

ONE-Net User Guide

Logging into a workstation with VPN and/or Wi-Fi



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Accessing the Network Remotely

Using VPN and Wi-Fi

This document provides detailed procedures for operating the ONE-NET Wi-Fi Service. The Wi-Fi Service monitors access to wireless networks while ensuring secure connections are established by VPN and/or CAC in a timely manner.

The Edimax EW-7811Un USB 2.0 Wireless Adapter or the ASUS USB-AC53 USB Wireless Adapter are the hardware devices needed for the ONE-NET Wi-Fi service. These are the only models that are approved on the ONE-NET APL and compatible with the Wi-Fi service.

Important Note: It is recommended that Edimax EW-7811Un USB 2.0 Wireless Adapter users with Windows 10 1909 OS version use the “ONE-NET Wi-Fi – Windows 10 – Ver F – Telework” application to avoid potential issues.



Getting Started

Things to do before you take your laptop home

- Ensure you have logged onto your laptop prior to attempting to log in remotely. This is necessary to load your credentials.
- Once you have loaded your credentials by logging onto ONE-Net, ensure you shutdown by right-clicking the windows icon on the bottom left of your desktop and selecting shutdown prior to removing your laptop.
- Do not do a hard shutdown by holding down the power button!
- You will only be able to use the workstation that you have been approved to use on your VPN and Wi-Fi request.
- In order to use another workstation, an RFC and a new VPN form with workstation and dongle information must be submitted.



Step 1

Proceed to the login screen. You should see this:



A screenshot of a Windows login screen with a dark green background. At the top, the text "Other user" is displayed in white. Below this, there are two input fields: "User name" and "Password". The "Password" field has a green arrow button on its right side. Underneath the input fields, the text "Sign in to: DS" is shown. Below that is the question "How do I sign in to another domain?". At the bottom, there is a link for "Sign-in options".



Step 2

When choosing any of the (2) Certificate icons, you will see either a 10 or 16 Digit number before the @mil.

If your account has been PIV enforced, choose the cert with 16 digits preceding @mil (fig. 2), if not choose your EDIPI@mil (fig. 1).

Enter your PIN code when prompted. You will then be authenticated on the network and taken to your Desktop.

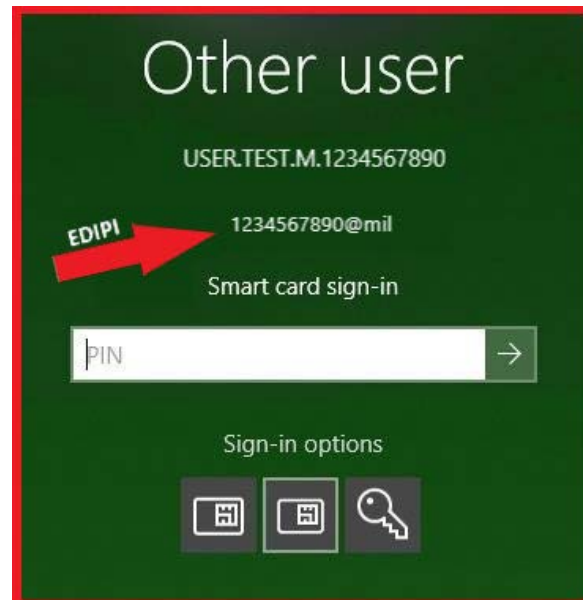


Fig.1



Fig.2



Step 3

For Wi-Fi:

- Ensure the USB Dongle is connected into the USB port.
- Select the WINDOWS icon on the lower left of your screen
- Scroll down as noted in Fig. 3.

Establishing Wi-Fi Service:

1. Insert the approved wireless adapter into the laptop USB port.
2. Click the Windows “Start” button -> ONE-NET Wi-Fi Service -> Enable Wi-Fi Service.

