

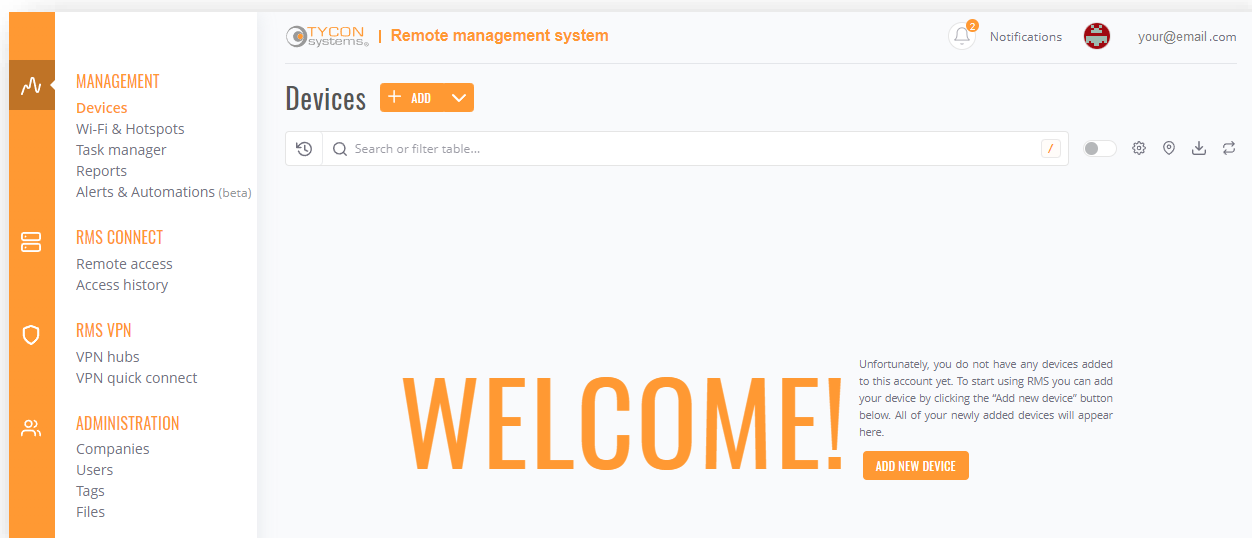
## VPN Configuration for Remote Management System

Log into your rms.tyconsystems.com account.

First, you will need to add a device.

Make sure the device you want to add is powered on and has a connection to the internet.

Click on the ADD button.



For the device series, select RUT.

Enter a name for your device. This can be anything you choose.

Enter the 10-digit serial number. This is printed on the bottom of the device.

Enter the 12-digit MAC Address. This is printed on the bottom of the device.

Enter the password. If you have not changed the password, enter the one printed on the bottom of the device.

Click on Submit.

**Manual** From File

This form is used to add a device or multiple devices to your RMS company. To successfully add a device, you must use your device's serial number and MAC address (or IMEI if you are adding a TRB device), both of which can be found on the box the device came in, as well as in your router web settings.

Device series ?

RUT ▼

Automatically enable device service ?

Name	Serial number	LAN MAC Address	Password	<span>?</span>
<span>+</span> RUT241_C9CD	6000123456	12:34:56:78:90:AB	<span>👁</span> ●●●●●●●●	<span>?</span>

**SUBMIT**

An status window will appear and tell you if it was successful.

## ACTION STATUS



If your device's RMS connection type is "Enabled", the device will try to connect to RMS every 2-5 minutes, if it isn't connected already. If the device hasn't connected to RMS in 14 days, it will go into "Standby" mode. In "Standby" mode, the device tries to connect to RMS every 6 hours, if it isn't connected already. If your RMS connection type is "Disabled", the device will not connect to RMS. In order to connect immediately, you can go into your device's RMS settings and press "Connect".

You can close this window anytime, your device will be added and continue connecting. Once your device has connected, its status will change to "Online".

- Adding devices [step 6]...
- Adding devices [step 7]...
- Adding devices [step 8]...
- Adding devices [step 9]...
- Adding devices [step 10]...
- Adding devices [step 11]...
- Adding devices [step 12]...
- Adding devices [step 13]...
- Processing credits...
- 1 devices were successfully added.

✓ Successfully added all devices to the system.

100.00%

NEXT

CLOSE

If the device status shows a red triangle, the password is incorrect. Click on the red triangle and enter the password again.

