

Controls and Monitors

The **eController** has proved to be the most revolutionary product the Water Treatment market has ever seen. **eServiceReport** connection provides instant real-time access to the Internet. It offers the ability to control and monitor cooling towers, boilers, and process water systems using a standard web browser from any computer anywhere in the world. Unlike traditional modem-to-modem communications, **eServiceReport** connection eliminates long distance phone calls and proprietary software and allows simultaneous multi-user access. In addition, the **eController** delivers a range of new technology capabilities including user-friendly programming, multi-user access and email notifications for datalogs, alarms and system summaries.

eController Features

- 8 110 volt NO/NC relays
- 8 4-20 mA inputs
- 6 digital inputs
- Assign any input to any output
- Output up to four 4-20 mA signals
- Ratio metric feed capabilities
- Accessibility by modem or Ethernet
- Industrial grade pH, ORP and conductivity sensors and housings
- **eAlert** unit available to monitor inputs without controlling relays
- Access to controller from anywhere via the Internet
- Daily, weekly, or monthly data logs emailed to your computer
- Multiple security levels for various users
- Controller data trend charts
- Real-time availability of controller data
- Execution of controller changes via the Internet
- Detailed email alarm notifications
- USB direct connect access



Process Control, Data Logging and Communication Tools Designed For Management, Plant Operators and Service Representatives

Easy to Access:

- No additional software required.
- Internet Explorer 5.5+ or Mozilla Firefox and an Internet connection are the only requirements.
- Updates and new features appear automatically.
- Quickly access up-to-date MSDS and Product Data Sheets.
- View pictures of equipment inspections, site layouts, and more.

Charts and Graphs:

- **eController** data logs may be compared with Service Report and Operator Log test results.
- Daily, weekly, monthly and annual product usage may be reviewed.
- Reported test results may be easily graphed and compared.
- All test results on a system may be viewed by easily accessing the system overview chart.

Charts and Graphs:

- Color-coded control limits provide an easy indication of test results.
- Test results are easily graphed and trended.
- Saved reports provide an overview of time spent and work performed.
- Reports that are emailed appear exactly as they appear online.

Inventory Reporting and Product Ordering:

- Inventory reporting based on **eController** tank levels or manual entry.
- Online product ordering with multiple recipients.
- Graphical representation of inventory levels and usage displayed in user-selectable tank images.

eController Compatibility:

- Configure **eController** to sample up to 144 data points per day to insure detailed and accurate results.
- Graph and trend **eController** data recordings.
- Configure **eController** to send inventory levels and test results directly to **eServiceReport** up to 48 times a day.
- Compare **eController** data logs with Service Report and Operator Log tests.

Alarms and Notifications:

- Receive alarm notifications via SMS-compatible cell phone, PDA, or to any desired email address.
- Receive automated emails when:
 - test results are out of range, and or
 - inventory level entered is below the designated reorder point.