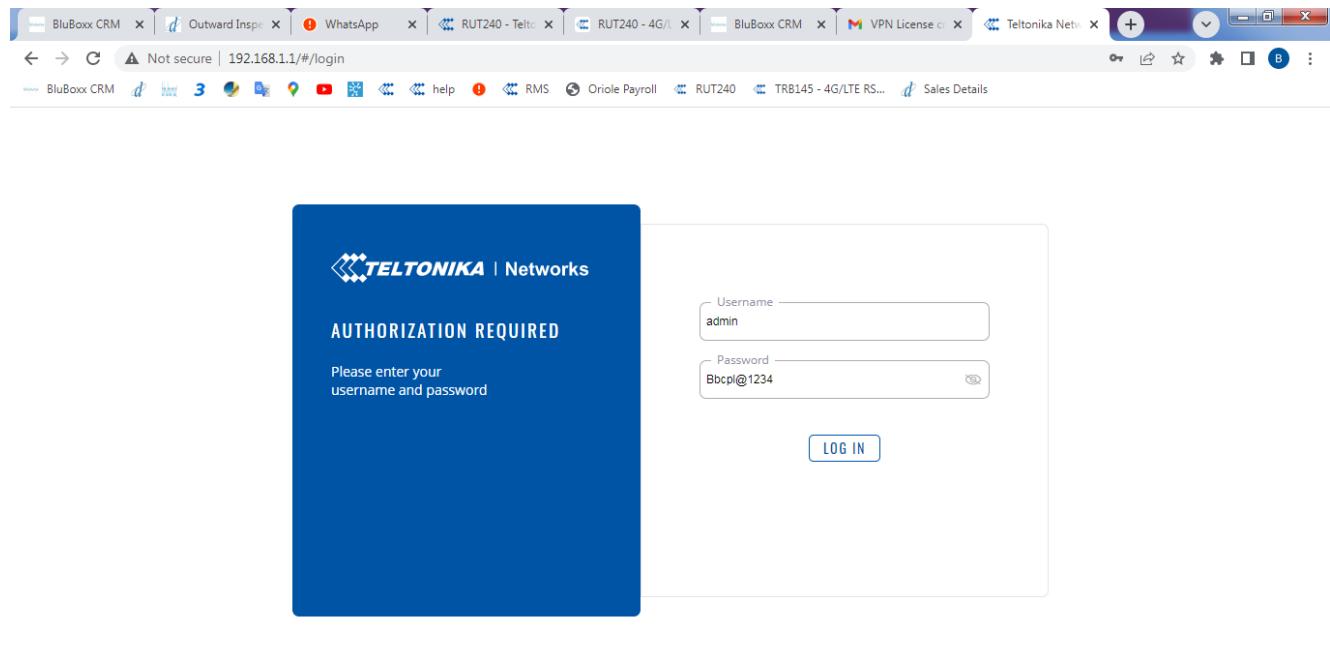


FW VERSION
RUT2_R_00.07.02.7

Remote access configuration

We need log in the device help of username and password



Below is the Status

The screenshot shows the 'status/overview' page of the RUT240 device. The top navigation bar includes links for BluBoxx CRM, Outward Insp., WhatsApp, RUT240 - Teltonika Networks, RUT240 - 4G/LTE, BluBoxx CRM, VPN License, Teltonika Networks, and Sales Details. The top right corner shows the mode as 'ADVANCED', user as 'ADMIN', FW VERSION as 'RUT2_R_00.07.02.7', and a 'LOGOUT' link. On the left, there's a sidebar with icons for STATUS, NETWORK, SERVICES, and SYSTEM. The main content area is divided into several cards:

- SYSTEM**: CPU load: (13.25%), ROUTER UPTIME: 00:05m 54s, LOCAL DEVICE TIME: 3/25/2023, 6:16:28 AM, MEMORY USAGE: RAM: (88.78%) FLASH: (18.6%), FIRMWARE VERSION: RUT2_R_00.07.02.7.
- MODEM**: DATA CONNECTION: Disconnected, STATE: searching: N/A, 3G (HSDPA and HSUPA), SIM CARD INFO: not inserted, BYTES RECEIVED / SENT: N/A / N/A.
- RUT240_7960 (2.4GHZ)**: MODE: Access Point, CHANNEL: 9, CLIENTS: 0.
- LAN**: TYPE: Wired (br-lan), IP ADDRESS: 192.168.1.1/24.
- WAN**: TYPE: Wired (eth1), FAILOVER: Disabled.
- MOB1STAT**: TYPE: Mobile, FAILOVER: Disabled.
- RECENT SYSTEM EVENTS**: 2022-12-08 12:31:06 Request from UART, 2022-12-08 11:16:37 Request from Web UI, 2022-12-06 10:38:01 Request after FW upgrade, 2022-12-06 10:29:18 Request from Web UI.
- RECENT NETWORK EVENTS**: 2023-03-14 06:50:45 Port link state of port LAN 1 changed to UP, 2023-03-14 06:50:45 Port speed for port LAN 1 changed to 100 baseT, 2023-03-14 06:50:43 Port link state of port LAN 1 changed to DOWN, 2023-03-14 06:50:29 Port link state of port WAN changed to DOWN.

