

Demo on Modbus RTU on the RUT240

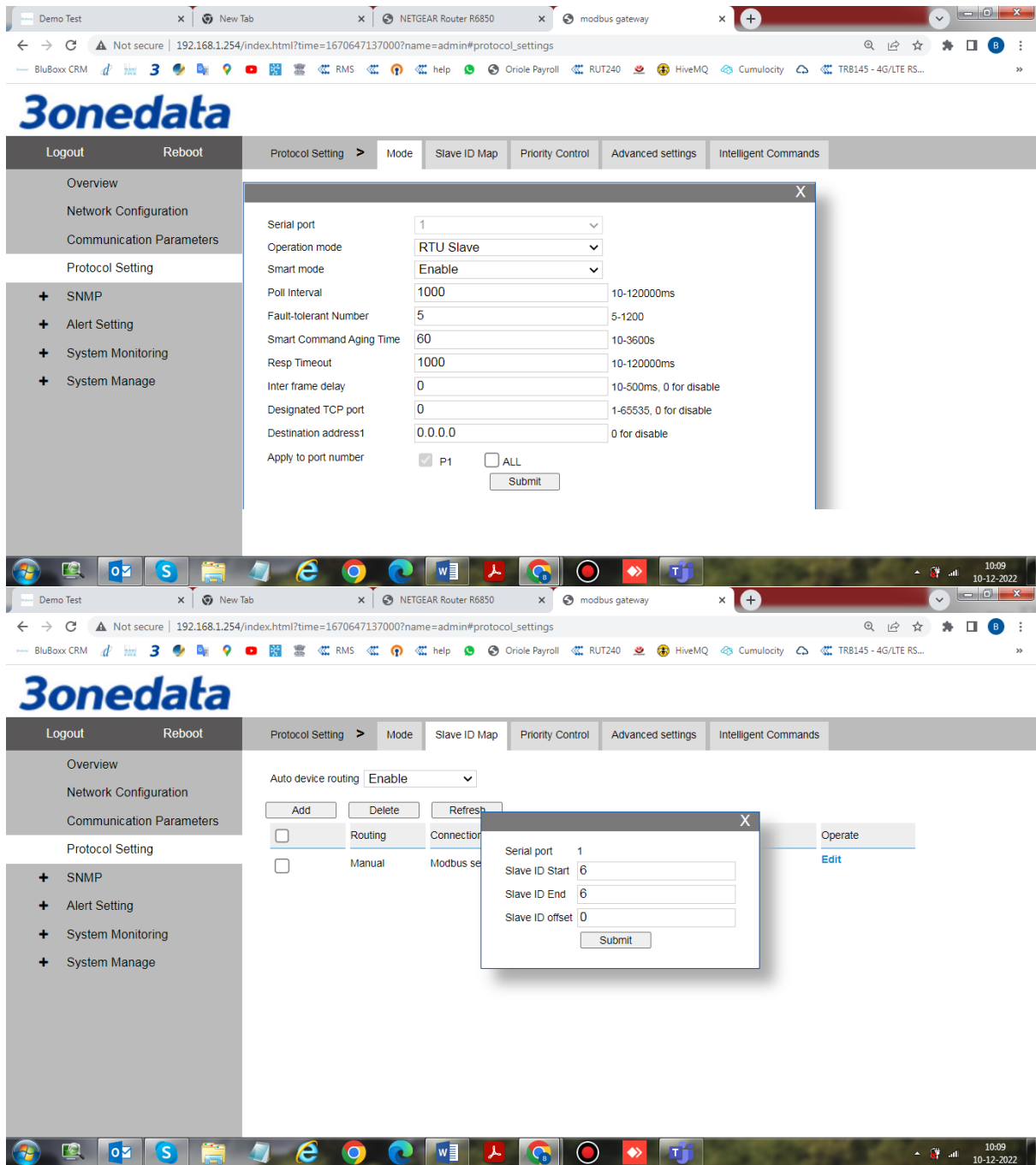
If want get the Modbus values on the RUT240 device. We need to convert the Modbus RTU to Modbus TCP only after that we get value on it

