LEC VPN NETWORK ACCESS SETUP AND CONFIGURATION GUIDE





TABLE OF CONTENTS

SECTION 1.0: GENERAL OVERVIEW	2
Section 1.1: APP and device overview	2
Section 1.2: Support Information	2
SECTION 2.0: FORTINET VPN CLIENT	3
Section 2.1: DOWNLOADING THE SOFTWARE	3
Section 2.2: Forticlient VPN CONFIGURATION	5
Section 2.3: INITIATE CONNECTION FROM APPLICATION	4
SECTION 3.0: FORTITOKEN MOBILE	8
Section 4.1: Installation	8
Section 4.2: Configuration	9
SECTION 5.0: LOGGING INTO THE NETWORK	. 10
Section 5.1: Logging into the network	11





Change Log:

Date	Author	Change	Version Number

Section 1.0: General Overview

1.1: APP AND DEVICE OVERVIEW

LEC recently performed upgrades to our network infrastructure. These upgrades included new top of the line firewalls to ensure our private network remains highly secure. With these firewall upgrades, LEC has migrated from using Cisco Any Connect to FortiClient VPN for access to LEC's private network. This new access method will require two factor authentication via the FortiToken Mobile app.

The following is a step-by-step instructional guide to get set up with the needed software including the FortiNet VPN client software as well as the two-factor authentication app, FortiToken Mobile, required for VPN access.

1.2: SUPPORT INFORMATION

For assistance with installing the software or if you have questions, please contact support at the below link:

https://solveit.lecinc.com/support/home





Section 2.0: FortiNet VPN Client

This section will walk through the download and installation of the FortiNet VPN Client. This is the software will replace the Cisco AnyConnect that is currently used to access the LEC private network.

2.1: DOWNLOADING THE SOFTWARE

Follow the below link to download the VPN software:

https://solveit.lecinc.com/support/solutions/articles/60000716663-lec-vpn-client

Once on the download page, choose the version that matches the OS on your PC. For example, for Windows PC's, select "Download VPN for Windows".

FortiClient VPN			
The VPN-only version of FortiClient offers SSL V devices.	/PN and IPSecVPN, but does not	include any support. Download th	e best VPN software for multiple
Remote Access		É	()
SSL VPN with MFA	Download VPN for Windows	Download VPN for MacOS	Download VPN for Linux
IPSEC VPN with MFA	DOWNLOAD	DOWNLOAD	DOWNLOAD .rpm
	Download VPN for iOS	Download VPN for Android	Download VPN for Linux
	DOWNLOAD	DOWNLOAD	DOWNLOAD .deb

The client will download to your PC. Once completed, navigate to your downloads folder and click the FortiClientVPN installer.

On the first screen, put a checkmark in the box to agree to the license terms then click **Next**.







On the next screen, click Install to begin the installation of the software. Choose a location for the software to install otherwise leave as is and click **Next**.

🛃 FortiClient VPN Setup	-		Х
Destination Folder Click Next to install to the default folder or dick Change to choos	se another.	1	
Install FortiClient VPN to:			
C:\Program Files\Fortinet\FortiClient\ Change]
Back	Next	Can	cel

On the next screen, click Install.







The software will begin to install.

FortiClient VPN Setup	– 🗆 X
Installing FortiClient VPN	
Please wait while the Setup Wizard installs F	ortiClient VPN.
Status: Copying new files	
	Back Next Cancel

Once the software has completed installing, click Finish.



2.2: FORTICLIENT VPN CONFIGURATION

After the install is complete, this section will walk through the required set up for access to the LEC VPN Network.



Begin by locating the shortcut on your desktop:



The first time you open the software, you'll be asked to acknowledge that the software you're about to use if free and you will not contact FortiNet support for assistance. Place a check in the box and click I Accept.



NOTE: for any connection issues, please continue to contact LEC technical support.

On the next screen, click the three lines to the right of the VPN Name box and click "Add a new connection".





	ß	
VPN Name	IQP	~
Username		Add a new connection
_		Edit the selected connection
Password		Delete the selected connection
	C	Connect

On the next screen, enter the following:

- VPN: SSL-VPN
- Connection Name: Enter Connection Name
- **Description**: Enter Description of Connection
- Remote Gateway: secure1.lecinc.com:44333
- Add Remote Gateway: secure2.lecinc.com:44333
- Client Certificate: None
- Authentication: choose "Prompt on login" or "Save login"

When done, click Save

File Help FortiClient File FortiClient	ent VPN		
Opgrade to the full version	Edit VPN Conn	and receive technical support.	
	VPN	SSL-VPN IPsec VPN XML]
	Connection Name	LEC IOT]
	Description	LEC IOT	
	Remote Gateway	secure1.lecinc.com:44333	×
		secure2.lecinc.com:44333	×
		+Add Remote Gateway	
		Enable Single Sign On (SSO) for VPN Tunnel	-
	Client Certificate	None v	
	Authentication	Prompt on login O Save login	
	Username	YourUserName]
	I	Cancel Save	_





All the connections are now ready for use. The next section will cover setting up two factor authentication on your mobile device.

Section 3.0: FortiToken Mobile

In order to access the LEC private network, every user will be required to use two factor authentication before access is allowed. This can be done by using the associated app downloaded onto your cell phone. This section will walk through the setup.

SECTION 4.1: INSTALLATION

From the google app store, search for the following app: FortiToken Mobile



Select and install the application onto your mobile device.

NOTE: for iOS, the process is the save. The application can be found in the Apple app store.





SECTION 4.2: CONFIGURATION

Before proceeding further, you will need to contact LEC support in order to be provided with a token. This will come via an email from the LEC Authentication server. Once the email is received, you will only have a few hours to complete the process before the token will expire and you will need to request a new one. The email will come with an attachment with a QR code. This code can be used to scan into the software for ease of use.

NOTE: This process will only have to be done once upon initial activation.

Now that the application is installed, click Open from the app's location in the app store or find the app icon in your apps list to open.



Once the app is open, it should open to a screen similar to the below. Locate the email provided from the LEC-Authentication server. Open the attachment with the QR code. Click "Scan Barcode" from the bottom of the screen.

÷	FortiToken Mobile	:	
	Welcome to FortiToken Mobile		
	Scan or enter the key to add token		
	SCAN BARCODE ENTER MANUALLY		
	F		





Once the barcode has successfully scanned, the screen will provide you with a 6-digit access code. If the 6 digit code is not displayed, click the eye symbol with a slash through it.



Everything is now set up to get access to the LEC private network.

Section 5.0: Logging into the Network

This section will walk through how to use the FortiClient VPN client with the FortiToken Mobile two factor authentication to get access to the LEC private network.

Before proceeding, you'll need to have your username and password, provided by LEC technical support. If you do not have a username and password, please refer to section 1.2 to contact technical support.





SECTION 5.1: LOGGING INTO THE NETWORK

LE©

Open the FortiClient VPN software from your desktop on your PC. From the VPN Name dropdown, choose Secure 1 or 2. Enter your username and password combo provided by LEC technical support then click **Connect**.

VPN Name	Secure 2	≡
Username	hidden	
Password		
	Connect	

The Client will start to connect. On your mobile device, a authentication request will popup. Click Approve to allow the connection.

Login Request		
User:	UserName	
IP:	XXXX.XXXX.XXXX	
Time:	16:47:03 Apr 8, 2022	
Client Application:	LEC VPN Auth	
Deny	Approve	

The connection will then complete.









To disconnect from the VPN, open the FortiClient VPN software, and click Disconnect.