We need to check the interface status is running

Not secure | 192.168.1.1/#/network/interfaces

BluBoxx CRM Outward In WhatsApp RUT240 - Teltonika N New Tab

BluBoxx CRM 3 help RMS Oriole Payroll RUT240 TRB145 - 4G/LTE RS... Sales Details

NETWORK

MOBILE INTERFACES

- WIRELESS
- FAILOVER
- FIREWALL
- VLAN
- ROUTING
- DNS

NETWORK INTERFACES

ID	NAME	STATUS	IP	Uptime	
1	LAN	Running	192.168.1.1/24	0h 6m 35s	<input type="button" value="Edit"/> <input type="button" value="Delete"/> <input type="button" value="off on"/>
2	WAN	Stopped	-	-	<input type="button" value="Edit"/> <input type="button" value="Delete"/> <input type="button" value="off on"/>
3	WAN6	Stopped	-	-	<input type="button" value="Edit"/> <input type="button" value="Delete"/> <input type="button" value="off on"/>
4	MOB1S1A1	Stopped	-	-	<input type="button" value="Edit"/> <input type="button" value="Delete"/> <input type="button" value="off on"/>
5	BBCPL2	Running	10.0.0.7/24	0h 6m 13s	<input type="button" value="Edit"/> <input type="button" value="Delete"/> <input checked="" type="button" value="off on"/>

ADD NEW INSTANCE

INTERFACE NAME:

11:48 25-03-2023

After that confirm the RMS setting enabled and connection state are connected

Not secure | 192.168.1.1/#/services/cloud_solutions/rms

BluBoxx CRM Outward Insp WhatsApp RUT240 - Teltonika N BluBoxx CRM VPN License Teltonika Net

BluBoxx CRM 3 help RMS Oriole Payroll RUT240 TRB145 - 4G/LTE RS... Sales Details

TELTONIKA Networks

MODE: ADVANCED USER: ADMIN FW VERSION: RUT2_R_00.07.027 LOGOUT

SERVICES

CLOUD SOLUTIONS

- RMS
- CLOUD OF THINGS
- VPN
- MOBILE UTILITIES
- AUTO REBOOT
- MODBUS
- INPUT/OUTPUT
- DATA TO SERVER
- EVENTS REPORTING
- NTP
- PACKAGE MANAGER

RMS SETTINGS

Connection type: Enabled
 Hostname: rms.teltonika-networks.com
 Port: 15009

STATUS

Management status	Enabled
Connection state	Connected
Serial number	1123072566
LAN MAC	00:1E:42:4E:79:5E
Next connection after	00:00:00

11:47 25-03-2023

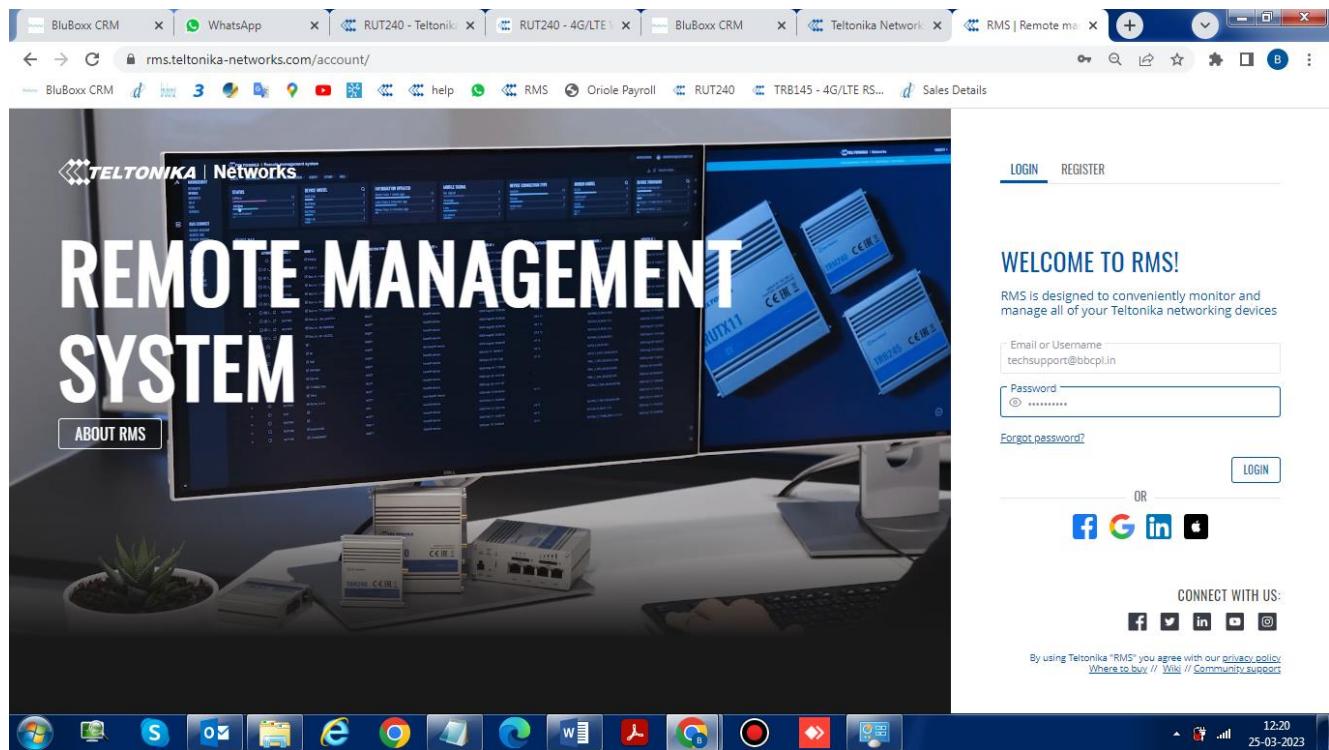
We need login the device which you want connect remotely and configure the IP address and gateway as per your choice as below

