

## WATCHDOG**RBX**

Web-based Remote Monitor  
Pressure & Flow, Reporting & Alarming

### APPLICATIONS

- Chart Recorder Replacement
- Regulator Station Pressure & Flow Monitoring
- City Gates Pressure & Flow Monitoring
- Low-cost Web-Based Data Acquisition
- Well Site Tank Level and Flow Monitoring

### FEATURES

- Highly secure web access to real-time system-wide data and alarming
- Data is presented in easy to interpret gauges, graphical system maps, and plotted over selectable date ranges
- Real time alarms are sent to cell phone or emails.
- Web-based system eliminates expensive software, infrastructure, and systems integration costs
- Critical data is delivered to your desktop or laptop when you need it via a low-cost monthly data subscription plan.



- **Know the real-time operational status of your distribution system**
- **See regulator, compressor, and pump anomalies that wouldn't ordinarily be seen**
- **Real-time alarms sent via text or e-mail**
- **Eliminate paper chart replacement**
- **Save on cellular data communications costs**
- **Significant reduction in communication timeouts associated with gathering field data**

The WatchdogRBX is a web-based, turn-key field solution for remote monitoring of pressure, flow, temperature, tank level, and other parameters critical to the operation of gas distribution systems and oil & gas well sites.

The WatchdogRBX is unique among web-based remote monitoring systems in that it delivers “**True Report by Exception**” data. Most operating parameters (e.g. pressure, temperature, etc.) change slowly over time, so the round-robin polling done by typical legacy systems is highly inefficient. The WatchdogRBX scans each sensor every 120 msec and only transmits data that has changed by a user-programmable increment. Thus, it captures transient conditions that may be missed between polls on other systems. Fielded WatchdogRBX systems have shown a 90%+ reduction in data transmission over comparable data acquisition systems, resulting in more efficient modem usage and lower cellular data transmission costs.

