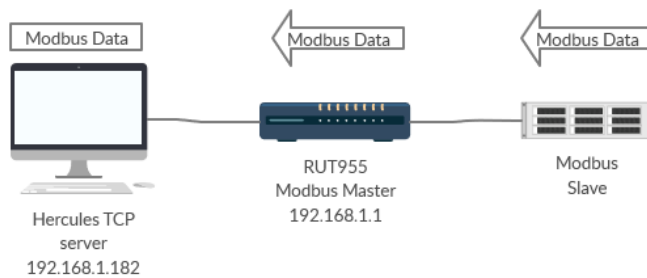


Modbus Data to Server



The Modbus **Data to Server** function provides you with the possibility to set up senders that transfer data collected from Modbus slaves to remote servers.

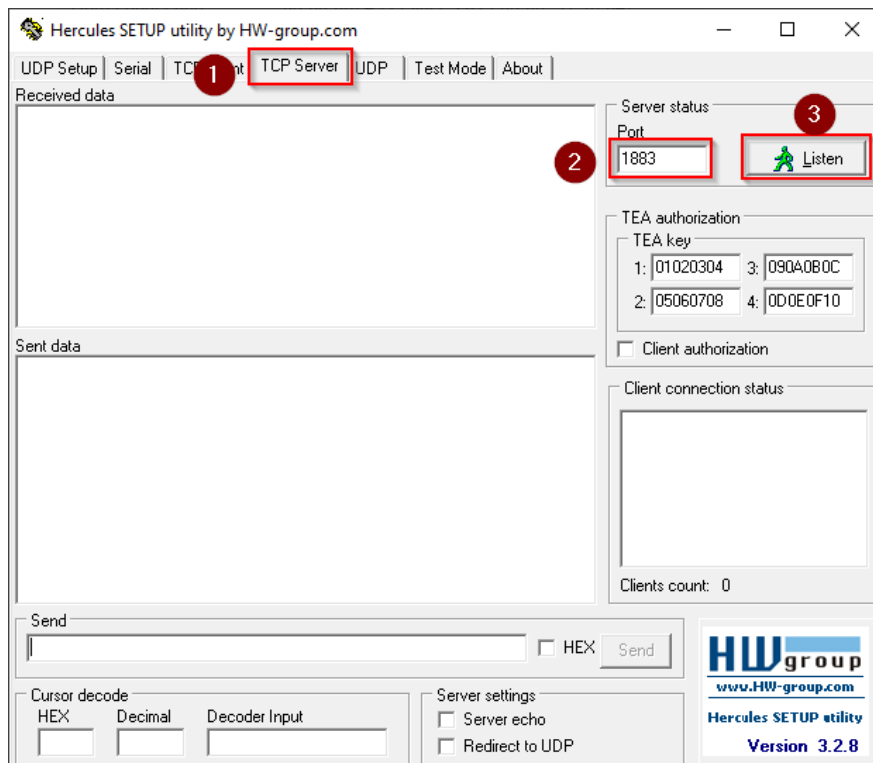
Router RUT955 will be used throughout this guide.

Prerequisites:

- Hercules - <https://www.hw-group.com/software/hercules-setup-utility>
- Modbus TCP Master or Modbus Serial Master on RUT device must be configured

Configuring PC

1. Select **TCP Server** tab
2. Enter **port** (In this example default 1883 is used)
3. Click **Listen**



Now your computer is Listening for any TCP messages on port 1883

Configuring RUT955

Open router's WebUI and navigate to **Services > Modbus > Modbus Data to Server**

1. Select protocol (In this example HTTP(S) will be used)
2. Enter IP and port of PC with Hercules software
3. Enter a period in minutes of how often router should send data to server
4. Click ADD

Protocol 1	URL 2	Period 3	4
HTTP(S) ▼	192.168.1.182:1883	1	Add

You will be redirected to **Advanced sender settings**

1. Enter **Name** (Can be anything you want)
2. Click **Save**

Enabled ☒

Name 1

Protocol HTTP(S) ▼

JSON format

```
{ "ID": "%i",  
  "TS": "%t", "ST": "%s", "VR":  
  ":%a" }
```

Modbus slave ID - %i
Modbus slave IP - %p
Date (Linux timestamp) - %t
Date (Day/Month/Year Hour:Minute:Second) - %d
Start register - %s
Register data - %a

Segment count 1 ▼

URL

Period

Data filtering All data ▼

Retry on fail ☐

Custom Header +

TLS type Certificate based ▼

CA File Browse... No file selected.

Client certificate Browse... No file selected.

Private key Browse... No file selected.

2 Save

