MS_Modbus

The MS_Modbus gateway from Maestro Sensing enables to manage or collect data from Modbus equipments (slaves). On a single box, the Datalogger include a RTU Modbus and TCP Modbus interface. Wifi, Ethernet on board & GPRS via Dongle to commmunicate with the information system.

STRENGHTS

- Simple local or remote setup from a text file
- Very low consumption of data on mobile network
- Fully compatible with Modbus protocol
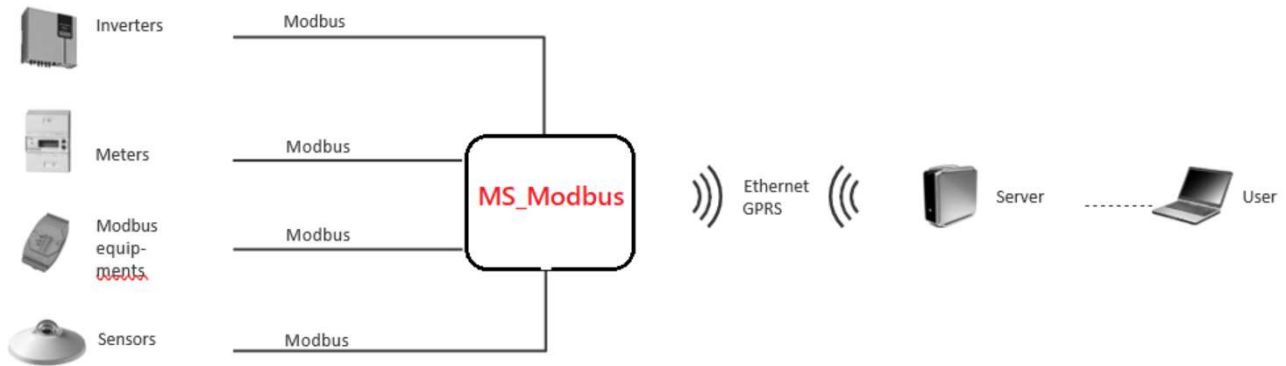- Dual connectivity Modbus RTU & ModbusTCP

APPLICATIONS

- Modbus slaves monitoring: input, output, electrical equipment,...
- Industrial data monitoring
- Solar Remote Monitoring
- Other IoT applications

BENEFITS

- Managing of all the variables (reading & writing) of a Modbus slave
- Remote actions and command of the Modbus slaves

ARCHITECTURE

Features

- Automatic data recording with regular interval.
- RS 485 output for communication with multiple devices.
- Support Modbus RTU & TCP/IP protocol.
- Configurable serial settings and baud rate.
- Supports up to 32 RTU's
- Logging interval is configurable

SPECIFICATIONS

TECHNICAL

- Modbus RTU (RS485) interface
- Modbus TCP (Ethernet) interface
- IP network interfaces: Ethernet: 10/100Mbits/s – GSM/GPRS/WIFI

GENERAL

- Power supply: [+5V]
- T° : operating: -5°C/+60°C - Storage : -20°C/+85°C
- Dimension: 51x56x37mm
- Power consumption: 2W maximum

REFERENCES

PRODUCTS

- MS0101-PS5 :MS_Modbus

ACCESSORIES

- PS5: 5V power suplpy
- GSD4G: GSM Dongle for GPRS connectivity
- LTD4G: Dongle for JIO (LTE connectivity)