

AWSS T100

The AWSS T100 Telemetry unit is designed for Remote Monitoring and controlling the switchgears like Breakers, Disconnectors, Transformers, Energy meters and WMS in Wind and Solar Power Plants. It supports Modbus and has provision for Hardwired signals coming from the Switchgear, Inverters and Meters. It is compliant with IEC-60870-104 standard which is used for SLDC /JLDC connectivity.



Key Features

- Modbus RTU / Modbus TCP / Hardwired Signals to IEC-60870-104 Protocol Conversion.
- Automatic Startup, Initialization and Operation after Power Restoration.
- Transparent Tunneling for Remote Management of the End device.
- I/O operation counter storage for Asset Maintenance and Management.

Specifications

- 20DI, 6DO, 4AI
- LED indications for digital inputs and outputs
- Time synchronization using NTP/IEC60870
- Operating Temperature -10 to 70°C
- TANGEDCO/TANTRANSCO approved
- Rittal Enclosure



Mission

Collect the required data from the field either through Hardwire or Modbus (RTU / TCP) protocol and Transmit it to the SLDC /JLDC where the data turns out to be critical.

Field Devices

All the Devices that can Communicate through the Industrial Standard Protocol (Modbus) through Ethernet or Serial cable can Integrated to the AWSS T100. Other Signals like the Breaker/Isolator Status or Room Temperature can also be hardwired in the Hardware Interface which is available.

Panel

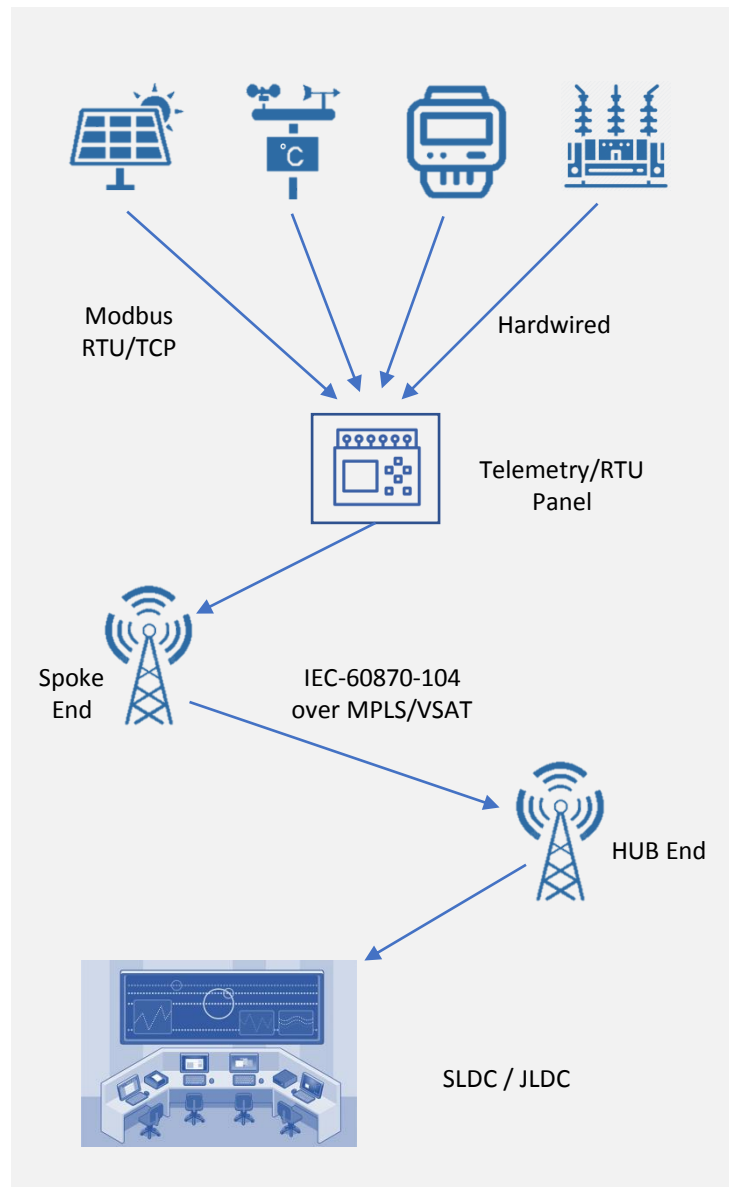
The AWSS T100 comes with a compact wall mounted panel optimized to suit for all locations and environments. This High-Quality Panel is Durable and can withstand High Temperatures. Services like Installation, testing and commissioning is also provided on Request.

RTU

The RTU-Remote Terminal Unit used inside the Panel is a High-Performance versatile device which communicates to the field devices. It is designed to run in rugged environments where data security is the Priority. It can also act as a Gateway between SCADA and SLDC/JLDC.

MPLS / VSAT

The AWSS T100 is compatible with the IEC-60870-104 connectivity with JLDC/SLDC or Control Center, over MPLS or VSAT with Zero interruptions. This can transmit data Irrespective of the MPLS / VSAT Vendor. MPLS/ VSAT Vendor can also be arranged on Request.



AWSS Renewable Energy Pvt Ltd

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