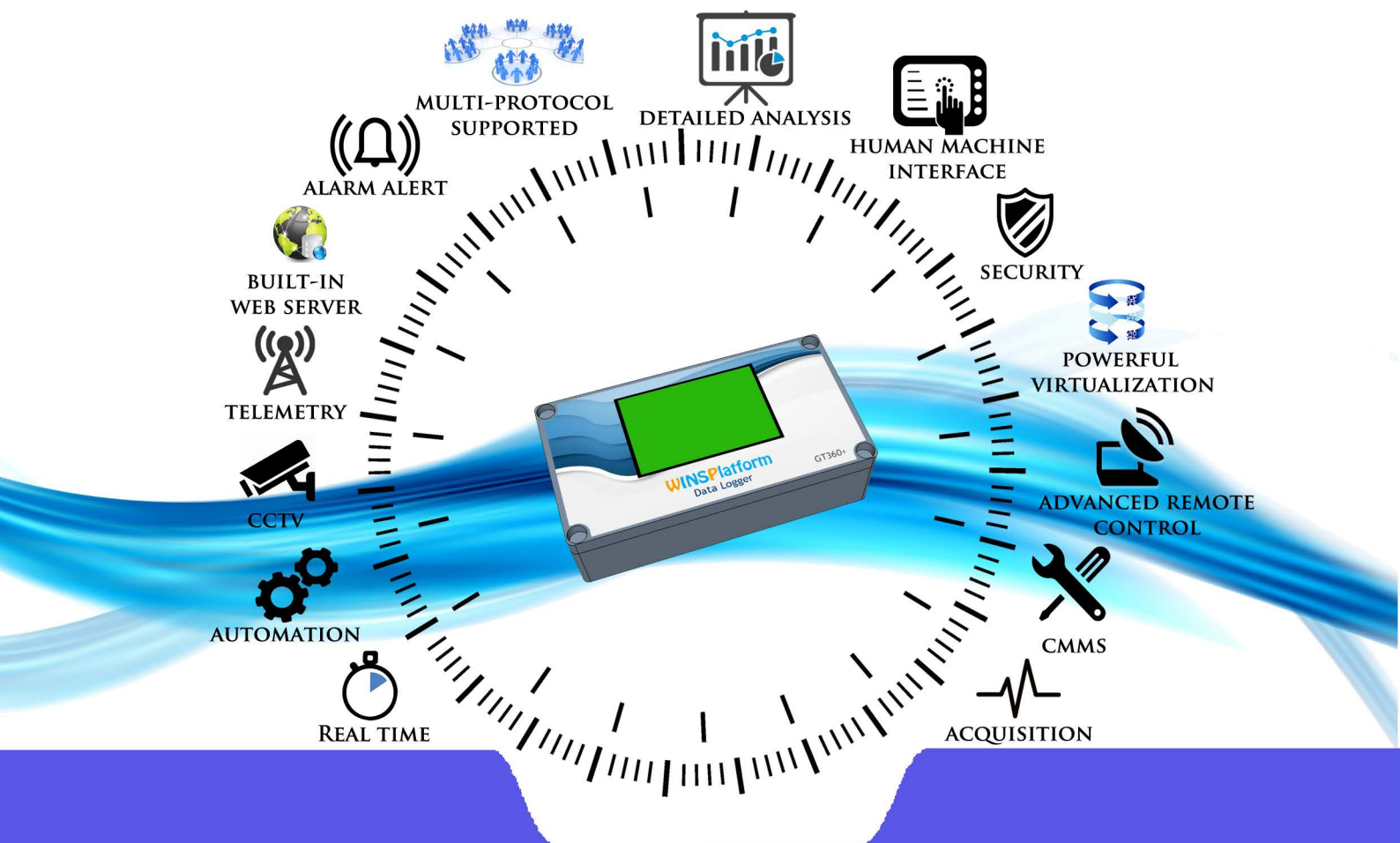




# The WINSPlatform Solution

**Water Integrated Network Solution Platform** is the first Malaysian controller that includes Web Server, PLC, RTU, SCADA and Mobile Accessibility functions in one single unit.