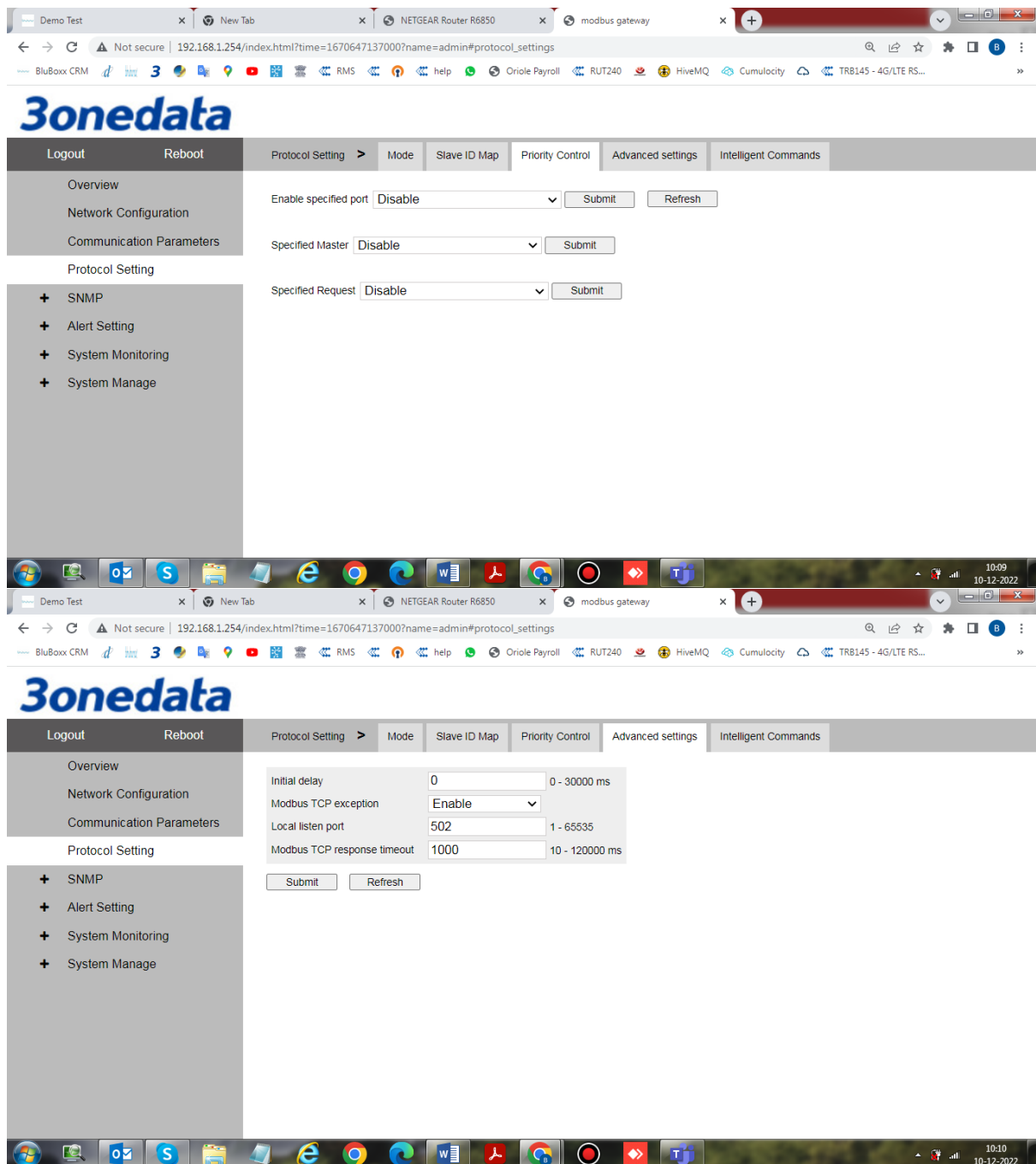
Below is the configuration for Modbus RTU to Modbus TCP configuration on the 3onedata (GW1101-1D(RS485)-TB)

The screenshot shows a web browser window displaying the 3onedata web interface. The browser's address bar shows the URL: 192.168.1.254/index.html?time=1670647137000?name=admin#serial_settings. The page has a sidebar on the left with navigation options: Logout, Reboot, Overview, Network Configuration, Communication Parameters (selected), Protocol Setting, and a list of settings with expandable icons (SNMP, Alert Setting, System Monitoring, System Manage). The main content area is titled 'Communication Parameters' and features a 'Refresh' button. Below this is a table with the following configuration:

Serial port	Serial name	Baud rate	Parity	Data bits	Stop bits	Flow control	Interface	FIFO	Operate
1	com1	9600	None	8	1	None	RS485	Enable	Edit

