

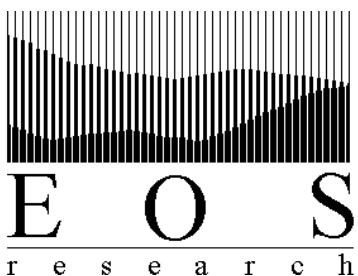
EOS RESEARCH PROCONTROL *series 2^{plus}* Water and Wastewater Utilities

Introducing powerful, *affordable* SCADA and stand-alone control for municipal and private utilities.

The ProControl *series 2^{plus}* is a unique stand-alone controller, remote monitor, datalogger and alarm reporter in one unit, with numerous applications in the water and wastewater industry. It has been designed with the needs of small to medium-sized water distribution and wastewater systems in mind, bridging the gap between simple, labor-intensive manual systems and expensive, complicated SCADA setups. It can be used for applications as diverse as a central controller for a wastewater treatment plant to a remote monitoring unit for a pump station. What makes it so powerful is its easy-to-use operator interface which uses a common platform for everything from the simplest monitoring tasks to complicated system control. A single ProControl *series 2^{plus}* can be used for everything from controlling pumping systems to regulating chlorinators to monitoring flows and line pressures, and can be linked together for related but separate operations. Examples of uses in the water/wastewater field are:

- ***Pump/lift station control and monitoring*** - the ProControl will automatically control pumping operations, allow remote monitoring of flows, process data for I&I studies, and report to you by fax or pager if alarm conditions develop. Eliminate those trips to the other side of town while maintaining complete control of system operation.
- ***Water level and pumping distribution control and monitoring*** - control well pumps, monitor standpipe levels and log data on system pressures. Automatically poll remote ProControl units from your central office for data recording and analysis.
- ***Control chlorinators and filtration systems*** using on/off, proportional, or PID control. Use variable-speed drives on pumps to maintain flows through filters as pressures build.
- ***Monitor stormwater flows*** at remote locations to alert you to impending flow surges. ProControl units will keep you informed via fax or pager if flows exceed specified levels, and can automatically control stormwater impoundments to provide flow regulation.
- ***Control your wastewater treatment plant*** and reduce manual monitoring effort using the sophisticated control routines and monitoring capabilities of the ProControl. Address regulatory reporting requirements by letting the ProControl do the work for you. The ProControl can interface with dozens of sensors and control a wide variety of equipment.
- ***Operate equipment from your home or central office.*** The ProControl provides you with a complete level of control from a remote location, with safeguards built in to protect equipment from damage. Monitor motor amperage and other parameters to warn you in advance of impending equipment failures.

The ProControl *series 2^{plus}* can interface with almost any of your existing sensors or flow meters, so a large investment in new instrumentation is not necessary. No programming is necessary - the ProControl comes pre-configured to your exact system specifications by EOS Research or one of our technology partners. And retrofitting a ProControl to your existing controls and devices is easy due to the system's flexibility. To discuss your own applications, please call us at (603) 332-2099.



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