FOR IMMEDIATE RELEASE

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

Secure Your Communications Links With the New SEL-3025 SCADA Shield

PULLMAN, WA — July 2, 2010 — Schweitzer Engineering Laboratories, Inc. (SEL) today introduced the SEL-3025 SCADA Shield, the latest addition to SEL's security solutions lineup. The SEL-3025 economically adds strong access controls to serial and modem communications links without disturbing existing configurations or equipment upgrades. This new product utilizes powerful AES-128/256 and SHA-1/256 to encrypt and authenticate byte-oriented serial communications links with the Secure SCADA Communications Protocol (SSCP). With its remote management functionality and wide range of application support, the SEL-3025 is flexible and easy to use.

Users can also do the following with the SEL-3025:

- **Remotely manage, monitor, and configure** the SEL-3025 from your web browser with Hypertext Transfer Protocol Secure (HTTPS) supporting X.509 server-side certificates through the Ethernet port, or manage remote units over the secured serial link.

- **Upgrade existing engineering access** to cryptosecure links with the ability to uniquely identify the person accessing the link. Identity-based access and individual accountability support NERC-CIP compliance by logging and tracking access with strong user-based access controls.

- **Cryptographically secure** all point-to-point, point-to-multipoint, and many-to-many network topologies and use models. The SEL-3025 features high-speed data rates, up to 115200 bps, and supports Syslog protocol for centralized logging.

Making Electric Power Safer, More Reliable, and More Economical®
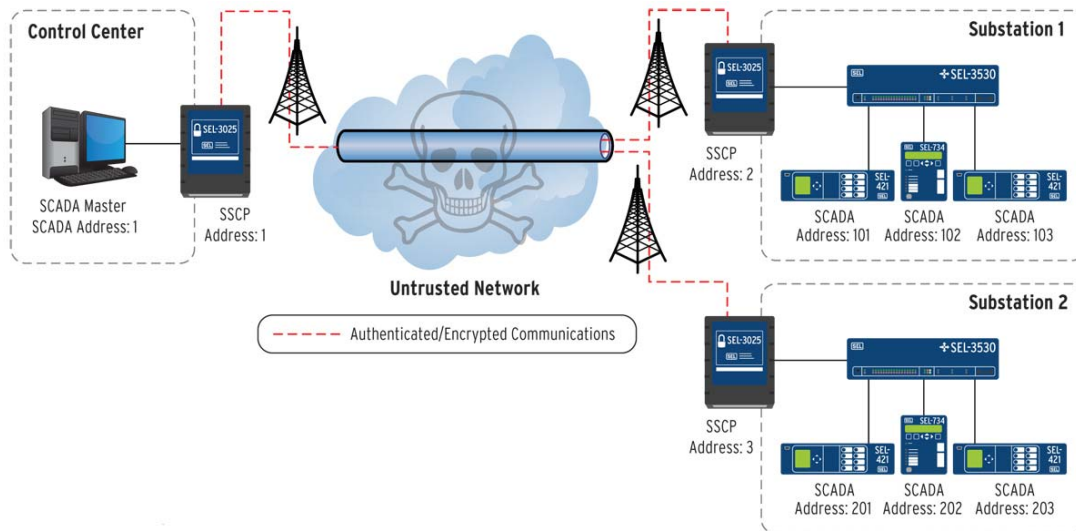
Remotely manage the control center SEL-3025 through a nonintrusive HTTPS interface. If Ethernet is not available to the substation, manage all others through the established secure serial interface.

The SEL-3025 rounds out SEL's well-established cryptographic product line by offering a solution that authenticates and encrypts all serial data communications. The SEL-3025 supports NERC-CIP requirements with centralized logging, individual authentication, and remote management features. This new product is ideally suited for engineering access and SCADA applications. The SEL-3025 complements the SEL-3021-1, which is designed for real-time protection and heavily loaded SCADA lines.

	SEL-3025	SEL-3021-1
Application	Secure SCADA and remote engineering access	Secure SCADA and real-time protection links
Real-Time Protection		4
Cryptographic Overhead	Configurable (17-45 bytes)	Configurable (4-7 bytes)
Cryptographic Architecture	Block cipher, full hold-back for authentication	Streaming cipher, no hold-back
Latency for Typical Configuration	3.4 ms (115200 bps, AES-128, SHA-1, 4-byte Trailer)	0.7 ms (115200 bps, AES-128, IV=4)
Secure Device Configuration	Any web browser, local and remote management	SEL-5809 Software, local management
User-Based Access Control to Protected Devices	4	
Data Encryption	4	4
Data Authentication	4	
Centralized Logging	4	

The SEL-3025 is available now for only $900. For more information on features, benefits, and applications of the SEL-3025 or other SEL cybersecurity solutions, visit www.selinc.com/p116.

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.

# # #