The screenshot shows a web browser window with the following details:

- Title Bar:** Shows multiple tabs: BluBoxx CRM, WhatsApp, RUT240 - Telco, RUT240 - 4G/LTE, BluBoxx CRM, 192.168.1.111, Teltonika RMS, ModbusGate, etc.
- Address Bar:** Shows "Not secure | 192.168.1.254".
- Content Area:**
 - Left Sidebar:** "Expand ALL", "Main Menu" (Overview, Network Settings), "Best viewed with IE6.0 or above at resolution 1024 x 768".
 - Network Settings Section:** "Lan 1" settings:
 - IP Address: 192.168.1.254 (radio button selected)
 - Subnet Mask: 255.255.255.0
 - Gateway: 192.168.1.111 (radio button selected)
 - DNS Server: 202.96.134.133 (radio button selected)
 - IP Report Section:**
 - Server Address: 192.168.1.254
 - Server Port: 4002 (1-65535)
 - Repeat Time: 10 (10-65535)
- Taskbar:** Shows various icons for Windows applications like File Explorer, Control Panel, Task View, and Start.
- System Tray:** Shows the date and time (12:36, 25-03-2023).

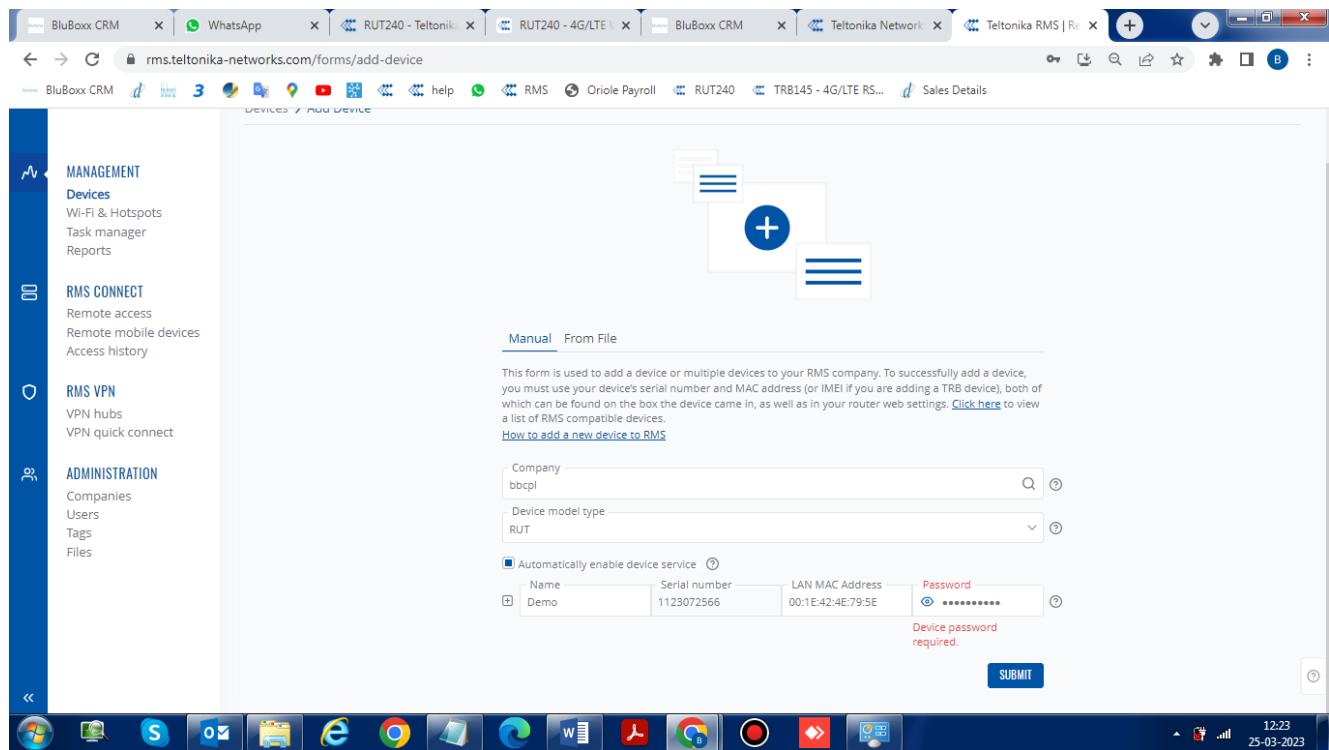
After that we need to go remote management system site and log into the account as below

<https://rms.teltonika-networks.com/account/>



Add the device clicking on the add button

Select module type, give it device name, Serial No, LAN MAC address, and password into it than submit



Below is action status successfully added

The screenshot shows a browser window with multiple tabs open. The active tab is 'Teltonika RMS | Remote manager'. A modal dialog box titled 'ACTION STATUS' is displayed, indicating that 16 devices were successfully added. The status bar at the bottom of the screen shows '100.00%' completion.

The screenshot shows a browser window with multiple tabs open. The active tab is 'Teltonika RMS | Remote manager'. A modal dialog box titled 'ACTION STATUS' is displayed, showing the status of a device named 'Demo' which is 'Authenticating device...'. The status bar at the bottom of the screen shows '12:23' and the date '25-03-2023'.

