



BayWatch®

Hosted Monitoring, Analysis and Alerting

FEATURES

- Secure Logon
- Unlimited User Accounts
- Web Browser Interface
- Detailed System Monitoring
- Energy Management Report
- Operation Report
- Energy Savings Tracker
- System Logs
- Ad-hoc Report Writer
- Graphical Trending
- Email Report Distribution
- Alert Notification
- Troubleshooting Tools
- Data Export
- C-Link Networking
- MODBUS RTU Networking
- Multiple Data Uplink Options
- 24/7 Access
- 5 Years Data Storage
- Monitor 2 Networks/BVG
- Rugged Design
- LED Status Indicator Lights
- Rack Mount or Wall Mount

BENEFITS

Flexible deployment options to meet your varying access and monitoring requirements.

Intuitive interface means that you will be up and running in no time.

Use BayWatch to aggregate compressor data into enterprise energy management systems.

The alert system will help you keep tabs on your compressor system no matter where you are.

Reliable, Fast, Convenient

Boost the efficiency, reliability and performance of your plant's compressed air system with BayWatch Internet-based monitoring service. Essential, operational data - to maintain, troubleshoot, and optimize your system - is accessible remotely 24/7 in your office, at home, or on the road - anywhere in the world. This ability to view real-time system information means activities or incidents can now be managed immediately. The BayWatch strategy of control, monitoring, analysis, integration and automation is one of total system management.

Knowledge is Power

With the expanded reporting capabilities of today's BayWatch, you have the ability to quickly transform operational data into useful information for evaluation of compressor performance, increased efficiency, and enhanced energy savings. Predict conditions, implement strategies, review operating results and adjust to current conditions all through the BayWatch reporting and monitoring tools.

Report Modules Include:

Compressed Air Production – Includes plant usage and any losses (centrifugal compressor blow-off) expressed in thousands of cubic feet.

Compressor and Plant Efficiency – Captured in CFM/kW and kWh/kCF. Compressed Air System Operating Environment - Incorporates average, minimum, maximum and stability (RMS error) of system pressure.

Compressor Run Time Summary – Including characterization of operating modes.

Energy Reporting – BayWatch Energy Reports are vital for capturing, measuring and tracking individual compressor energy cost, and compressor energy usage, including average and peak consumption expressed in kilowatt-hours.



Security - Data Integrity

The BayWatch system uses a robust dynamic private key encryption system in the datalink. In addition, the BayWatch team performs audited security tests to determine who has access to your data. Only authorized users will have access to your data.

BayWatch can act as a centralized repository for field engineering reports, drawings, manuals, software, updated Bay Compressor Controller configurations and commissioning data for each specific compressor on their site.

Monitoring Beyond Compressors*

BayWatch can act as a very robust monitoring and alerting system for any plant instrumentation or process equipment. Many customers use BayWatch to monitor stand alone instruments in various parts of their plants. Ask your Bay sales rep to discuss the extended monitoring capabilities that BayWatch can provide.

* See specifications and requirements for compatibility.





Installation Options

WHO WE ARE...

Bay is an energy solutions company that provides products and services to a broad range of industrial, commercial, and government customers. We provide cost savings for our clients through increased energy efficiency, improved system management, better reliability, and reduced downtime. Founded in 1983, Bay provides over 1.8 terawatt-hours (1,800 million kilowatt-hours) of annual energy savings for our customers in 70 countries. Our headquarters and network operations center is located in Maumee, Ohio.

OTHER PRODUCTS

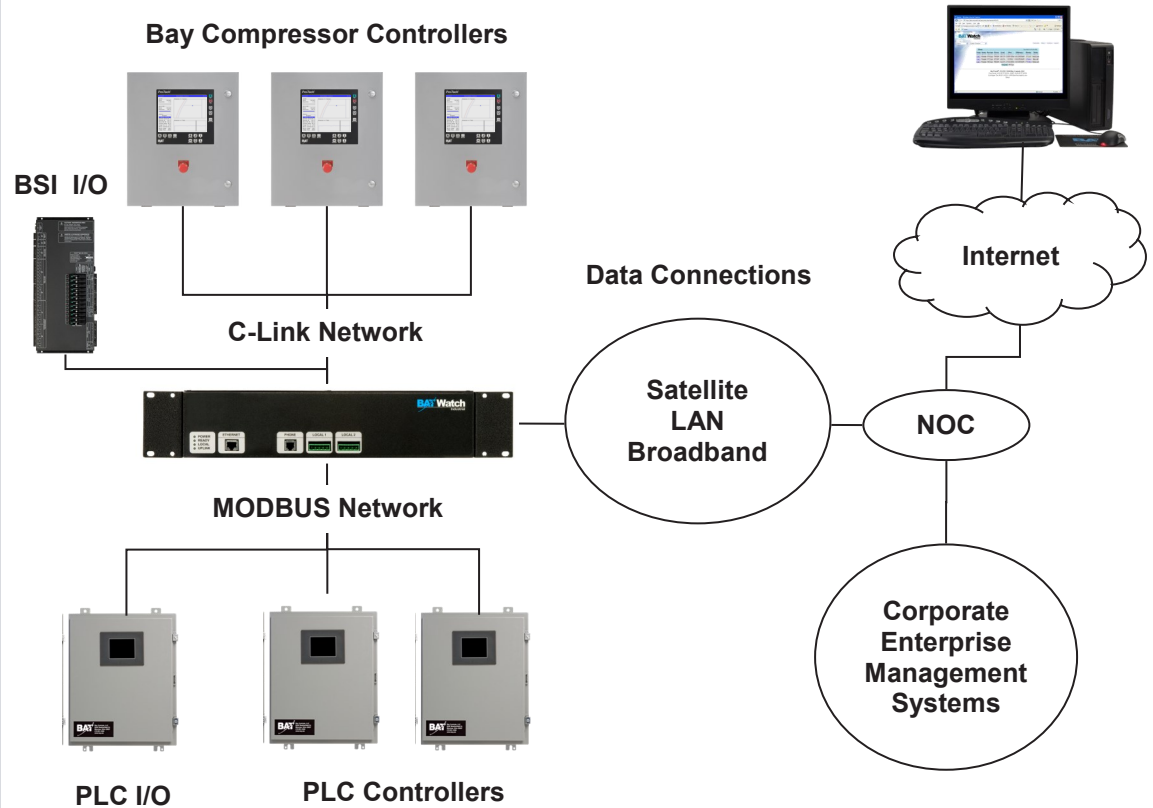
Bay Compressor Controller
Industry leading controls for all rotary screw, reciprocating, and centrifugal compressors.

BayView® Server
Full featured, HMI/SCADA system for air compressors controlled by the Bay Compressor Controller.

BayView® Scheduler
Advanced scheduling system, automating compressor schedules and operating conditions.

BayView® 20/20
Customizable HMI/SCADA system for integrating varying plant systems.

Custom Controls
Advanced customized systems for cooling towers, dryers, and other industrial applications.



Specifications & Requirements

Enclosure	NEMA 12 rack mount 2U or wall mount with included adapters
Dimensions H x W x D (in.)	15 x 15 x 3.4
Dimensions H x W x D (cm.)	38.1 x 38.1 x 8.6
Weight (lbs./kg.):	8 / 3.6
Users:	Unlimited secure logon
System Status	(4) LED Indicator Lights
Power Requirements:	100 - 240 VAC, 50/60 Hz
Controller Software Version	5.01.001 or higher
Physical Connection:	C-Link or MODBUS RTU
Specifications and requirements subject to change without notice.	



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