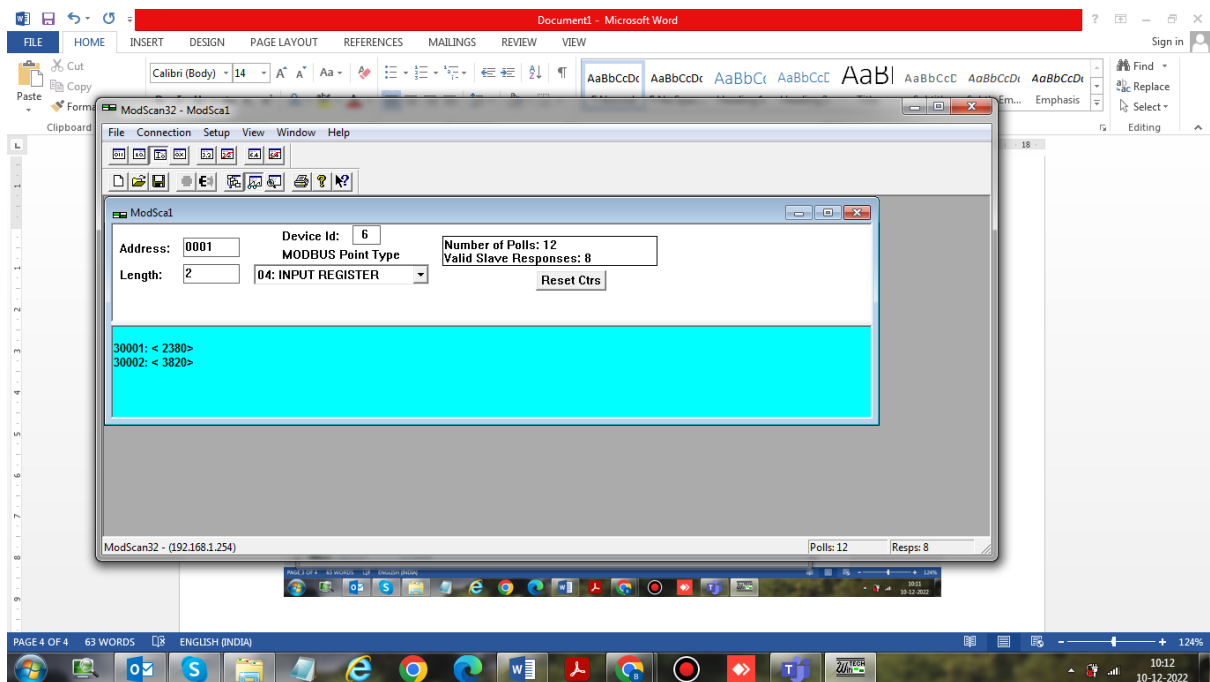
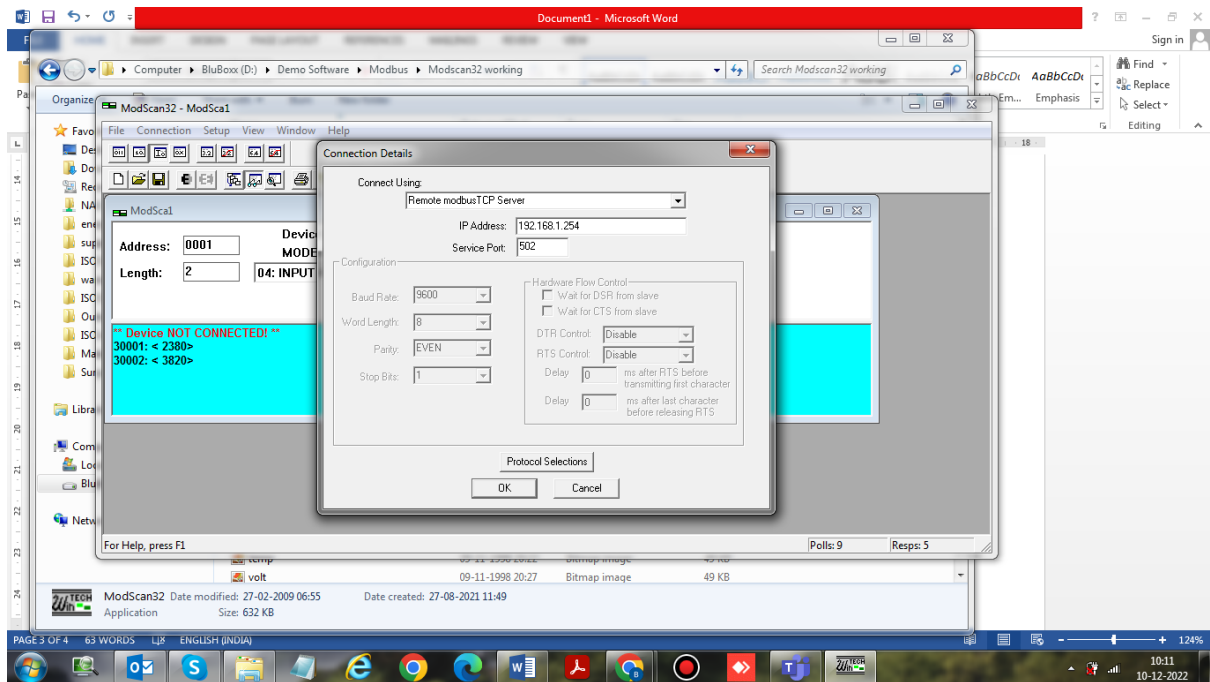
The Windows taskbar at the bottom shows the time as 10:09 on 10-12-2022.