In the below screen we can see the device successfully added in RMS click on close

The screenshot shows a web-based management interface for Teltonika Networks RMS. On the left, a sidebar menu includes sections for MANAGEMENT (Devices, Wi-Fi & Hotspots, Task manager, Reports), RMS CONNECT (Remote access, Remote mobile devices, Access history), RMS VPN (VPN hubs, VPN quick connect), and ADMINISTRATION (Companies, Users, Tags, Files). The main content area is titled "Devices > Add Device". A central window displays an "ACTION STATUS" message: "Device 1123072566 successfully added to the system, waiting for connection...". Below this message is a table with columns "NO.", "STATUS", and "RUT". The first row shows "1" and a green checkmark next to "Device has been added successfully.". At the bottom of the table are "PREVIOUS" and "CLOSE" buttons, and a "SUBMIT" button. The table also includes columns for "Name" (test5), "Serial number" (1123072566), "LAN MAC Address" (00:1E:42:4E:79:5E), and "Password" (*****). The status bar at the bottom of the browser window shows the date and time as 25-03-2023 13:01.

After adding the device we can see the status in online

The screenshot shows the Teltonika RMS | Remote management system interface. The left sidebar has sections for MANAGEMENT (Devices, Wi-Fi & Hotspots, Task manager, Reports), RMS CONNECT (Remote access, Remote mobile devices, Access history), RMS VPN (VPN hubs, VPN quick connect), and ADMINISTRATION (Companies, Users, Tags, Files). The main content area is titled 'TELTONIKA | Remote management system' and 'Devices'. It displays four summary cards: STATUS (Online), DEVICE MODEL (RUT240), INFORMATION UPDATED (Less than 5 minutes ago), and MOBILE SIGNAL (No signal). Below these is a card for DEVICE CONNECTION TYPE (WIFI). A table lists one device entry:

STATUS	ACTIONS	NAME	MODEL	COMPANY NAME	TAGS	SERIAL	MAC	CREATED AT
Online	•	Demo	RUT240	#55550_bbcpl	-	1123072566	00:1E:42:4E:79:5E	2023-03-25 12:23:30

The bottom taskbar includes icons for various applications like BluBoxx CRM, WhatsApp, RUT240 - Teltonika, RUT240 - 4G/LTE, BluBoxx CRM, Teltonika Networks, Teltonika RMS | Re..., and a search bar. The system tray shows the date and time as 25-03-2023 12:25.

For the VPN configuration we need to go RMS → VPN hubs → click on add → give the VPN hub name → location will be Bahrain → then click on create

The screenshot shows the Teltonika RMS web interface. On the left, a sidebar menu includes sections for MANAGEMENT (Devices, Wi-Fi & Hotspots, Task manager, Reports), RMS CONNECT (Remote access, Remote mobile devices, Access history), RMS VPN (VPN hubs, VPN quick connect), and ADMINISTRATION (Companies, Users, Tags, Files). The main content area is titled "ADD NEW VPN HUB". It contains a message about disabled hubs and a form to set up a new hub. The "Name" field is populated with "RUTDemo" and the "Location" dropdown is set to "Bahrain". A world map shows a blue dot over Bahrain. Below the form are fields for "Description (optional)" and "Tag (optional)". A "CREATE" button is at the bottom right. The top navigation bar shows multiple tabs like BluBoxx CRM, WhatsApp, RUT240 - Teltonika, RUT240 - 4G/LTE, and Teltonika RMS | Remote management system. The status bar at the bottom indicates 12:28 and 25-03-2023.

This screenshot shows the same RMS interface after the VPN hub has been created. The main content area now displays a message: "NO DATA TO DISPLAY" followed by "There are no items available". A small "ACTION STATUS" dialog box is open, showing a green checkmark and the text "VPN hub created." with a "CLOSE (AUTO CLOSES IN 3S...)" button. The rest of the interface and status bar are identical to the previous screenshot.

Next is click on the VPN hub name for edit it

The screenshot shows a web browser window with multiple tabs open, including BluBoxx CRM, WhatsApp, RUT240 - Teltonika, RUT240 - 4G/LTE, BluBoxx CRM, 192.168.1.111, and Teltonika RMS | Remote management system. The main content area displays the 'VPN Hubs' section of the RMS interface. On the left, a sidebar menu includes sections for MANAGEMENT (Devices, Wi-Fi & Hotspots, Task manager, Reports), RMS CONNECT (Remote access, Remote mobile devices, Access history), RMS VPN (VPN hubs, VPN quick connect), and ADMINISTRATION (Companies, Users, Tags, Files). The 'VPN hubs' section is currently selected. A search bar at the top says 'Search or filter table...'. Below it, a table lists one item: 'RUTDEMO'. The table columns include 'DESCRIPTION' (N/A), 'COMPANY NAME' (#55550 bbcp), 'CREATED AT' (2023-03-25 12:29:08), and 'TAGS' (empty). A blue border surrounds the 'RUTDEMO' row. At the top right, there are 'Notifications' and an email link 'techsupport@bbcp.in'. A 'DOWNLOAD VPN CLIENT (BETA)' button is also present. The bottom of the screen shows the Windows taskbar with various pinned icons and the date/time '25-03-2023 12:29'.

