BAYweb Cloud-EMS™

The BAYweb Energy Management System (Cloud-EMS) employs an innovative solution to the challenge of implementing centralized monitoring, control, and management of the energy usage of one to thousands of separate commercial buildings, located over a large geographic region.

Centralized Monitoring and Control

Remotely monitor and control your heating and cooling system anytime, anywhere through your PC, smart phone or tablet device. Once installed you rarely need to think again about resetting or programming your thermostat.
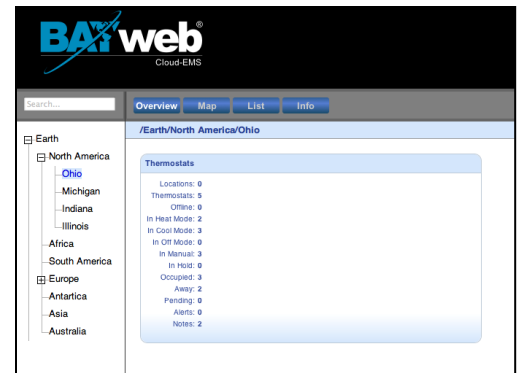
While saving money and energy is great, the significant advantage is what little effort is required to achieve these savings every year.

Integration of the simple BAYweb thermostat, with the power and performance of the Cloud-EMS, results in a web based, state of the art, scalable, economical, energy management system. Typically the system will pay for itself in less than a year.
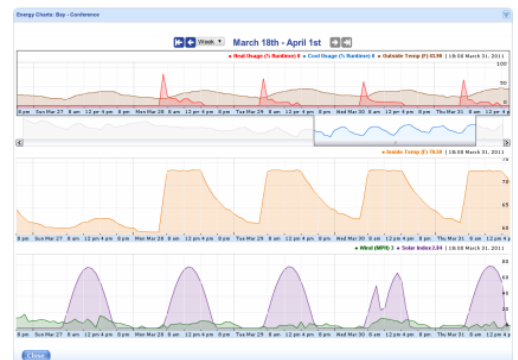
Web-Based

The web-based interface provides anytime, anywhere, access to the system for an unlimited number of users, utilizing standard web browsers, mobile phones and tablets.

Automated reporting provides actionable information to selected groups of users to pro-actively manage the company's HVAC assets. The web interface utilizes AJAX (Asynchronous JavaScript and XML) technology to provide content that updates in real time.

Feature Highlights

- Centralized monitoring, control, settings, and alerting. Simple management of thousands of HVAC units.
- Improved behavior. Set point and hold duration limiting, hold and keypad lockout, and open door or window shutdown restricts inefficient behavior. Override tracking and reporting to quickly identify unique needs of different buildings or regions.
- Occupancy sensing and adaptive scheduling. Automatically set back areas that are not routinely occupied.
- HVAC performance monitoring and alerting. Pro-actively resolve equipment problems, and avoid emergency service.
- eReports automatically deliver actionable information via email.
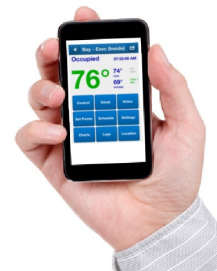
Smart Phone Support
Designed for most major phones like the Apple iPhone or Androids providing access to your thermostat from just about anywhere.

About Bay
Bay is an energy solutions company that provides products and services to a broad range of industrial, government, commercial, and residential customers. We provide cost savings for our customers through increased efficiency, improved system management, better reliability, and reduced downtime. Bay was founded in 1983, and as of January 2012, our solutions are providing over 1.8 terawatt-hours of annual energy savings for our customers in 70 countries.

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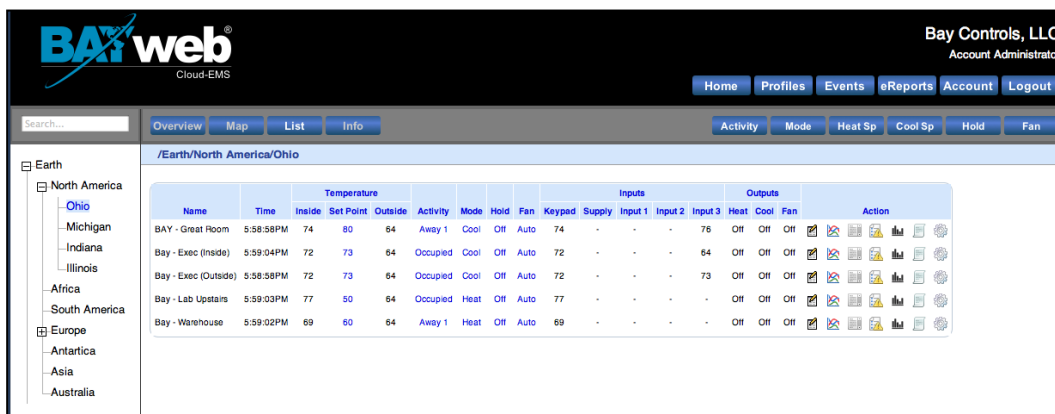www.bayweb.com

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Remote Control & Reporting
Clean, simple controls make changing your settings quick and easy. Seamless integration with your local keypad and smart phone. Changes made on any interface will be seen and typically take affect within 10 seconds.

Make a change on one unit or 1,000 units with very little effort. Using the BAYweb Cloud-EMS system you can easily monitor, control, or report on one or all of your units.

eReports automatically deliver actionable information via email. Reports give you quick access to energy usage, equipment health, and user access and much more. Content-directed automated alerts and reports can be delivered to unlimited groups of people and service providers via email and text message.

User Access
The system administrator can allow additional users access to the BAYweb system. When creating a user, the administrator chooses the group and features the user can have access to.

Equipment Profiles
Allows you to create and save programming settings and apply them to each device. You can then change the profile at any time and the new settings are automatically sent to any assigned device.

Cloud-EMS Advantages
- Features and benefits of an energy management system for about the cost of a premium programmable thermostat.
- Ideal for one to thousands of buildings of less than 20,000 square feet.
- Rapid ROI. Cloud-EMS provides a rapid return on investment by reducing HVAC energy and maintenance costs.
- Web-based operation of the system anytime, anywhere, for an unlimited number of users.
- Operate the system via Apps for iOS and Android phones and tablets.
- Cloud-EMS service included with the hardware. **No initial or ongoing fees.**
- Simple installation and operation.