

# BayView® Server

## INTEGRATE COMPRESSORS - DON'T BREAK THE BANK

### Features

- Customizable Dashboard
- System Monitoring
- System Logs
- Graphical Trending
- Report Writer
- Email Report Distribution
- Alert Notification
- Event Database Search
- Troubleshooting Tools
- Remote Control
- System Administration
- User Administration
- Network Administration
- Controller Configuration
- Web Browser Interface
- Data Export
- Stand Alone or LAN Access

### Benefits

Flexible deployment options to meet your varying access requirements.

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

Make informed business decisions about compressor performance, operating conditions, maintenance, and troubleshooting.

Use the alert system and report distribution tools to stay up to date with your compressor system's status.

Manage your compressed air system's operation without leaving your office.

Make the most of your investment in compressor controls with BayView® Server. Designed for all air compressors equipped with the Bay Compressor Controller, Maestro Legend™, Vantage and ProTech V control systems\*, BayView Server incorporates the dynamic requirements of today's compressed air systems with an easy to use and feature rich HMI/SCADA system.

### Affordable

For a fraction of the cost of a traditional HMI/SCADA system, BayView Server will help you meet your air compressor management goals. From day one, your BayView Server investment goes to work for you. Take air compressor performance data and transform it into business intelligence with the reporting tools to make the best energy cost savings decisions.

### Comprehensive

BayView Server's full featured monitoring, reporting, trending, remote control, and alerting modules will take your compressed air system beyond the traditional HMI/SCADA package. BayView Server, combined with the Bay Compressor Controller, ProTech V, Maestro Legend, and Vantage control systems, will give you the most advanced and robust end-to-end compressor management system—providing you with the ability to maximize your costs savings opportunities while meeting all performance requirements.

### Easy to Use

The BayView Server can be installed as a stand alone system or as a network device into your existing LAN. The intuitive web based user interface will have you up and running in no time. The graphical trending and data table views of all the relevant compressor performance data will chart your course to increased energy efficiency and operational savings. With the user level security features, you can easily protect your information and control functions.



### Functional Highlights

**Dashboard:** The dashboard module is a straight-forward system overview. Key performance data is displayed in an easy to use table and a user defined trending graph will give you the ability to display your most important information.

**System Monitoring:** The monitoring tools allow you to drill down into the details of your compressor's performance (monitoring points, registers, events and controller configurations). Use the system monitoring tools to troubleshoot compressor problems.

**Alert Notification:** Stay in the loop with the alert notification system. Receive SMS messages on your cell phone when your compressed air system experiences an alarm, trip, fault, start, or stop.

**Remote Control:** Use the BayView Server as a control room enhancement. With the remote control module, you can start and stop compressors, change operating modes, modify pressure set points, and adjust network priorities.

**Energy Management Report:** Included with BayView Server is the comprehensive energy management report. Use this report as your guide and report card for measuring your air compressor operating strategy.

\* See specifications and requirements for compatibility.



## Who We Are...

Bay is an energy solutions company that provides products and services to a broad range of industrial, commercial, government, and now, home customers. We provide cost savings for our clients through increased energy efficiency, improved system management, better reliability, and reduced downtime. Bay was founded in 1983. As of December 1, 2008, our solutions - with over 5,000 installed units worldwide - are providing 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 air compressors.

**BayWatch®**  
Web based hosted monitoring and alerting system for single and multi-plant applications.

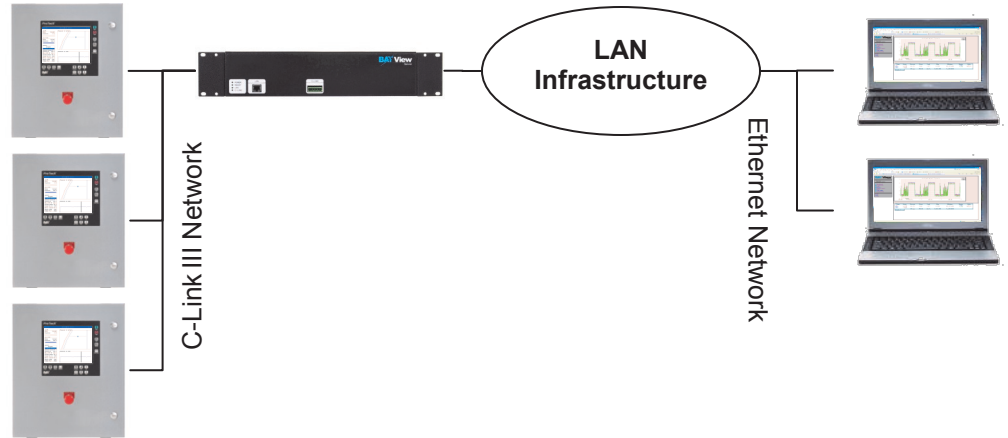
**BayNet®**  
Advanced scheduling system, automating compressor schedules and operating conditions.

**BayView® 2020**  
Customizable HMI/SCADA system for integrating varying plant systems.

**WaveSync™**  
Innovative ride through control system for rotary screw and centrifugal compressors.

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

# Typical Installation



**BayView Server networks your Bay Compressor Controller, ProTech V , Maestro Legend, and Vantage compressor controls for centralized compressor management.**

## Specifications & Requirements

Enclosure	NEMA 12 rack mount 2U or wall mount with included adapters
Dimensions LxWxH (in.)	15 x 15 x 3.4
Dimensions LxWxH (cm.)	38.1 X 38.1 X 8.6
Weight (lbs./kg.)	8 / 3.6
Data Storage	60 months
Users	Unlimited user accounts and concurrent logged on users
Ethernet LAN Connection	(1) RJ45 10/100
C-Link III Connection	(1) 5 Terminal Phoenix Connector
System Status	(4) LED Indicator Lights
Power Requirements	100—240 VAC, 50/60 Hz
Automated Report Distribution	Integration with corporate LAN and email server
Alert System	Integration with corporate LAN and email server (SMS)
Controller Software Version	5.01.001 or higher
Physical C-Link III Connection	Daisy chain—Belden 3106A or equivalent

Specifications and requirements subject to change without notice.



Maestro Legend is a trademark of Cameron Compression.



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