<input type="checkbox"/>	STATUS	ACTIONS	NAME	MODEL	COMPANY NA...	TAGS	SERIAL	MAC	CREATED AT
<input type="checkbox"/>			RUT241_...	RUT241	#71146...	-	6000123456	12:34:56:78:90:AB	2024-08-21 ...

If the status for the device shows a black circle (not activated), it may take a minute or two for it to turn green.

<input type="checkbox"/>	STATUS	ACTIONS	NAME	MODEL	COMPANY NA...	TAGS	SERIAL	MAC	CREATED AT
<input type="checkbox"/>	●		RUT241_...	RUT241	#71146...	-	6000123456	12:34:56:78:90:AB	2024-08-21 ...

Click on VPN hubs then click ADD.

**TYCON systems** | Remote management system

## VPN Hubs + ADD

Search or filter table...

- MANAGEMENT**
  - Devices
  - Wi-Fi & Hotspots
  - Task manager
  - Reports
  - Alerts & Automations (beta)
- RMS CONNECT**
  - Remote access
  - Access history
- RMS VPN**
  - VPN hubs**
  - VPN quick connect
- ADMINISTRATION**
  - Companies
  - Users
  - Tags
  - Files

Give the VPN a name and select a location from the drop-down menu, then click CREATE.

### ADD NEW VPN HUB — X

This menu is used to create a new VPN hub. You will be able to further customize your VPN hub after creation. The description and tags are only used for management purposes.

**⚠ If a VPN hub is inactive for 180 days, all configured VPN clients in the hub will have to update their configuration files to successfully connect to the hub.**

**VPN hubs get disabled automatically in these circumstances:**


- The VPN hub does not have any clients configured for 24 hours.
- The VPN hub is inactive (no clients connect to it) for 14 days.

Name  ?

Location  ?

Select location

- Germany
- Bahrain
- US - Virginia**
- Australia



Description (optional)

Tag (optional)  ?

**CREATE**

Click on the VPN you just created.

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## VPN Hubs + ADD




Q Search or filter table...

<span>●</span> <b>MY VPN</b>	
<b>DESCRIPTION</b>	
N/A	
<b>COMPANY NAME</b>	
#71146 my_company	
<b>CREATED AT</b>	
2024-08-21 15:43:23	
<b>TAGS</b>	
-	

Click on Clients.

VPN Hubs > my\_vpn


General **Clients** Routes Data Usage Configuration

NAME 	my_vpn
DESCRIPTION 	N/A
COMPANY NAME	#71146 my_company
CREATED AT	2024-08-21 15:43:23
ONLINE SINCE	2024-08-21 15:43:23
TAGS 	-

STATUS	<span style="color: green;">●</span> Online
SERVER LOCATION	US - Virginia
ACTIVE SESSIONS	0
SESSION RECEIVED DATA	0 Bytes
SESSION SENT DATA	0 Bytes
TOTAL DATA USED	0 Bytes

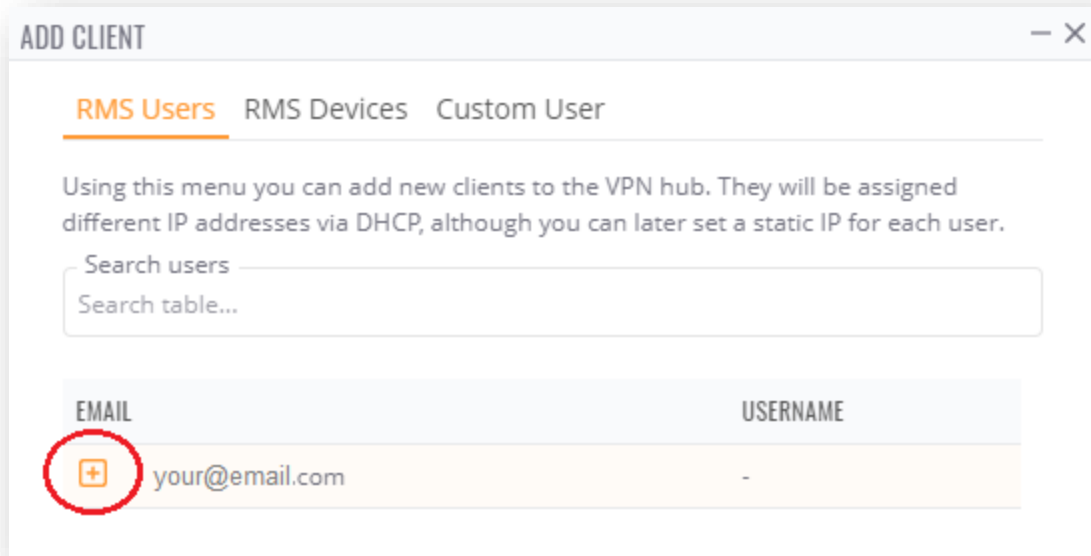
[DISABLE VPN](#) [RESTART VPN](#)