After the modbus configuration it needs to restart

And check on the modscan



After the successfully convertor configuration and getting data on modscan

We configure the RUT240 router

Connect the Modbus gateway to RUT240 on Ethernet

Below is the configuration in the RUT240

Browser tabs: Demo Test, New Tab, Teltonika Networks - RUT240, modbus gateway, WhatsApp

Address bar: 192.168.1.1/#/services/modbus/modbus-master

Page Header: TELTONIKA | Networks

Page Top Right: MODE ADVANCED, USER ADMIN, FW VERSION RUT2_R_00.07.02.7, LOGOUT

Left Sidebar: STATUS, NETWORK, SERVICES, SYSTEM

SERVICES

- CLOUD SOLUTIONS
- VPN
- MOBILE UTILITIES
- AUTO REBOOT
- MODBUS**
- MODBUS TCP MASTER
- INPUT/OUTPUT
- EVENTS REPORTING
- NTP
- PACKAGE MANAGER

MODBUS TCP SLAVE DEVICES

NAME	ID	IP ADDRESS	PERIOD	TIMEOUT	
Temp	6	192.168.1.254	10	5	<input checked="" type="checkbox"/> off on ✎ ✕

ADD SAVE & APPLY

Taskbar: 10:32 10-12-2022

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SLAVE DEVICE CONFIGURATION

Enabled ☒ off on

Name

Slave ID

IP address

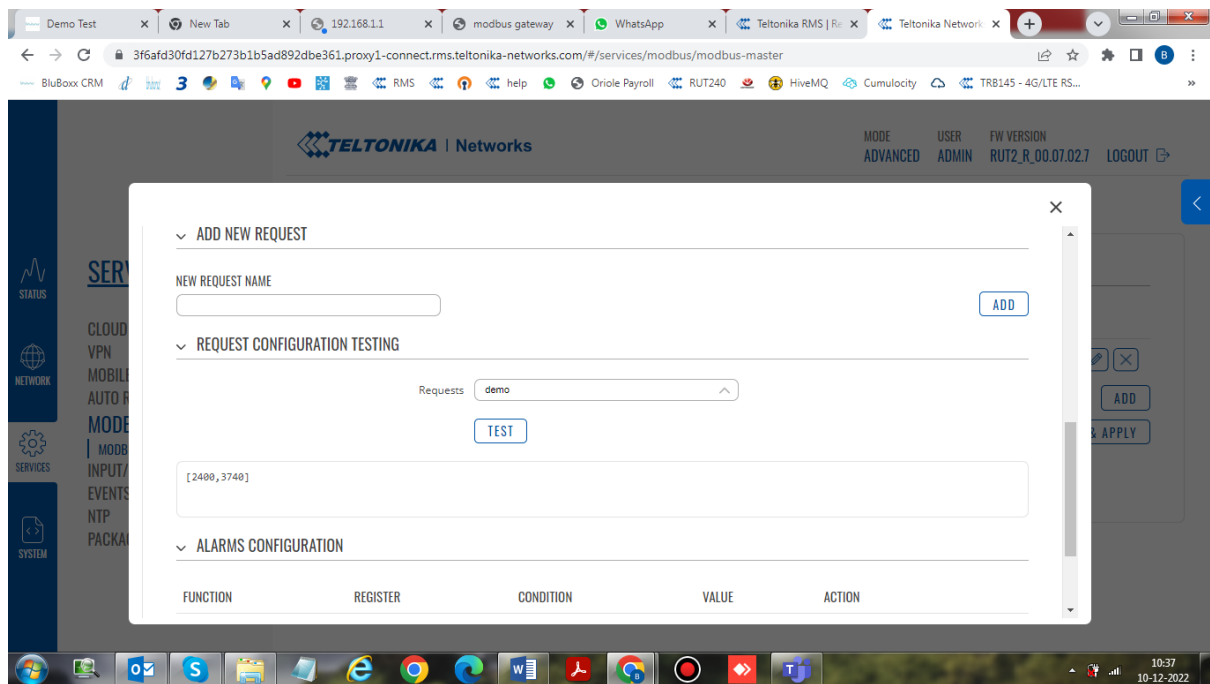
Port

Period

Timeout

REQUESTS CONFIGURATION

Taskbar: 10:32 10-12-2022



After we getting values in the RUT240 we able configure for SMS alert