

RTU FEATURES

- ✓ Near real time Device to Server communication
- ✓ Capability to communicate up to 9 dispensers simultaneously.
- ✓ Front panel Alphanumerical LCD display and mode configuration.
- ✓ Error Detection and reporting.
- ✓ Inbuilt EEPROM, 72000 cycle data storage.
- ✓ Communication protocol –
 - RS232
 - RS485
- ✓ Transceiver data to Server using 4G/3G/2G compatible module.
- ✓ Variable Supply Voltage Range 7-40v.
- ✓ Battery supported
- ✓ Multiple standalone channels for RS485.
- ✓ 20 analog input / Digital IO.
- ✓ Server Publish, request and Rate change feature.
- ✓ Dual sim Support for GSM

USP

- Industrial Application for data Gathering Monitoring and control
- Cloud Gateway
- Machine-to-Machine communication
- Compact size
- Reliable and
- Efficient



HIGH SPEED DATA



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TABULAR REPRESENTATION



OPERATIONAL EFFICIENCY

TECHNICAL FEATURES

- ✓ Core– ARM® Cortex® - M4F core
- ✓ Frequency - running up to 72 MHz
- ✓ I/O Ports / Analog Inputs
- ✓ TTL Configurable I/O Ports.
- ✓ Memory 8 MB
- ✓ LEDs Network, TX, Rx
- ✓ GSM Antenna Connector.
- ✓ Dimensions (mm x mm x mm)
- ✓ Weight
- ✓ Accessories 50dB Whip Antenna with 3 Meter Cable
- ✓ 2 Core Power Cable Dedicated Communication controllers
- ✓ Dedicated controller Server
- ✓ Fast Action and Response
- ✓ ON post Configuration –
- ✓ LTE Cat 4 Module
- ✓ Bandwidth 1.4/3/5/10/15/20MHz
- ✓ Data LTE
 - LTE FDD :Max 150Mbps (DL) Max 50Mbps (UL)
 - LTE TDD :Max 130Mbps (DL) Max 35Mbps (UL)
- ✓ Antenna Supports Rx-diversity
- ✓ -Fixed adjustable logging and sending time
- ✓ Enclosure: Aluminum Extrusion/bending
- ✓ Mounting: Wall Mounting

System core

COMMUNICATION

Interface	RS485/RS232, Ethernet
Protocol	MODBUS – RTU
Available Ports	9 x RS485 Serial Communication 1 x Ethernet 2 x RS232
Baud rate	9600, 19200, 38400, 57600, 115200

Status Indication

LEDs	Power, Run, GPRS, MODBUS TX, MODBUS RX
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Environmental

Operating Temperature	0 to 55 °C
Ambient temp	~ 0 to 65 °C
Storage Temperature	-10 to 70 °C
Humidity	35 to 95% RH non-condensing

Isolation

Supply to RS485	1000VAC RMS
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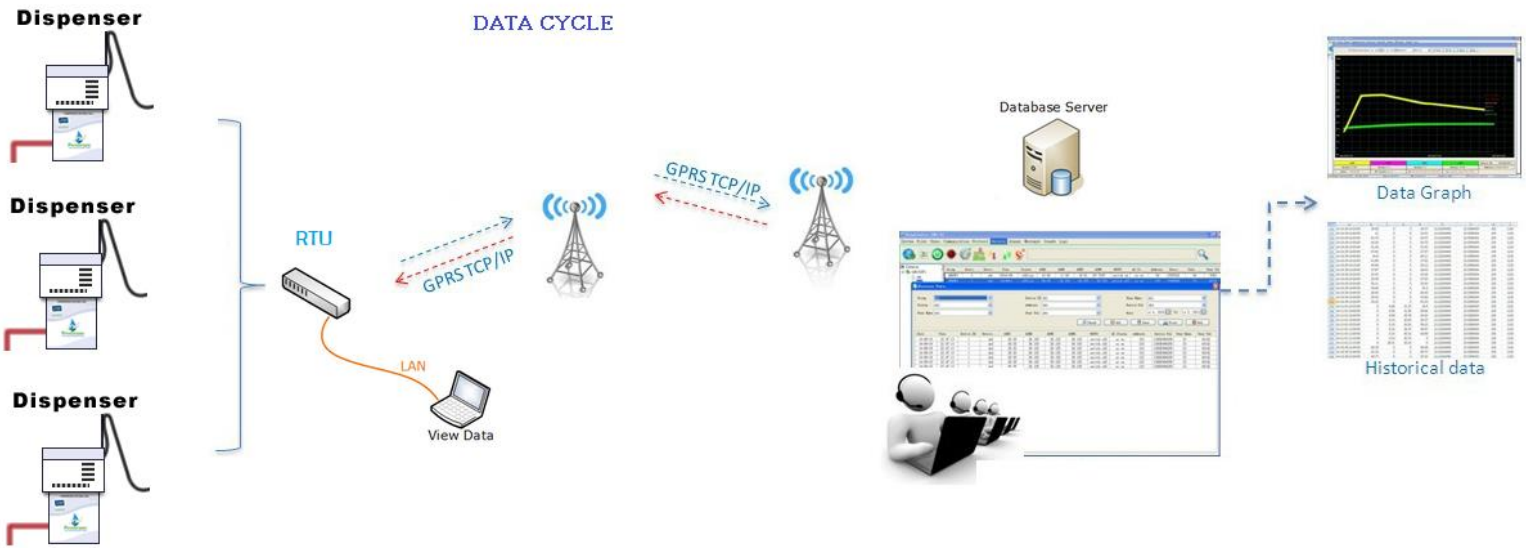
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OPERATIONAL EFFICIENCY

SCADA

RTU can connect to any SCADA system over Radio channel via data packets. SCADA has a build-in web capabilities so all the graphical views can be seen through the Internet. -RTUs has a GSM-4G system that can be connected to monitoring software to list record and report.



Advantages

Market volume of automation (including control systems) ranks high globally. However, the big players in this market are still overseas automation companies. RTU provides you to grow rapidly in markets as costs decrease and capabilities increase.

Key concepts

- Flexible and Scalable hardware concept.
- Flexible communications to CNG dispensers.
- Diagnostic and Maintenance functionality.
- Highest reliability.



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OPERATIONAL EFFICIENCY