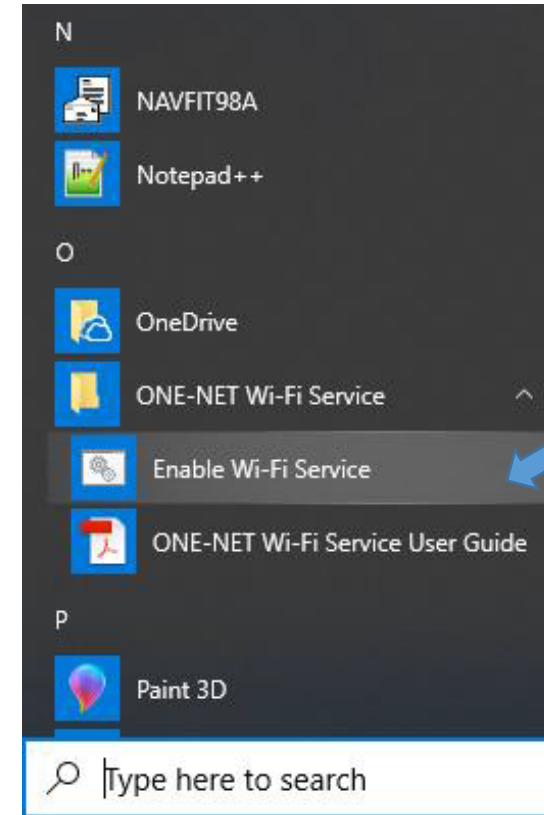


Fig. 3



Step 3_{continued}

For Edimax Wireless Adapter users only, a pop-up window indicating a 2 minute timer for the system to initialize ONE-NET Wi-Fi Service will appear before attempting to acquire wireless networks (fig. 4). Please note, that it may take longer than 2 minutes to begin.

For ASUS Wireless Adapter users, this timer will not appear.

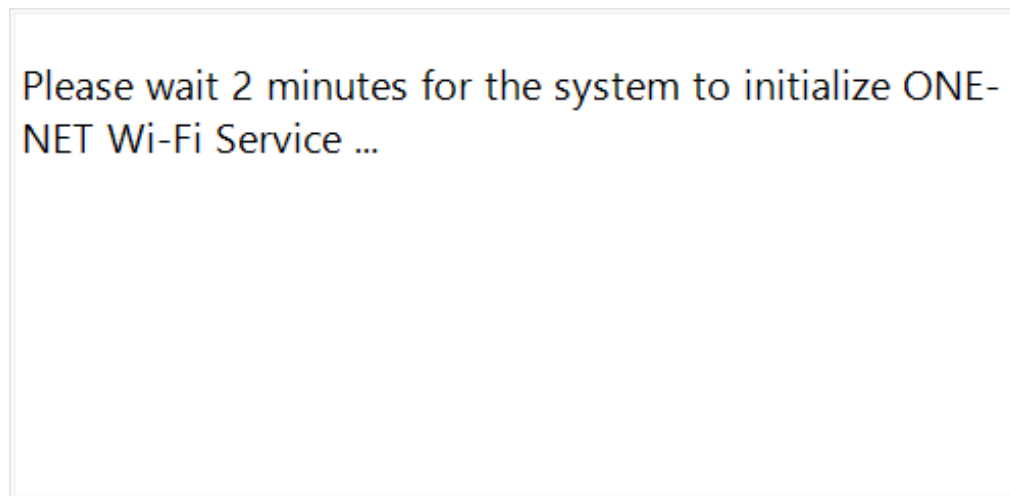


Fig.4



Step 4

All Users:

A pop-up window will appear as Wi-Fi Networks are being acquired. (fig. 5)



Fig. 5

ASUS Users:

Once Networks are acquired, you will be able to select your network right away. (fig. 6)

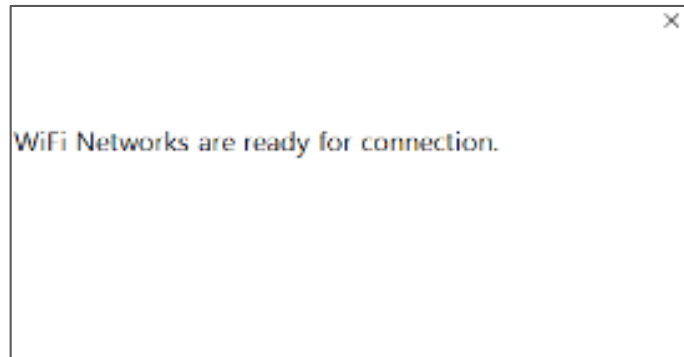


Fig. 6

Edimax Users:

Once Networks are acquired, a pop-up window with a timer will appear indicating the time you will need to wait until connecting. (fig. 7)

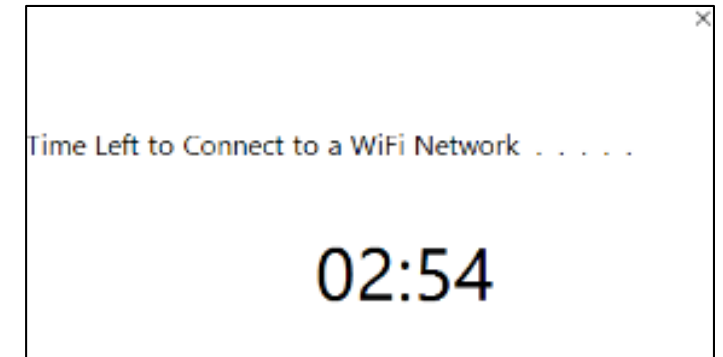


Fig. 7



Step 5

Select the network you'd like to connect to.

First, Click on the Network icon in the bottom right corner of the taskbar. (fig. 8)



Fig. 8

Select the wireless network from the list of available options and click Connect.

