HARDWARE SETUP

A Plug-in power cord
(**Make sure the power light is off**)

C Connect Power to the Device

B Connect Patch Cable to Router

D Power the SmartVPN device

USER SETUP

Users are maintained by On Technology Partners

User Accounts should be set up prior to you receiving the SmartVPN unit as part of the ordering process. If you have not received your account info, please follow instructions below.

Send an email to: SmartVPN@ontechpartners.com to request usernames & passwords. Email should contain First & Last names of requested users. User Passwords will be distributed via LastPass. If you don't have an account, you can sign up for a free account at LastPass.com

A You will plug the power cable in before you plug into the device to verify that the switch is not powered on.

B You will plug in the SmartVPN into the Router or Switch on the network that you want remote access to. *This could be at your home or office depending on the situation.*

C Once you know that power is not on to the switch, you will plug the USB-C power cable into the device.

D Last step is to simply turn on the switch to the device

Move on to the Router/Firewall Setup on Page 2

info@ontechpartners.com

https://ontechnologypartners.com

216.920.3100

ROUTER/FIREWALL SETUP

A **Reserve IP Address of SmartVPN on Router.**

It is important that the SmartVPN device always keeps the same IP address on your network to function properly.

Login to your router and following your router manufacturer's instructions, determine the IP address & reserve the address on the router. This will force your router to save the address and always assign it to the SmartVPN Device.