## SESSIONS

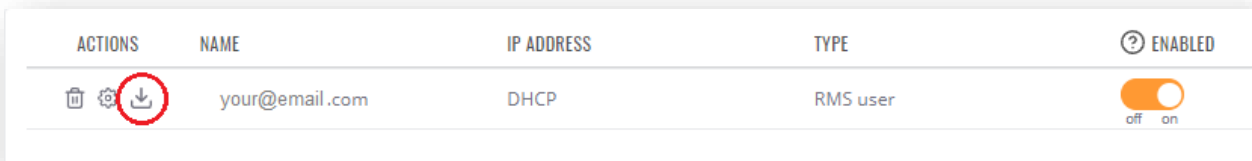
 There are no active sessions

You will need to add an RMS user and an RMS device. Click on ADD.

Click the plus symbol to add the RMS user, then click CONFIRM.

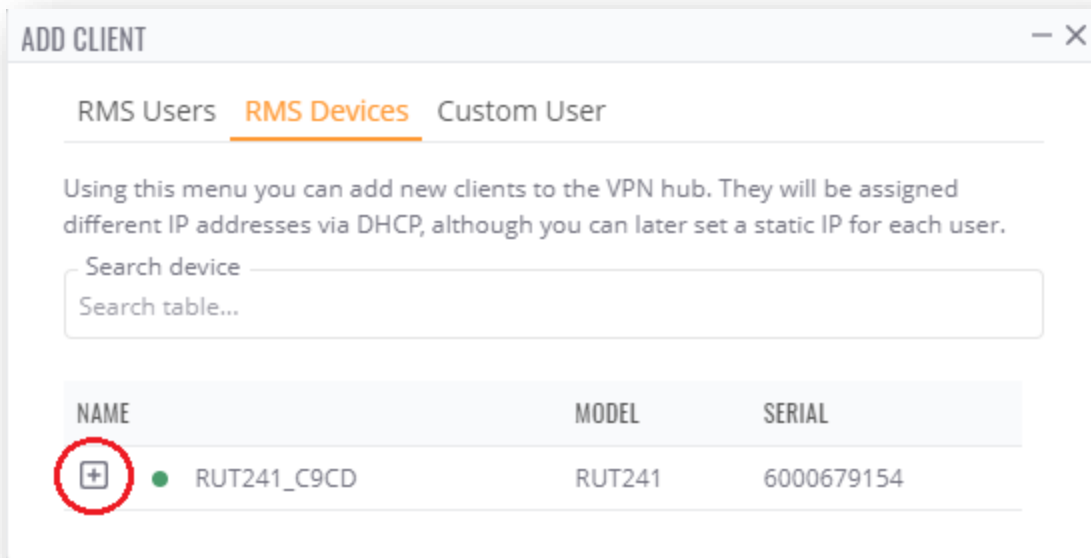


Click on the download button to download the VPN Configuration file. We will use this later.

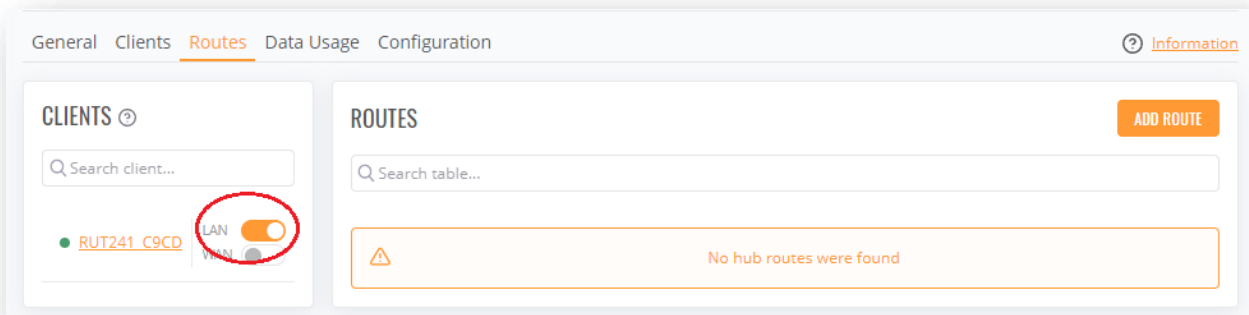


Select RMS Devices, then click on the plus symbol next to the device you want to add, then click CONFIRM.