(fig. 9)

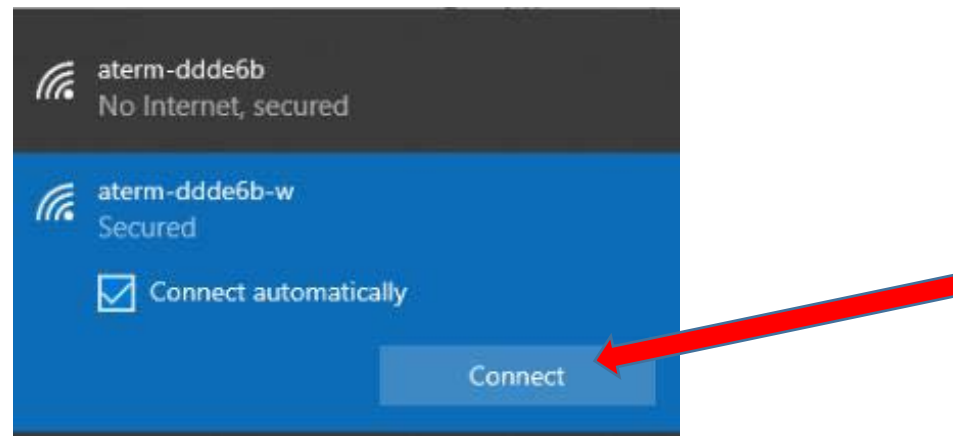


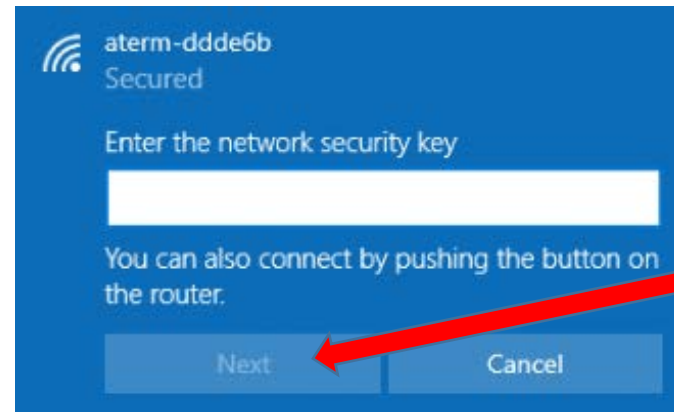
Fig. 9



Step 6

Sign in to the network

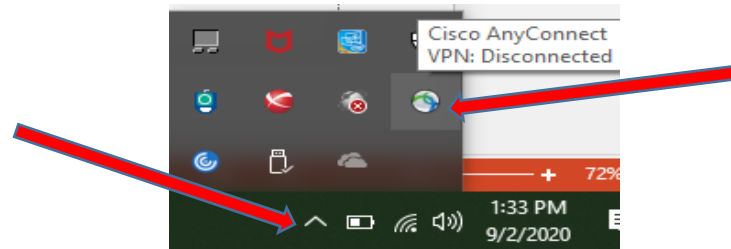
Enter the network security key for that particular network and click Next.



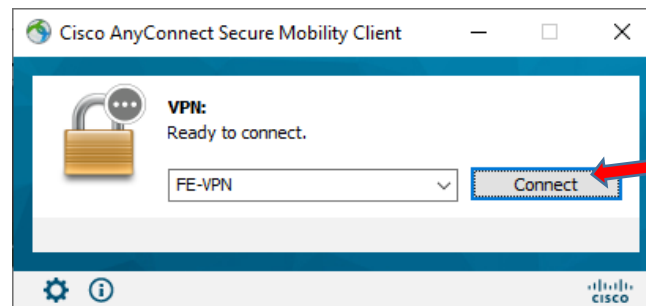
Step 7

Starting up the ONE-NET VPN Service

First, click the ^ arrow on the taskbar and then the Cisco AnyConnect icon.



A pop-up will appear to connect to the VPN service. Choose FE-VPN from the drop-down.
Click Connect.



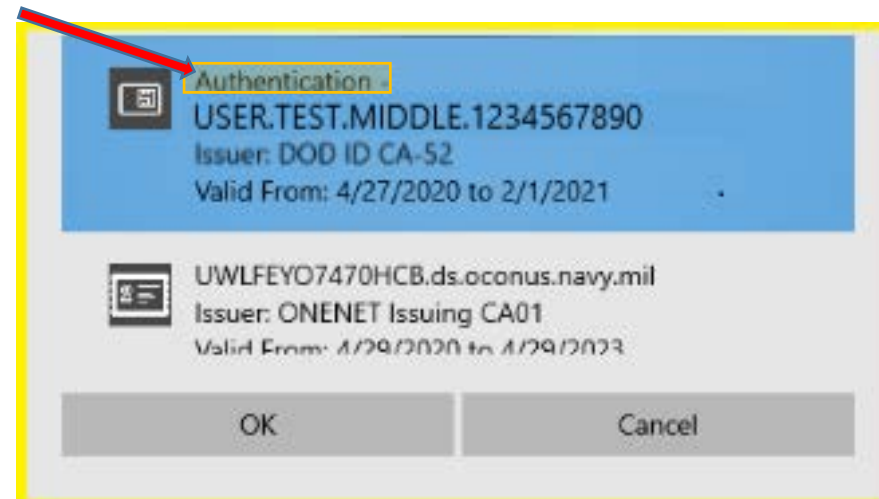
Step 8

To connect, click on the appropriate certificate when prompted.

