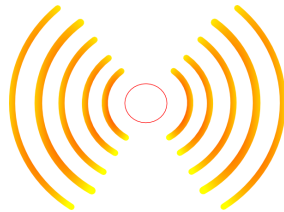# WiPOM

Wireless Point of Monitoring

WiPOM is a software application package that adds sophisticated data logging, remote terminal and PLC-like capabilities to CloudGate cellular gateways. WiPOM handles all aspects of Industrial IoT applications development, including I/O management, tags, alarms, events, SMS/email handling, MODBUS master and slave capability, modem detection and management, VPN security and Cloud portal support.

WiPOM runs under Linux operating system on Option CloudGate series gateways. Coupled with the WiPOM Client running on a Windows PC, programming the CloudGate gateways is reduced to a series of configuration selections to build a complete IoT system. WiPOM takes software out of the equation for faster time to market. Creating remote monitoring and control systems has not been easier.

Ethernet or Over the Air

WiPOM Software running on CloudGate

WiPOM Client running on Windows PC

More details and Technical Manual are available for download at http://www.bipom.com

BiPOM Electronics • Phone: 1-713-283-9970 • Fax: 1-281-416-2806 • E-mail: info@bipom.com • Web: www.bipom.com

WiPOM

Wireless Point of Monitoring

WiPOM Software Features:

- Connect to device over RS232, RS485, ethernet or USB
- Read device configuration, including tag configuration
- Configure device, date/time, calibration, RS485 port
- Check hardware status and health information
- Add/edit/delete tags
- Configure alarm conditions individually for each tag
- Configure SMS and email for each tag
- Manage contact list for SMS and email support
- Configure conversion parameters for tag value
- Engineering Unit support
- Alarm on limits, value changed, exact value
- Scaling and calculations
- Bit map and values map definitions
- Start / stop logger
- System Diagnostics
- Upgrade firmware
- Read collected data, events and alarms
- Export data, events and alarms in Excel format
- Analog and digital I/O support
- I2C and RS485 MODBUS peripheral support
- Secure cloud connectivity using HTTPS data push
- OpenVPN support
- Over the air or local connection for configuration

WiPOM on CloudGate

BiPOM Web Portal - WiPORTAL

For customers who do not have an extensive IT Department yet need real-time remote data reporting and critical "Alerts", BiPOM now offers WiPORTAL. It is a simplified, low-cost, cloud/server service that provides timely and critical information 24/7. This service has been in operation for over three years with many customers. It is effective, reliable, low-cost and yet provides easy, password protected access, real-time data and immediate alerts with customer selected thresholds. Custom formats and alerts are provided to fit individual customer needs. If you use WiPOM, this is immediately available. Please contact sales@bipom.com for signing up.

Applications

- Oil & Gas
- Irrigation
- Metering
- Energy
- Machine Protection
- Factory Automation

Overview   Subaccounts   Users   Devices   Tools ▾

Prev. Sensor **Sensor Data for sensor Compressor with serial #1234** Next Sensor

Start Date: 12/12/2016 03:24:59   **End Date:** 12/19/2016 03:24:59   Show   Unzoom

Data   Chart

Acceleration   Velocity   Temperature   All

Acceleration
— Axis1 — Axis2 — Axis3

Velocity
— Axis1 — Axis2 — Axis3

Temperature
— Temperature