Alternate way to determine the SmartVPN IP Address – Figure 1
1. open a cmd or terminal
2. Run: PING SMARTVPN
This command will return the IP address.

```
C:\Users\mwise>ping SMARTVPN

Pinging SMARTVPN          [192.168.0.130] with 32 by
Reply from 192.168.0.130: bytes=32 time<1ms TTL=64
Reply from 192.168.0.130: bytes=32 time<1ms TTL=64
Reply from 192.168.0.130: bytes=32 time<1ms TTL=64
Reply from 192.168.0.130: bytes=32 time<1ms TTL=64

Ping statistics for 192.168.0.130:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

Figure 1 - PING SMARTVPN

Even if you determine the IP address using alternate method, you still need to reserve the IP address in the router to assure VPN functionality in the future.

B **Setup Port Forwarding for VPN services.**

The next step is setup 3 ports to be forwarded from the router to the SmartVPN which will allow the SmartVPN to function on your network.

Following your device manufacturer's instructions for port forwarding, configure the following ports.

Source Port	Dest Port	Type	IP
5555	5555	TCP	**SmartVPN IP Address**
4500	4500	UDP	**SmartVPN IP Address**
500	500	UDP	**SmartVPN IP Address**

**Verify Port Forwarding Setup
(Port should read "open")**

1. Determine your public IP address
   Type "MY IP" in google search bar or at:
   https://whatismyipaddress.com/

2. Check TCP port 5555 at:
   https://www.yougetsignal.com/tools/open-ports/

3. Check UDP ports 4500 & 500 at:
   https://www.ipfingerprints.com/portscan.php
   Use the advance feature to allow for UDP scan.

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CLIENT SOFTWARE SETUP – WINDOWS 10

Client Setup

Search VPN in search bar
Click...Add a VPN connection

Add a VPN connection

VPN provider
Windows (built-in)

Connection name
"Your desired name"

Server name or address
Static IP or DDNS domain name

VPN type
L2TP/IPsec with pre-shared key

Pre-shared key
●●●●●●●●●●

Type of sign-in info
User name and password

User name (optional)
OTP

Password (optional)
●●●●●●●●●●●●

☑ Remember my sign-in info

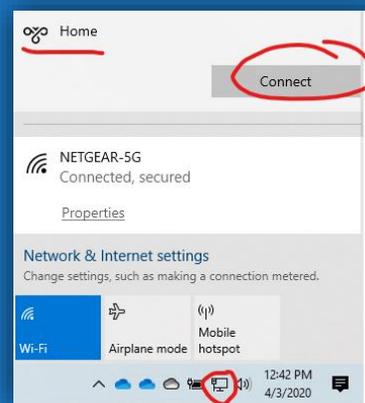VPN Provider is Windows (built in)

Connection name is your custom name (Office or Home or name of Office)

Server name or address is the Static IP or domain name (provided with your account credentials)

VPN Type is **L2TP/IPsec** with pre-shared key

Pre-shared Key (provided with your account credentials)

Sign in is User name and password
Enter Credentials
Remember sign in info if desired

Home

Connect

NETGEAR-5G
Connected, secured

Properties

Network & Internet settings
Change settings, such as making a connection metered.

Wi-Fi   Airplane mode   Mobile hotspot

12:42 PM
4/3/2020

Click network icon in task bar (VPN's are listed at the top)
Select the VPN and Click Connect

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CLIENT SOFTWARE SETUP – MAC

A On your Mac, choose Apple menu ⌘ *> System Preferences, then click Network.*

Click the + in the lower left corner

B Interface – VPN

VPN Type – L2TP over IPSec

Give the connection a name

C Enter Server Address

Account Name is username
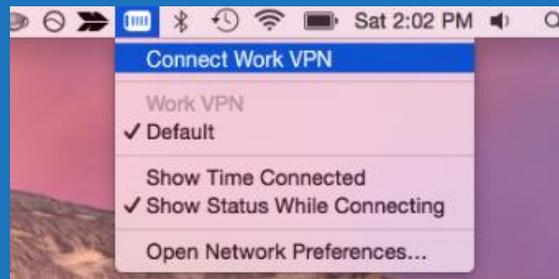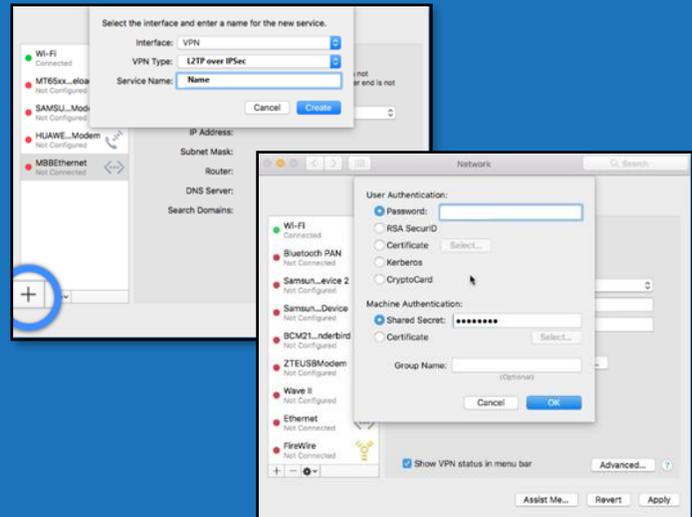
D Click Authentication Settings

Enter Password (if desired)

Enter Shared Secret

Check the Show VPN status in menu bar

E Click VPN icon in menu bar

Select Connect ...
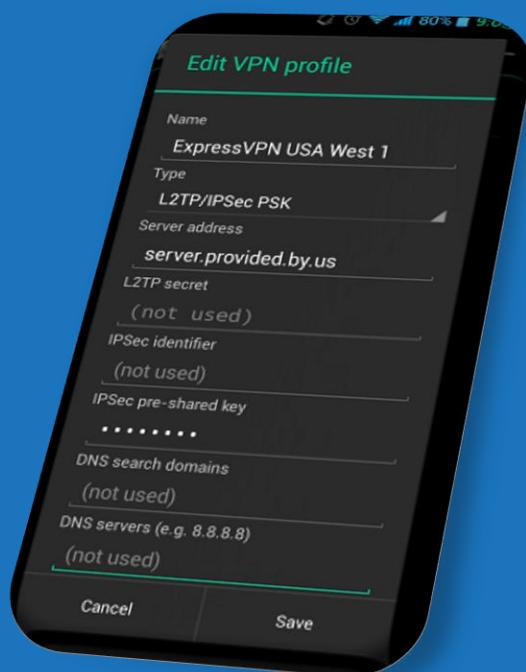
SmartVPN
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CLIENT SOFTWARE SETUP – ANDROID

Open the Settings app.

Under the "Wireless & networks" section, "More".

Select "VPN".

On the top-right corner you will find a + s tap it.

Connection name is your custom name (Office or Home or name of Office)

Server name or address is the Static IP or domain name (provided with your account credentials)

VPN Type is **L2TP/IPsec** with pre-shared key

Pre-shared Key (provided with your account credentials)

Sign in is User name and password

Enter Credentials

Remember sign in info if desired

Save

Select the VPN to open and connect

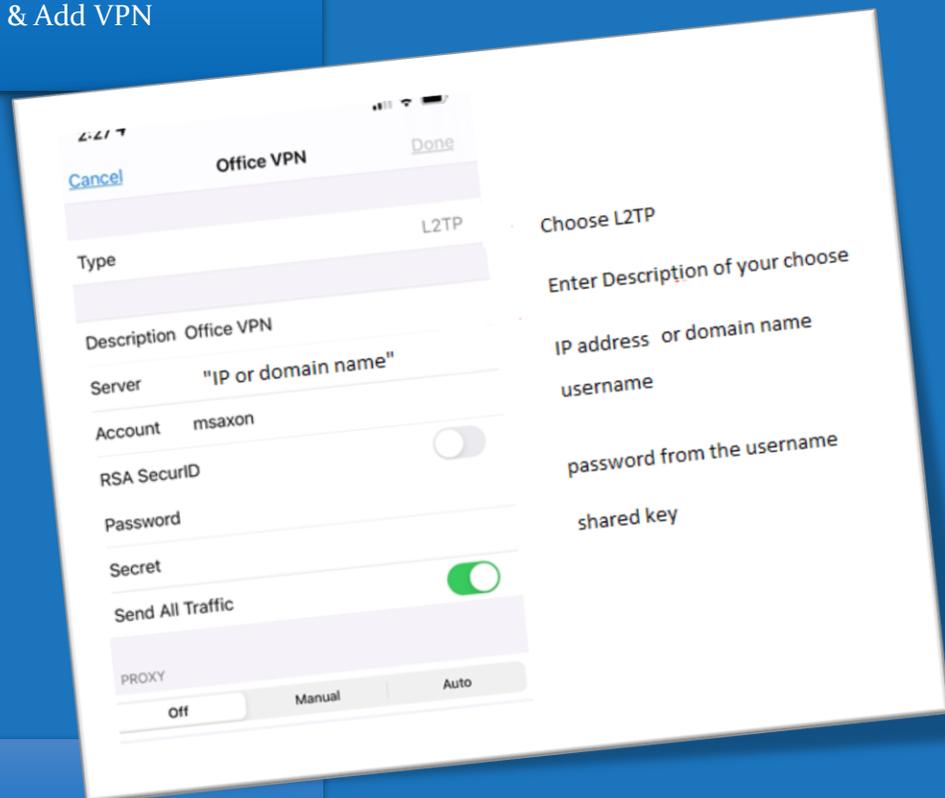# SmartVPN
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CLIENT SOFTWARE SETUP – IPHONE

Go to Settings

General

Scroll down to VPN & Add VPN configuration

Click on Done

Go back one screen

Select VPN to connect