**GT360+ SERIES REMOTE TERMINAL UNIT**

**WATER INTEGRATED NETWORK SOLUTION PLATFORM**

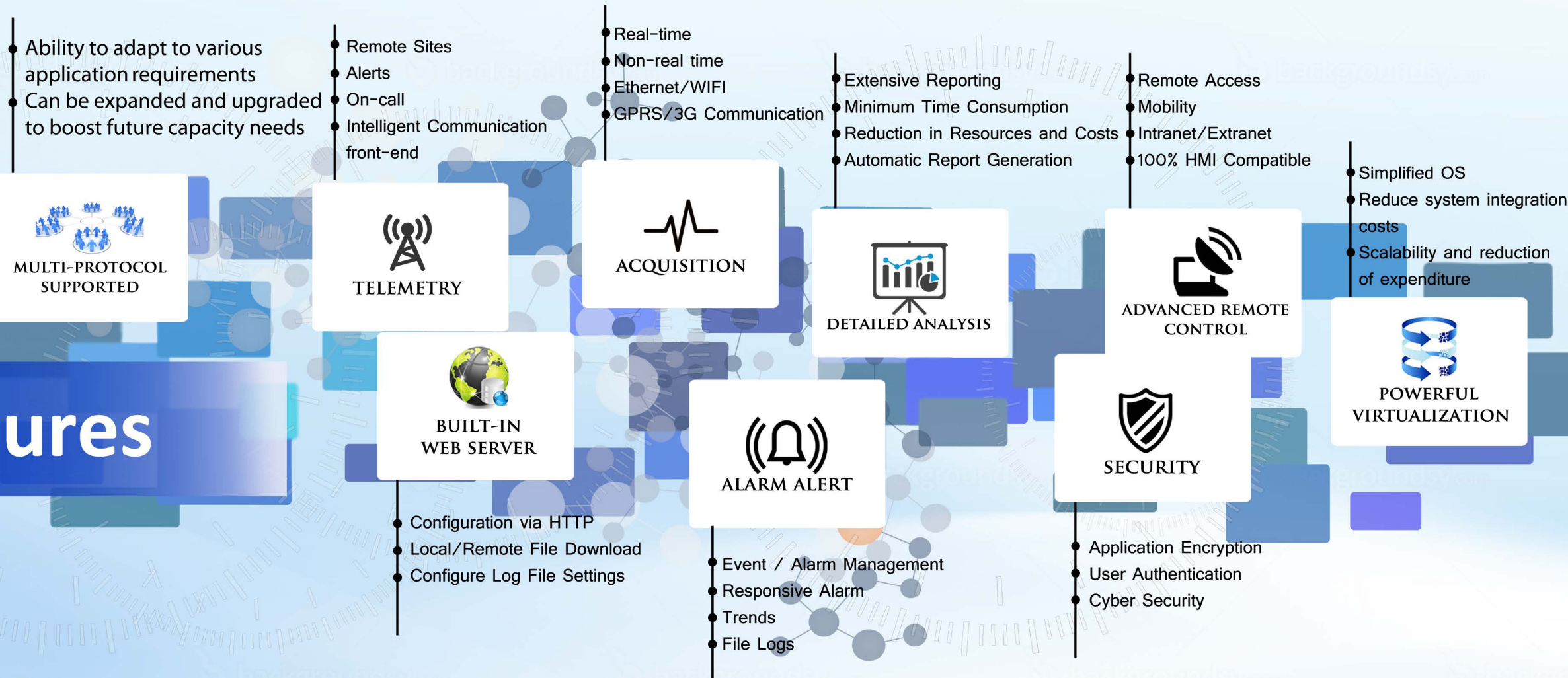


**WINSPlatform GT360+ Series RTU is the ideal multi-purpose platform for building powerful, modern applications. It targets all fields of activity requiring supervision and low power consumption for weather analysis or instrument status such as rainfall, water level & flow and even equipment status. Based entirely on object-oriented principles, WINSPlatform GT360+ Series RTU includes numerous built-in features, and user can further adapt it by using the web-server interface.**

### Key Features :

- Data acquisition
- Event processing
- Alarms
- Data calculations
- Message transmission ( SMS, Internet, etc.)
- Data archiving
- Source timestamping
- User profile management
- Virtualization
- Data diagnostics assistance
- Remote Control
- Built-in Web Server for configuration via WiFi
- Reliable security
- Works with unlimited workstation applications

## GT360+ Features



**Its IT Standards and Open Structure Support makes GT360+ a must-have tool for every application.**

With GT360+, it is easy to integrate with off-the-shelf features or those developed with specific application requirements, while you automatically benefit from the services provided by the infrastructure such as configuration, dynamic persistence and redundancy. The standardization and open design offer endless capability and extension possibilities with GT360+.