Below is the general tab in the VPN hub we need to click on Client

The screenshot shows the Teltonika RMS interface with the URL rms.teltonika-networks.com/vpn/hubs/51815/general. The left sidebar has sections for MANAGEMENT (Devices, Wi-Fi & Hotspots, Task manager, Reports), RMS CONNECT (Remote access, Remote mobile devices, Access history), RMS VPN (VPN hubs, VPN quick connect), and ADMINISTRATION (Companies, Users, Tags, Files). The main content area shows the 'General' tab for a hub named 'RUTDemo'. It displays basic information like Description (N/A), Company Name (#55550 bbcpl), Created At (2023-03-25 12:29:08), Online Since (2023-03-25 12:29:08), and Tags. Below this is a summary of server status: STATUS (Online), SERVER LOCATION (Bahrain), ACTIVE SESSIONS (0), SESSION RECEIVED DATA (0 Bytes), SESSION SENT DATA (0 Bytes), and TOTAL DATA USED (0 Bytes). At the bottom are 'DISABLE VPN' and 'RESTART VPN' buttons. A 'SESSIONS' section indicates 'There are no active sessions'. The top right shows notifications and a support email (techsupport@bbcpl.in). The taskbar at the bottom shows various open applications and the date/time (12:29, 25-03-2023).

Click on the add client

The screenshot shows a web browser window with multiple tabs open. The active tab is 'rms.teltonika-networks.com/vpn/hubs/51815/clients'. The page title is 'TELTONIKA | Remote management system'. On the left, there's a sidebar with sections: MANAGEMENT (Devices, Wi-Fi & Hotspots, Task manager, Reports), RMS CONNECT (Remote access, Remote mobile devices, Access history), RMS VPN (VPN hubs, VPN quick connect), and ADMINISTRATION (Companies, Users, Tags, Files). The main content area has tabs: General, Clients (which is selected), Routes, Data Usage, Configuration. Below these tabs is a blue button labeled 'ADD CLIENT'. A search bar says 'Search or filter table...'. The center of the page displays the message 'NO DATA TO DISPLAY' and 'There are no data available'. At the bottom right, there's a timestamp '12:29 25-03-2023'.

Click on the RMS users + icon

This screenshot is similar to the previous one, but the 'ADD CLIENT' modal dialog is open over the main content area. The dialog has tabs at the top: RMS Users (selected), RMS Devices, Custom User. It contains a help text: 'Using this menu you can add new clients to the VPN hub. They will be assigned different IP addresses via DHCP, although you can later set a static IP for each user.' Below this is a search bar with 'Search users' and 'Search table...'. At the bottom, there are fields for 'EMAIL' (containing 'techsupport@bbcpl.in') and 'USERNAME' (containing '-'). The rest of the interface is identical to the first screenshot, including the sidebar and the 'NO DATA TO DISPLAY' message.

BluBoxx CRM WhatsApp Teltonika Networks - RUT240 Teltonika RMS | Remote manager

BluBoxx CRM WhatsApp Teltonika Networks - RUT240 Teltonika RMS | Remote manager

Notifications techsupport@bbcpl.in

MANAGEMENT

- Devices
- Wi-Fi & Hotspots
- Task manager
- Reports

RMS CONNECT

- Remote access
- Remote mobile devices
- Access history

RMS VPN

- VPN hubs
- VPN quick connect

ADMINISTRATION

- Companies
- Users
- Tags
- Files

TELTONIKA | Remote management system

VPN Hubs > test2

General Clients Routes Data Usage Configuration

ADD CLIENT

Search or filter table...

ADD CLIENT

RMS Users RMS Devices Custom User

Using this menu you can add new clients to the VPN hub. They will be assigned different IP addresses via DHCP, although you can later set a static IP for each user.

Search users Search table...

EMAIL USERNAME

techsupport@bbcpl.in -

13:07 25-03-2023

BluBoxx CRM WhatsApp RUT240 - Teltonika RUT240 - 4G/LTE BluBoxx CRM 192.168.1.111 Teltonika RMS | Remote manager

BluBoxx CRM WhatsApp RUT240 - Teltonika RUT240 - 4G/LTE BluBoxx CRM 192.168.1.111 Teltonika RMS | Remote manager

Notifications techsupport@bbcpl.in

MANAGEMENT

- Devices
- Wi-Fi & Hotspots
- Task manager
- Reports

RMS CONNECT

- Remote access
- Remote mobile devices
- Access history

RMS VPN

- VPN hubs
- VPN quick connect

ADMINISTRATION

- Companies
- Users
- Tags
- Files

TELTONIKA | Remote management system

VPN Hubs > RUTDemo

General Clients Routes Data Usage Configuration

ADD CLIENT

Search or filter table...

ACTION STATUS

NO DATA TO DISPLAY

✓ User successfully added to VPN hub.

CLOSE (AUTO CLOSES IN 25...)

12:30 25-03-2023

After adding the RMS users you need to add the RMS device as below click on + icon

The screenshot shows the Teltonika RMS interface. On the left, there's a sidebar with sections: MANAGEMENT (Devices, Wi-Fi & Hotspots, Task manager, Reports), RMS CONNECT (Remote access, Remote mobile devices, Access history), and ADMINISTRATION (Companies, Users, Tags, Files). The main area shows 'VPN Hubs > RUTDemo'. A sub-menu 'ADD CLIENT' is open, with tabs for 'RMS Users', 'RMS Devices' (which is selected), and 'Custom User'. Under 'RMS Devices', there's a table with one row: NAME (techsupport), MODEL (RUT240), and SERIAL (1123072566). To the right, there's a list titled 'Showing 1 of 1 items' with a single entry: 'Demo' with an 'ENABLED' switch set to 'on'.

This screenshot is similar to the previous one, but it includes a confirmation dialog box in the center. The dialog says: 'ADD THIS RMS DEVICE TO THE VPN HUB?' with two options: 'Si' (Yes) and 'Sí' (Yes). Below the dialog, the 'ADD CLIENT' table shows the same data as before: NAME (techsupport), MODEL (RUT240), and SERIAL (1123072566).

