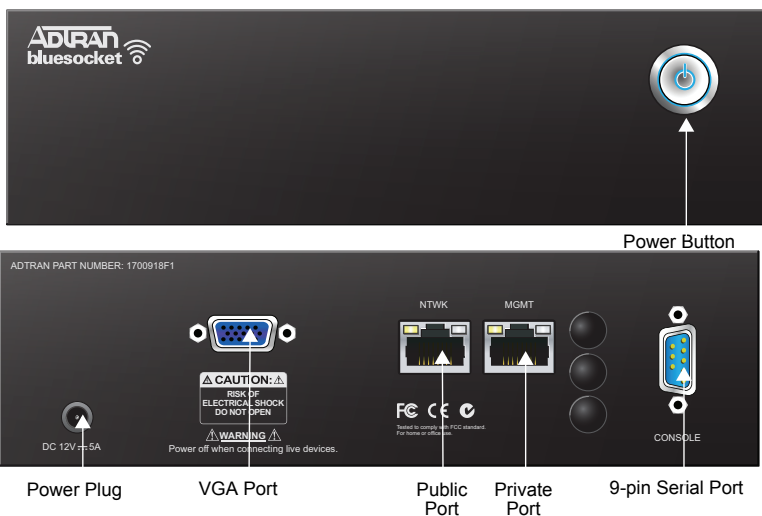


BLUESOCKET vWLAN DESKTOP APPLIANCE

P/N 1700918F1

GETTING STARTED

The ADTRAN Bluesocket virtual wireless local area network (vWLAN) is a secure wireless solution composed of the vWLAN desktop appliance and associated Bluesocket access points (BSAPs). The vWLAN desktop appliance runs vWLAN software and is configured by installing the desktop appliance and associated BSAPs. This document describes the initial setup of the vWLAN desktop appliance for use with vWLAN.



The Bluesocket vWLAN Desktop Appliance (P/N 1700918F1) only functions with vWLAN software release 2.5 or later. This desktop appliance should never be downgraded to a software version prior to vWLAN 2.5.

WARNING

This product contains hazardous moving parts. Keep away from fan blades when servicing this unit.

UNPACKING THE vWLAN DESKTOP APPLIANCE

Unpack the vWLAN desktop appliance and ensure the following contents are included in your shipment:

- vWLAN Desktop Appliance
- AC power adapter

INSTALLING THE vWLAN DESKTOP APPLIANCE

Follow these steps to configure the ADTRAN Bluesocket vWLAN desktop appliance for installation:

1. Place the vWLAN desktop appliance on a table or shelf in the location where you will manage it.
2. Insert the power cable into receptacle of the AC power supply, then insert the AC power supply's barrel connector into the port labeled **DC 12V 5A** on the rear panel of the unit.
3. Connect the vWLAN desktop appliance to the network with Dynamic Host Control Protocol (DHCP) configured using the **NTWK** port (public network interface) on the rear panel of the unit. The **NTWK** port is used to reach the APs, for cloud connectivity where applicable, and for vWLAN-to-vWLAN communication when using high availability. The port labeled **MGMT** (private network interface) is not typically used for these purposes. The **MGMT** port is designed for initial configuration using a computer without connecting to the serial or local network connectivity for out-of-band management.
4. Plug the unattached end of the power cable into a properly grounded AC power receptacle.
5. Power on the desktop appliance by pressing the **Power** button on the front panel of the unit. The desktop appliance may take up to five minutes to boot, or longer if Dynamic Name Service (DNS) is not configured.
6. Once the boot is complete, locate the IP address of the desktop appliance from either the DHCP server or from the serial console menu. If you cannot find the IP address of the desktop appliance in a DHCP server, refer to [Finding the IP Address Using the Serial Port](#) and [Accessing vWLAN without a Network Port IP Address](#).
7. The vWLAN desktop appliance IP address should not be changed once the appliance is configured. To avoid a dynamically changing IP address, either enter an IP address reservation in the DHCP server (using the MAC address of the vWLAN desktop appliance) so that the IP address always remains the same for the appliance, or statically configure the IP address of the vWLAN desktop appliance using the vWLAN GUI once you have logged in. Refer to the [vWLAN Administrator Guide](#) for information about statically configuring vWLAN IP addresses.