Select Routes and enable LAN forwarding.



Click on ADD ROUTE. You can use Auto Scan to find devices that are connected to the LAN, or you can enter them manually.

To use Auto Scan, click on the Device box. Then select the device you want to scan.

**ADD ROUTE** — X

**Auto Scan** Manual

This menu allows you to automatically add an extra route to your VPN client from a list of previously discovered addresses. Auto scan can only be used on RMS device VPN clients. If this is an RMS device, depending on your configuration, you may also need to activate LAN (or WAN) forwarding.

Device

Search Device 🔍

RUT241\_C9CD

ADD

Click on SCAN DEVICE.

**ADD ROUTE** — X

**Auto Scan** Manual

This menu allows you to automatically add an extra route to your VPN client from a list of previously discovered addresses. Auto scan can only be used on RMS device VPN clients. If this is an RMS device, depending on your configuration, you may also need to activate LAN (or WAN) forwarding.

Device

RUT241\_C9CD 🔍

SCAN DEVICE

ADD

Select the device you want to add, then click on ADD.

**ADD ROUTE** — ×

**Auto Scan** Manual

This menu allows you to automatically add an extra route to your VPN client from a list of previously discovered addresses. Auto scan can only be used on RMS device VPN clients. If this is an RMS device, depending on your configuration, you may also need to activate LAN (or WAN) forwarding.

Device  Q

IP	MAC	VENDOR
<input checked="" type="radio"/> 192.168.2.112	10:3D:1C:AE:F7:FE	Intel Corporate

**SCAN DEVICE** **ADD**

To add a device manually, select Manual. Enter the IP address, Netmask, and Client.

**ADD ROUTE** — ×

Auto Scan **Manual**

Here you can manually add an extra route to your VPN connection. If this is an RMS device, depending on your configuration, you may also need to activate LAN (or WAN) forwarding.

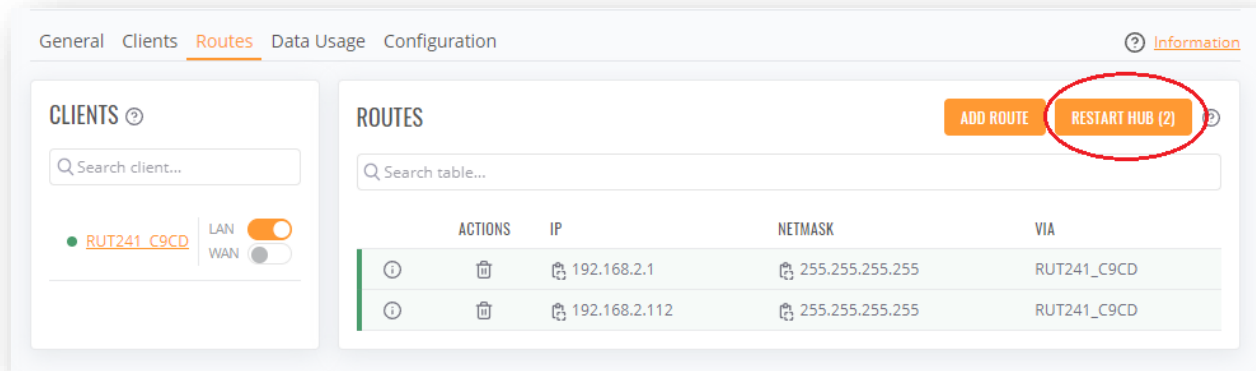
IP address

Netmask

Clients  Q ?