- > Field-tested quality and proven with more than 1000 sites as references
- > Compatible with all fields of activity
- > Open Architecture Based - Open to all types of hardware, protocols, customized development and applications
- > Latest technology
- > Top quality and responsive support
- > Designed to work in most economic and power saving way



## Specifications

### General

Dimensions	200 (W) x 120 (H) x 120 (D) mm
Weight	Approx. 2kg
Enclosure material	IP-65 Aluminium Alloy Enclosure
Mounting System	Built-in with Closure
Operating Temperature	-30 to +85 degree Celsius
LCD Display	4" Touch Screen equipped with Magnetic Contact For Screen Wake-Up

### Power Supply

Operating Voltage	Nominal 12Vdc
Power Consumption	10mA in Standby Mode; 100mA during Data Transfer
Compatibility	Solar Power System and AC Power System

### Digital Inputs

Number of Inputs	4 bi-directional channel
Type	4 logic level
Address Assignment	User configurable

### Digital Output

Number of Output	3 with open drain FET; 1 with logic output
Additional Output	1 Relay (Free Contact) Output

### Analog Inputs

Number of Inputs	4 Input Channels
Calibration	2-points, full user control
Supported Type	1 isolated 3-wired / 4-wired input; 2 isolated 2-wired inputs; 3 common reference 2-wired inputs
Address Assignment	User configurable

### Analog Outputs

Number of Output	2 Analog output channels
Others	Voltage Output 0-10Vdc or Current Output 4-20mA

### Other Ports

RS232 Port	Built-in 1 x RS232 Serial Port Connector
RS485 Port	Built-in 1 x RS485 Serial Port Connector
USB	4 x USB type A & 1 x USB type C
Network Services	2 x RJ45 10/100 Ethernet Port
SDI-12	2 SDI-12 Channel with shared digital channel
Others	Baud rate : 300 to 115,200

### Storage

Internal Capacity	64GB with capability to store at least 3 years of data; for minimum 5 parameters
Compatibility	Compatible with SD card for storage expansion
Capacity	Approx 90,000 data points per megabyte

### Function

Data Collection Application	Rainfall, Water Level, River Flow, Evaporation, Siren, Air Quality, Water Quality, Soil Moisture
Communication Protocol	FTP, http, DNP3, MODBUS TCP, DB Sync
Data Format	TIDEDA, AQUARIUS, CSV, JSON, XML
Server	Able to Sync Data up to 8 Servers
SMS	SMS Data/Event/Alarm up to 10 Users
Communication Modem	Built-In 4G GSM Modem(optional); Compatible with NB-IOT Modem, via USB Port
Others	Supports data sending via Satellite communication

### System

Data Logging	Default 5 minutes time stamp
Data Retrieval	Via Internet Browser in Fixed IP or Wireless LAN
Display Functions	Channel data, alarms, system status
Firmware Upgrade via	Wireless LAN and USB
NTP Protocol	RTC auto sync with NTP
Others	Wireless Connection Built-in; Compatible with any type of smartphone; Local Data Download via WIFI in Internet Browser



## Certifications



IEC 61000-6-2  
IEC 61000-6-4



FEDERATION OF  
MALAYSIAN  
MANUFACTURERS



## Client List :-



## WINSPlatform References :-

JPS INFOMECH	: <a href="http://infomech.selfip.com">http://infomech.selfip.com</a>
JPS ROL	: <a href="http://rol-jps.selfip.com">http://rol-jps.selfip.com</a>
JPS RHN Telemetry	: <a href="http://rhn.selfip.com">http://rhn.selfip.com</a>
LAP	: <a href="http://lap.selfip.com">http://lap.selfip.com</a>
JPS WPKL Hydrology	: <a href="http://hydrologywp2.selfip.com">http://hydrologywp2.selfip.com</a>
JPS Perak SCADA	: <a href="http://bpmeperak.selfip.com">http://bpmeperak.selfip.com</a>
JPS Selangor SCADA	: <a href="http://bpmescada.selangor.gov.my">http://bpmescada.selangor.gov.my</a>
JPS Labuan SCADA	: <a href="http://jpslabuan.selfip.com">http://jpslabuan.selfip.com</a>
JPS Sarawak SCADA	: <a href="http://jpssarawak.selfip.com">http://jpssarawak.selfip.com</a>