Now we successfully added the RMS Client and RMS device now we need add the routes for this

Go to the routes tab as below

The screenshot shows the Teltonika RMS interface with the following details:

- Left Sidebar:** MANAGEMENT (Devices, Wi-Fi & Hotspots, Task manager, Reports), RMS CONNECT (Remote access, Remote mobile devices, Access history), RMS VPN (VPN hubs, VPN quick connect), ADMINISTRATION (Companies, Users, Tags, Files).
- Header:** TELTONIKA | Remote management system, Notifications, techsupport@bbcpl.in.
- Breadcrumbs:** VPN Hubs > RUTDemo
- Top Navigation:** General, Clients (selected), Routes, Data Usage, Configuration, Information, How to set up an RMS VPN Hub, DEVICES, USERS.
- Table:** Shows two clients:

ACTIONS	NAME	IP ADDRESS	TYPE	ENABLED
	Demo	DHCP	Device	
	techsupport@bbcpl.in	DHCP	RMS user	
- Bottom:** Taskbar with various icons and system status (12:31, 25-03-2023).

In the routes tab go to click on the LAN tab and enable it

This screenshot shows the Teltonika RMS interface. On the left, a sidebar menu includes sections for MANAGEMENT (Devices, Wi-Fi & Hotspots, Task manager, Reports), RMS CONNECT (Remote access, Remote mobile devices, Access history), RMS VPN (VPN hubs, VPN quick connect), and ADMINISTRATION (Companies, Users, Tags, Files). The main content area is titled "TELTONIKA | Remote management system" and shows "VPN Hubs > RUTDemo". Below this, tabs for General, Clients, Routes, Data Usage, and Configuration are visible. The "Routes" tab is selected, displaying a table with one row: "techsupport@bbcpl.in". A blue button labeled "ADD ROUTE" is located at the top right of the table area. The status bar at the bottom indicates the date and time as 25-03-2023 and 12:31.

This screenshot is identical to the one above, but the "Routes" table shows two rows: "techsupport@bbcpl.in" and "techsupport@bbcpl.in". The "techsupport@bbcpl.in" entry has its "LAN" tab selected, indicated by a blue circle, while the "WAN" tab is greyed out. The rest of the interface, including the sidebar menu and status bar, remains the same.

Click on the add route select device and click on scan

The screenshot shows the Teltonika RMS interface. On the left, a sidebar navigation includes sections for MANAGEMENT (Devices, Wi-Fi & Hotspots, Task manager, Reports), RMS CONNECT (Remote access, Remote mobile devices, Access history), RMS VPN (VPN hubs, VPN quick connect), and ADMINISTRATION (Companies, Users, Tags, Files). The main content area is titled 'TELTONIKA | Remote management system' and shows 'VPN Hubs > RUTDemo'. The 'Routes' tab is selected. A modal window titled 'ADD ROUTE' is open, with tabs for 'Auto Scan' and 'Manual'. The 'Device' dropdown menu is open, showing 'Demo' selected. Below the dropdown, a list of discovered devices is shown:

IP	MAC	VENDOR
192.168.1.22	28:D2:44:19:6D:FA	Lcfc(hefei) Electronics Technology
192.168.1.254	00:22:6F:0E:9A:FC	3onedata Technology
10.0.0.1	3C:37:86:90:1A:BD	Netgear

At the bottom right of the modal is a blue 'ADD' button.

After click on the scan bottan we find the remote device ip as below is "192.168.1.254" select it click on add bottan

This screenshot shows the same 'ADD ROUTE' dialog as the previous one, but the 'IP' column in the table now includes '192.168.1.254'. The rest of the interface and the list of discovered devices remain the same.

Screenshot of a web browser showing the Teltonika Remote Management System (RMS) interface. The URL is rms.teltonika-networks.com/vpn/hubs/51815/routes.

The page title is "TELTONIKA | Remote management system". The navigation bar includes links for BluBoxx CRM, WhatsApp, RUT240 - Telco, RUT240 - 4G/LTE, BluBoxx CRM, 192.168.1.111, Teltonika RMS, ModbusGate, and Sales Details.

The main menu on the left is organized into sections: MANAGEMENT (Devices, Wi-Fi & Hotspots, Task manager, Reports), RMS CONNECT (Remote access, Remote mobile devices, Access history), RMS VPN (VPN hubs, VPN quick connect), and ADMINISTRATION (Companies, Users, Tags, Files).

The current view is under the "ROUTES" tab. The "CLIENTS" section shows a client named "Demo" connected via LAN. The "ROUTES" section displays a message: "are no hub routes available". A success message in a modal dialog says "Route successfully added." with a "CLOSE (AUTO CLOSES IN 2s...)" button.

The taskbar at the bottom shows various pinned icons and the date/time: 25-03-2023, 12:37.

After the routes successfully added we need to click on restart hub

The screenshot shows the Teltonika RMS interface. On the left sidebar, under 'RMS VPN' and 'VPN hubs', there is a 'Routes' section. In the main content area, the 'Routes' tab is selected. A table displays a single route entry:

ACTIONS	IP	NETMASK	VIA
	192.168.1.254	255.255.255.255	Demo

At the top right of the 'Routes' section, there are two buttons: 'ADD ROUTE' and 'RESTART HUB (1)'. The status bar at the bottom right shows the date and time: 25-03-2023 12:37.

Restart the HUB

The screenshot shows the same Teltonika RMS interface as before, but now a modal dialog box is open in the center. The dialog has a green checkmark icon and the text: '✓ VPN hub successfully enabled.' At the bottom right of the dialog is a blue 'CLOSE [AUTO CLOSES IN 2S...]' button.