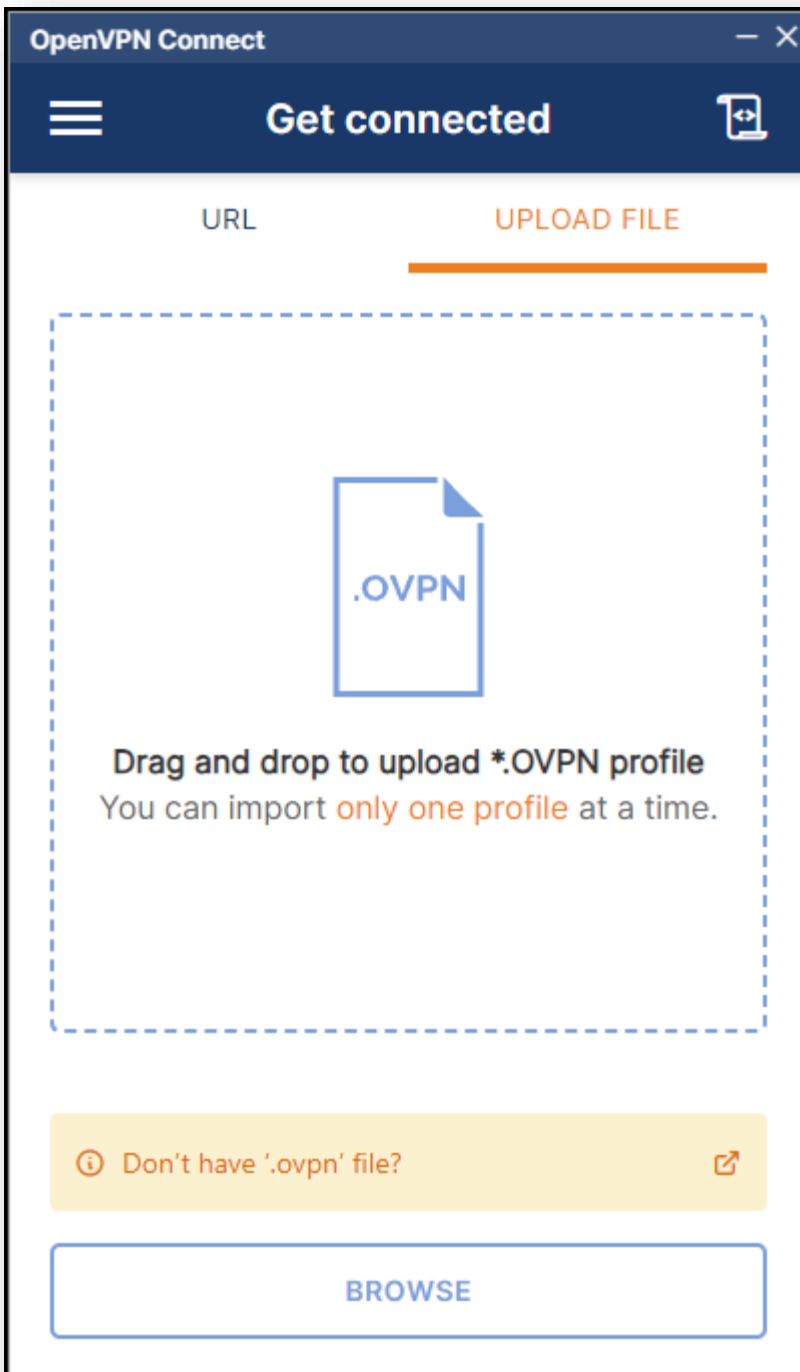
**ADD**

After making these changes the VPN Hub needs to be restarted. Click on RESTART HUB.



The VPN is now configured in RMS. To test it, download and install OpenVPN Connect at [openvpn.net/client/](https://openvpn.net/client/)

In OpenVPN Connect, click ULOAD FILE.



Now you will need the .ovpn configuration file that you downloaded earlier.

Drag the .ovpn file to OpenVPN window or select it by clicking BROWSE.

Click CONNECT.



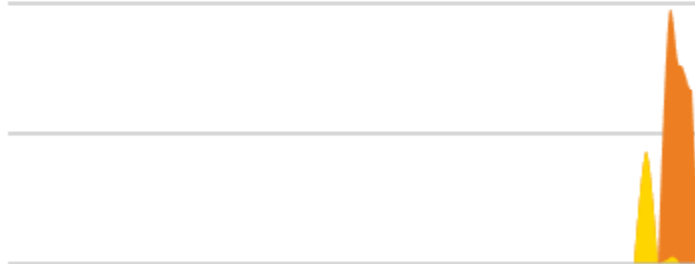
**CONNECTED**



OpenVPN Profile  
34.230.227.9  
[ your@email.com-my\_vpn]

**CONNECTION STATS**

10.6KB/s



0B/s

BYTES IN  
50 B/S



BYTES OUT  
7.32 KB/S

DURATION  
00:00:06

PACKET RECEIVED  
3 sec ago

YOU



YOUR PRIVATE IP

Now you can test the connection by entering the IP address in a web browser.