Users who are NOT PIV enforced will select their Email certificate.

Users who are PIV enforced must select their Authentication certificate.

Enter Pin when prompted.



Step 10

Click accept on the pop up accepting the terms of the Information Systems user agreement. (fig. 10)

Once you accept, you will see a pop up notifying you that you are connected to ONE-Net via VPN. (fig. 11)



Fig. 10

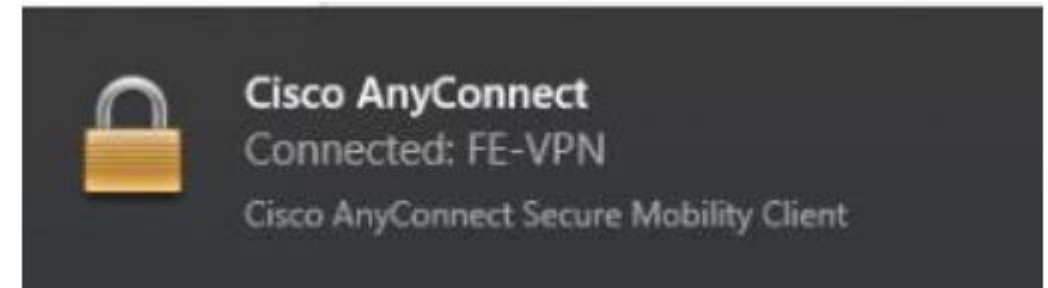


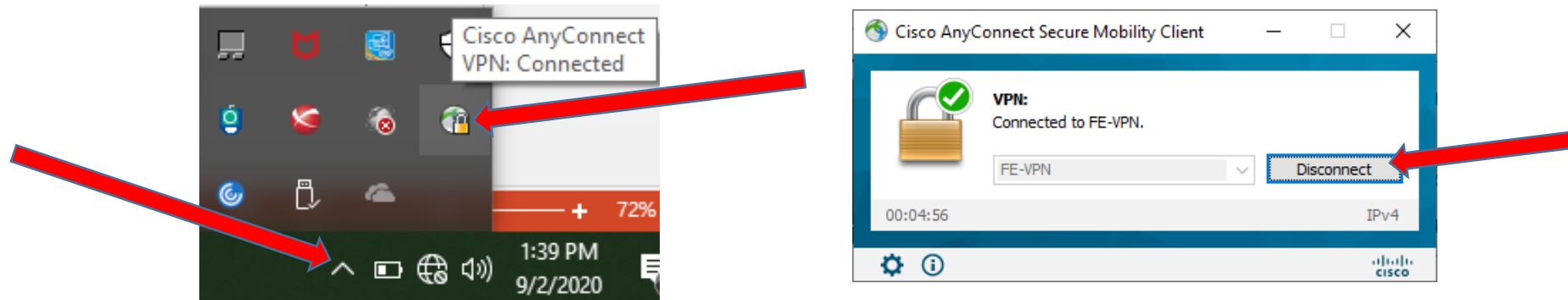
Fig. 11



Disconnect from VPN

Once you are ready to disconnect from the VPN service, you just need to click the ^ arrow on the taskbar and then the Cisco AnyConnect icon. You will be prompted to disconnect from the Wi-Fi service.

Click disconnect and your session will be ended.



Ending Wi-Fi Service

The Wi-Fi service ends upon the following activities:

- Disconnect from VPN
- Disconnect from Network
- Removal of wireless adapter
- Perform normal shutdown (Do not hold down power button)



APPENDIX: COVID-19 TEMPORARY SETTINGS

Due to the coronavirus (COVID-19) outbreak, the following temporary ONE-NET Wi-Fi settings will be in place until maximum telework policy has been relaxed.

1. There will be no 3 minute timer after acquiring wireless networks as described in step 2 of this process.

Users will have no time limit to establish a wireless connection once the ONE-NET Wi-Fi Service has been started. A pop-up window will indicate “WiFi Networks are ready for connection” in place of the 3 minute timer pop-up window.

2. No VPN connection is required once a wireless connection has been established. Users can utilize Internet services freely without the need to establish an encrypted tunnel via a VPN connection.



END



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