After restart the hub now VPN hub configuration completed and now download the VPN configuration file

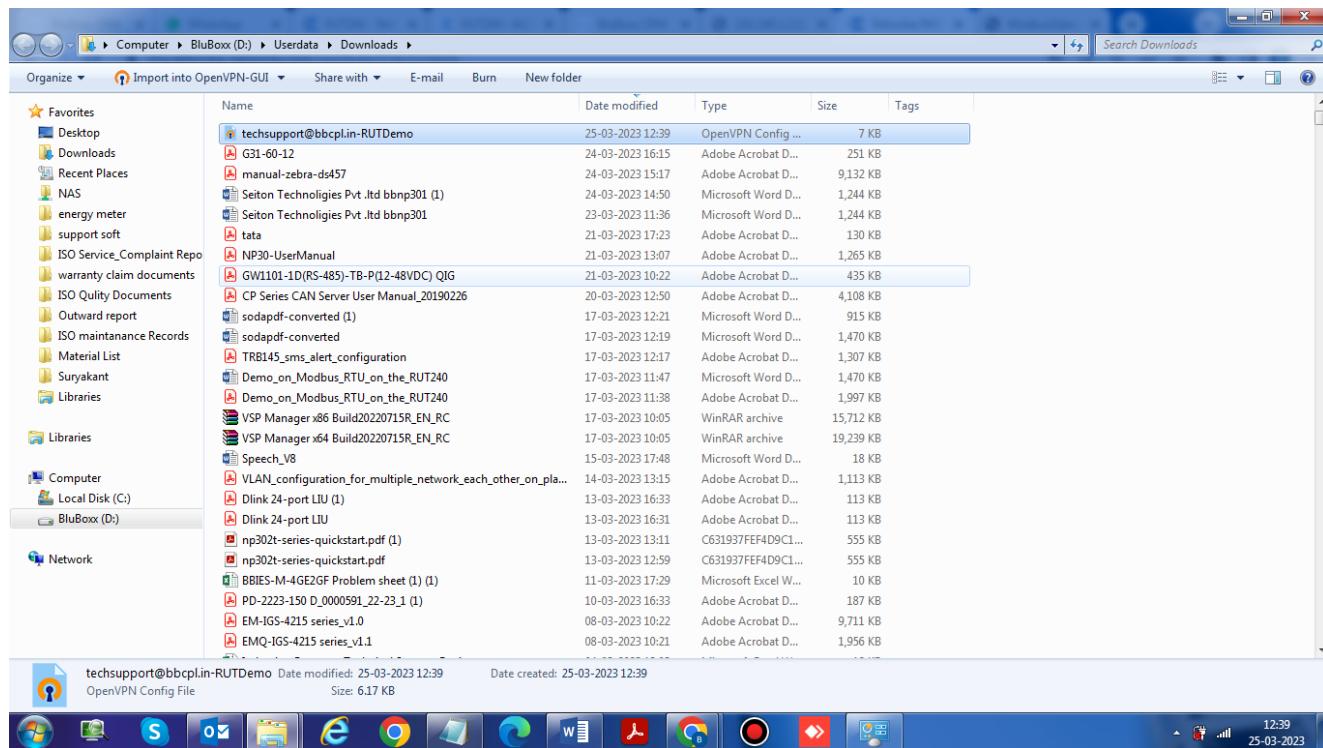
As per below screen

The screenshot shows the Teltonika RMS web interface with the URL rms.teltonika-networks.com/vpn/hubs/51815/clients. The left sidebar includes sections for MANAGEMENT (Devices, Wi-Fi & Hotspots, Task manager, Reports), RMS CONNECT (Remote access, Remote mobile devices, Access history), RMS VPN (VPN hubs, VPN quick connect), and ADMINISTRATION (Companies, Users, Tags, Files). The main content area shows the 'VPN Hubs > RUTDemo' page with tabs for General, Clients, Routes, Data Usage, and Configuration. The 'Clients' tab is selected, displaying a table with two entries:

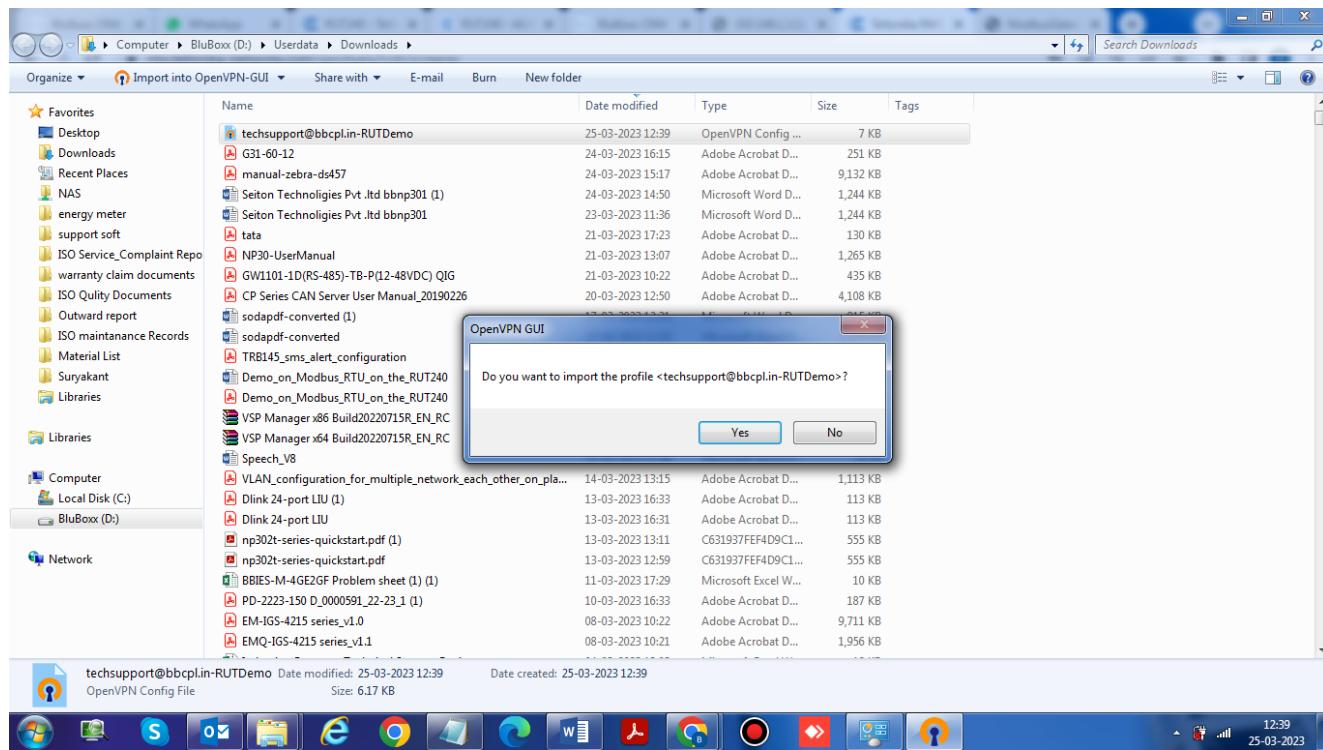
ACTIONS	NAME	IP ADDRESS	TYPE	ENABLED
	Demo	DHCP	Device	
	techsupport@bbcpl.in	DHCP	RMS user	

At the bottom of the client list, there is a button labeled "Download VPN configuration file". The status bar at the bottom right indicates the date and time as 25-03-2023 12:38.

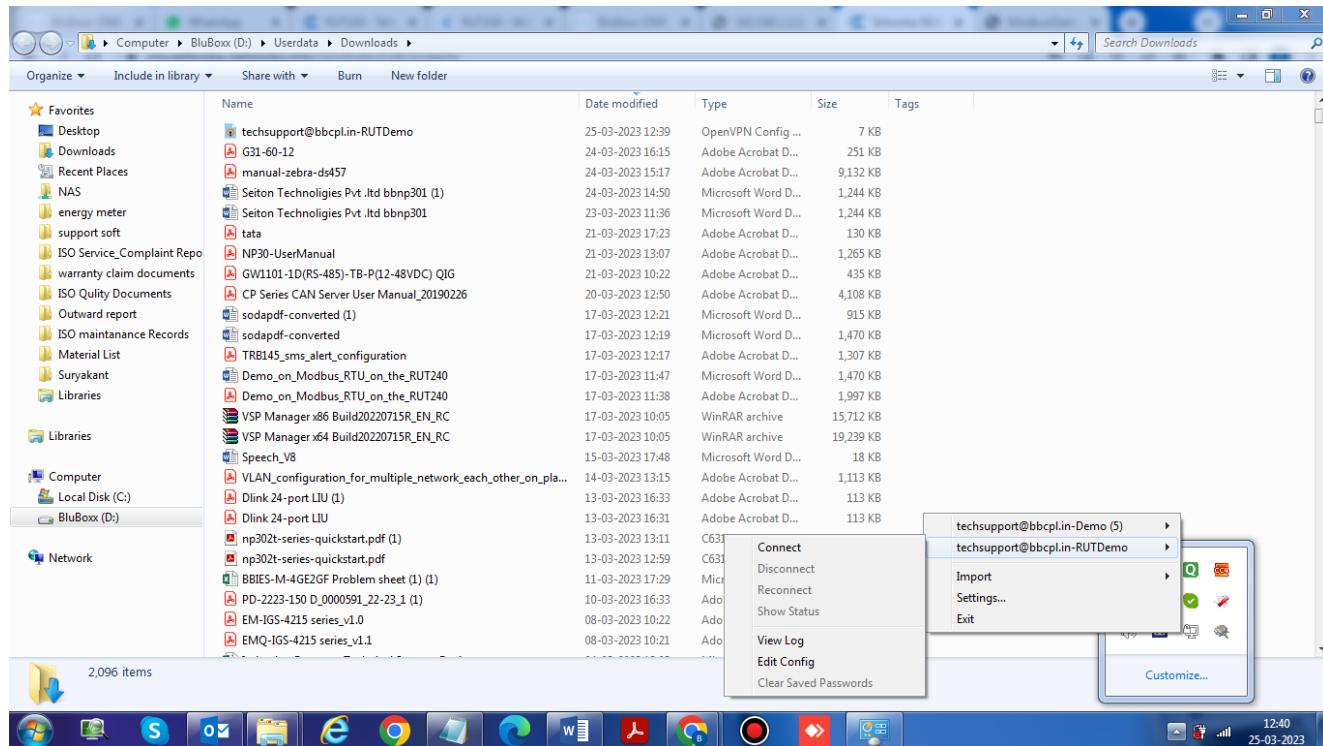
Below is the VPN configuration file for VPN connectivity



Double click on VPN file so it will be import to open VPN application click on Yes



Click on the open VPN icon at taskbar right click and select the VPN file name and click on connect so it will be connect over the VPN and after successfully connected we able to connect remote device which is connected to RUT240



Below the remote device which is connected over the VPN and login remotely