FINDING THE IP ADDRESS USING THE SERIAL PORT

If you cannot find the IP address of the vWLAN desktop appliance through a DHCP server, you can use the Serial port. To find the IP address using the Serial port on the rear of the desktop appliance, follow these steps:

1. Connect the DB-9 (male) connector of your serial cable (not provided in shipment) to the serial port on the back of the desktop appliance hardware.
2. Connect the other end of the serial cable to the PC.
3. Open a VT100 terminal session with the following settings: **9600** baud, **8** data bits, no parity, and **1** stop bit (no flow control).
4. When prompted, enter the username **vwlan** and the password **vwlan** to access the CLI.
5. Enter the command **ifconfig** to display a list of all network interface IP addresses.
6. You can optionally continue to configure the vWLAN desktop appliance using the CLI as described in the [vWLAN Administrator Guide](#).

ACCESSING vWLAN WITHOUT A NETWORK PORT IP ADDRESS

If you are unable to connect to the vWLAN desktop appliance using the serial connection, and are unable to find the IP address in the DHCP server, follow these steps to access the desktop appliance:

1. Connect a computer to the port labeled **MGMT** (private network interface) on the rear of the desktop appliance using a standard Gigabit Ethernet cable. The default IP address of the port is **10.251.252.1** with a network mask of **255.255.255.0**.
2. To reach the **MGMT** interface, set the static IP address of the computer to something in the same subnet as the default IP address of the desktop appliance, for example, **10.251.252.2**.
3. Connect directly to the port and enter **https://10.251.252.1:3000** in a web browser.
4. Connect to the GUI for configuration as described in [Connecting to the vWLAN GUI](#).



NOTE

It may take a few minutes for the user interface to appear after the boot.

CONNECTING TO THE VWLAN GUI

Once you have the IP address of the vWLAN desktop appliance, you can connect to the web-based graphical user interface (GUI) by following these steps:

1. Enter the unit's IP address in a browser window in the following format:
https://<applianceipaddress>:3000.
2. Enter the default administrative user name (**root@adtran.com**) and the default password (**blueblue**) when prompted.
3. You are now connected to the vWLAN. You should first change the user name and password to match your domain.
4. You can now begin configuring the APs associated with the vWLAN and other configuration tasks outlined in the *vWLAN Administrator Guide*.

CHANGING THE BATTERY

The Bluesocket vWLAN Desktop Appliance contains a user replaceable battery that supports the real time clock feature. When replacing the battery, be sure to handle used batteries carefully. Do not damage the battery in any way; a damaged battery can release hazardous materials into the environment. Do not discard a used battery in the garbage or a public landfill. Please comply with the regulations set up by your local hazardous waste management agency to dispose of your used battery properly.

WARNING

There is risk of explosion if the real time clock battery is replaced by an incorrect type. Dispose of used batteries according to instructions.

ADDITIONAL RESOURCES

To assist with further configuration and implementation of the vWLAN system, refer to the Bluesocket page of ADTRAN's support community (<https://supportforums.adtran.com/community/bluesocket>). Here you will find the latest discussions and documentation related to your vWLAN products.

THIRD-PARTY SOFTWARE

The software included in the Bluesocket vWLAN contains copyrighted software that is licensed under the GNU General Public License (GPL). For a list of third-party software and their licenses, go to <http://www.adtran.com/software/EULA>. You can obtain the complete corresponding source code of such software components from ADTRAN for a period of three years after our last shipment of this product by sending a money order or check for \$5 to:

ADTRAN, Inc, P.O. Box 933638, Atlanta, GA 31193-3638

Please write **GPL Source for Bluesocket vWLAN** in the memo line of your payment.

This offer is valid to anyone in receipt of this information.