



SCHWEITZER ENGINEERING LABORATORIES, INC.

2350 NE Hopkins Court • Pullman, WA 99163-5603 USA
Phone: +1.509.332.1890 • Fax: +1.509.332.7990
www.selinc.com • info@selinc.com

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For more information, contact:

Kate Wilhite, Senior Marketing Communications Specialist

Schweitzer Engineering Laboratories, Inc. (SEL)

Phone: +1.509.336.7946

Fax: +1.509.334.8795

Email: kate_wilhite@selinc.com

SEL Station Phasor Data Concentrator With Built-In Archiving Delivers Reliability in Extreme Environments

PULLMAN, WA — September 28, 2010 — Schweitzer Engineering Laboratories, Inc. (SEL) today announced the release of the new SEL-3373 Station Phasor Data Concentrator (PDC) with archiving. Designed for application in harsh substation environments, the Station PDC delivers the high reliability and uptime customers have come to expect from SEL.

The Station PDC comes equipped with an intuitive user interface, the PDC Assistant, for breakthrough ease of use in setup and configuration. Several innovative features include data concentration for as many as 40 PMU inputs, the capability to archive several months of phasor data on the built-in 120 GB solid-state drive (SSD), user-configurable output data streams, and built-in NERC CIP security features, including individual and role-based account authentication, access logs, strong passwords, and port control. With no moving parts or vents to break down or clog, the Station PDC offers exceptional operation and reliability.

In one popular application, transmission operators apply the flexible archiving capabilities of the Station PDC for dynamic disturbance recording as part of a NERC PRC-002 disturbance recording system. In other applications, the PDC operates as part of a wide-area visualization, awareness, and protection system to improve electrical transmission grid reliability. Dave Whitehead, vice president of R&D at SEL says, “We are excited about the SEL-3373 because it provides a substation-hardened platform for synchrophasor applications. Utilities can apply a reliable archiving device to ensure no data are ever lost due to communications failure.”

The Station PDC is the second PDC that SEL has introduced this year. In June, the SEL-5073 SYNCHROWAVE[®] PDC Software was introduced. The two PDCs share a common user interface (the PDC Assistant) for setting up, configuring, and viewing real-time status. This improves ease of use for customers whose systems include both hardware and software PDCs.

SEL is now accepting orders for the SEL-3373 Station PDC, available for a base price of \$7,500. The Station PDC is backed by SEL’s renowned ten-year warranty, personalized service, and ongoing technical support, consistently ranked by electric utility customers as best in the industry. For more information on features, benefits, and applications, visit www.selinc.com/p123. SEL has been shipping software and hardware PDCs since 2005 and has numerous installations worldwide.

SEL serves the power industry worldwide through the design, manufacture, supply, and support of products and services for power system protection, monitoring, control, automation, and metering. SEL offers unmatched local technical support, a worldwide, ten-year product warranty, and a commitment to making electric power safer, more reliable, and more economical.

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