks together with STATUS LED when running in Configuration Mode.

* Turns from Green to Red during the initialization.

ON (Green): A network connection is established.

BLINK (Green): Transferring data.

* Blinks together with WLAN LED when running in Configuration Mode.

MAC Address of the Mitel WLAN Adapter

Configuration Method 1 - Setup on a 6900 IP Phone

1. Ensure that a WLAN adapter is connected to the 6900 series IP phone.

To set up a WLAN adapter, see the Mitel WLAN Adapter Administration Guide or contact your system administrator.

2. Press the Settings key on the phone to enter the Settings menu and tap the Wi-Fi icon.

The phone displays an error if it is not connected to a WLAN adapter.

WLAN adapter is not connected

3. If a WLAN adapter is connected to the phone, two sets of Wi-Fi menu items are displayed:

a. Saved Network: Displays the Wi-Fi network currently connected to the phone.

b. Available Networks: Scans and displays a list of available networks within the range of your phone.

4. Select an SSID that is the name of a Wi-Fi network, for example, Mitel Secure from Available Networks to connect. If the SSID is secured, a password prompt appears.

Note: SSIDs with UTF-8 characters are not supported.

5. Enter the password for the network and select Save.

6. After entering the password, the Save Settings window appears. Select Yes to save your settings and to reboot the WLAN adapter and the phone. The phone is successfully connected to the network.

Note: If you are not connected to the network after a reboot, enter the password again since you may not have entered the correct password.

7. The connected SSID (Mitel Secure) is listed under Saved Network.

8. If the password you entered is incorrect, a Connection Failed alert appears. To re-enter the password, select Retry to cancel the connection attempt, select Cancel.

9. Press Refresh to refresh the list of available networks. The phone searches for new networks within its range and updates the list of available networks.

Note: If the password that you entered is incorrect, the phone normally displays the alert to retry. In some cases, an incorrect password is accepted by the WLAN adapter to reinitiate the Wi-Fi app. In this case, go to Step 5 and follow the instructions to correct the password.
Connect the AC adapter to the Mitel WLAN Adapter, and the AC adapter’s plug to an electrical outlet.

When the POWER LED on top of the Mitel WLAN Adapter turns Red, press and hold the push switch. Release the push switch when WLAN LED and STATUS LED start to blink Green together (it may take 20sec until blinking). The Mitel WLAN Adapter will start running in Configuration Mode and will be ready to configure from the PC that has been connected to the Mitel WLAN Adapter via a network cable.

Turn on the IP phone connected to Mitel WLAN Adapter. The phone will run on automatically when the AC adapter is connected to the Mitel WLAN Adapter.

Some IP phones may require additional network settings. In such cases, refer to the manual that came with the IP phone.

Start a Web browser (Internet Explorer, Safari, etc) on the PC you are using for the setup. The Web page of the Mitel WLAN Adapter is displayed.

If the destination network is not displayed in the Wireless Network List, click Detailed Configuration at the top of the page. In the page displayed, enter the wireless settings of the network that you wish to connect Mitel WLAN Adapter to, and click the Submit button. Refer to the HELP for details on each setting.

Multi-Client Mode

The Mitel WLAN Adapter is set to Multi-Client Mode by default. It is recommended to keep Multi-Client Mode enabled when using the Mitel WLAN Adapter with the IP phones.

The configuration has now been completed.
**Configuration Method 3 - Easy Configuration Using Smart Wireless Setup**

The Mitel WLAN Adapter allows you to configure its wireless settings easily using a push switch if your wireless router supports WPS (Wi-Fi Protected Setup). Follow the instructions on this page to configure wireless settings using the push switch.

### NOTES
- To perform wireless configuration using WPS, your wireless router must support WPS. Please make sure that a wireless router supporting WPS is set up in your environment.
- While performing the configuration, please temporarily move the Mitel WLAN Adapter closer to your wireless router to make it easier for both devices to communicate.
- Depending on your wireless router, WPS may need to be enabled manually. For details, refer to the operation manual that came with your wireless router.
- It is recommended to use a router/access point that supports the 5 GHz band. Due to interference and congestion, using the 2.4 GHz band may cause issues with real-time voice communications.

---

1. Press and hold the push switch at the front of the Mitel WLAN Adapter. The WLAN LED and STATUS LED will start to blink Green together. Release the push switch when the STATUS LED turns off while the WLAN LED keeps blinking (it may take 15 sec for the STATUS LED to turn off after both LEDs started blinking).

2. The Mitel WLAN Adapter will start to communicate with your wireless router. When the wireless configuration is successfully completed, the WLAN LED turns Green and the STATUS LED turns Blue Green.

3. Disconnect the AC plug of the Mitel WLAN Adapter from the electrical outlet.

---

**Factory Default Configuration**

How to reset the Mitel WLAN Adapter to the factory default settings is explained.

1. Disconnect the AC plug of the Mitel WLAN Adapter from the electrical outlet.

2. While reconnecting the AC plug to the outlet, press and hold the push switch at the front of the Mitel WLAN Adapter. Keep pressing and the factory default configuration will begin.

3. When the WLAN LED turns from Green to Red, release the switch. The factory default configuration is completed. After the factory default configuration is completed, the Mitel WLAN Adapter will restart.

---

**Trademarks**

Wi-Fi Protected Setup (WPS) is a trademark or registered trademark of Wi-Fi Alliance. Other company names and product names contained in this document are trademarks or registered trademarks of their respective companies.