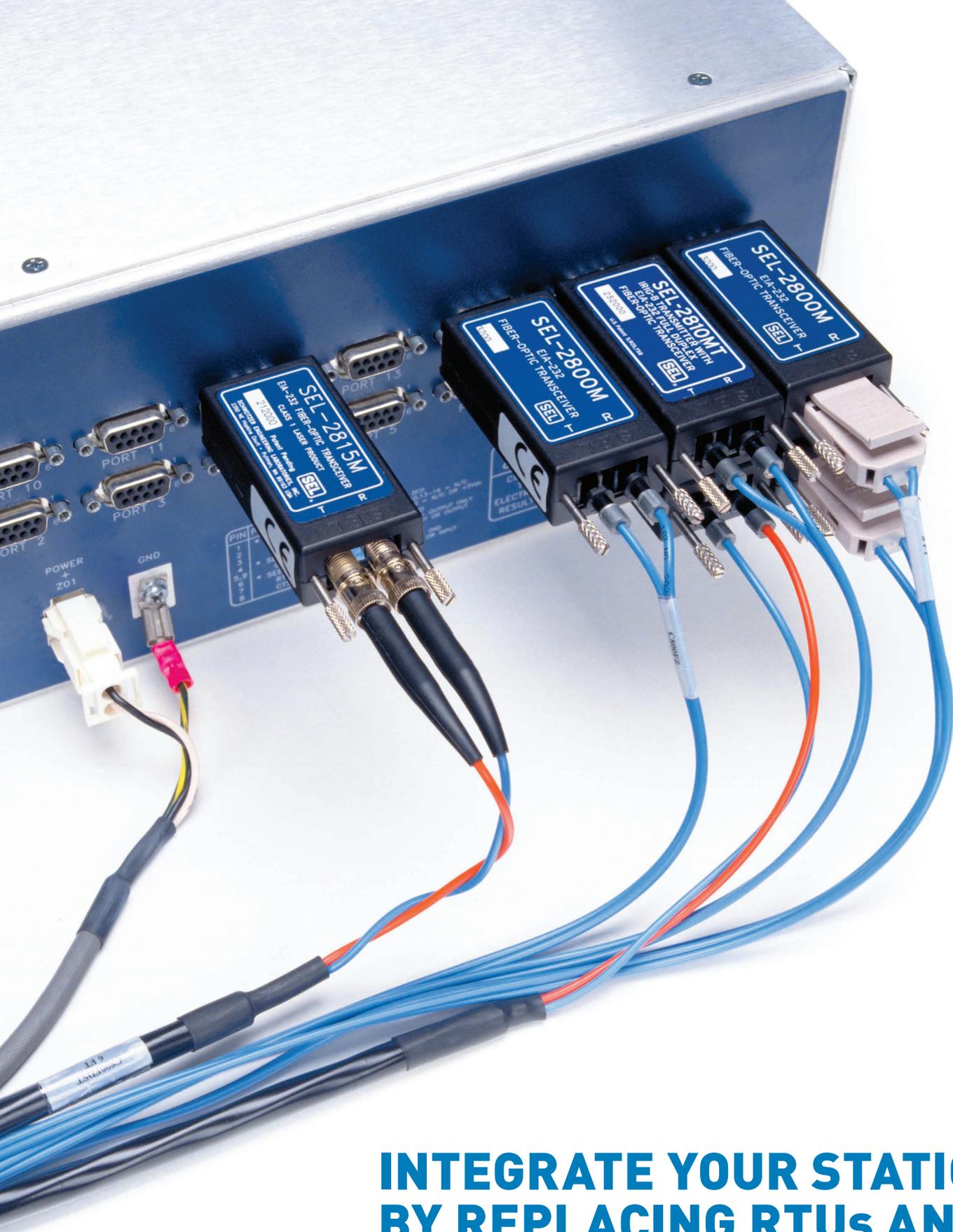


SEL-2032

COMMUNICATIONS PROCESSOR





**INTEGRATE YOUR STATION
BY REPLACING RTUs AND
OTHER DEVICES WITH ONE
RELIABLE SYSTEM**

FEATURES AND BENEFITS

SEQUENTIAL EVENTS RECORDER (SER) FUNCTIONS

Receive SER messages from SEL devices, and update the local SER database. The SEL-2032 Communications Processor monitors optional contact inputs, time-tags transitions, and saves SER records. It sends SER records to the host using DNP3 and SEL Fast SER messages.

OSCILLOGRAPHIC EVENT REPORT RETRIEVAL, SETTINGS MANAGEMENT, AND MORE

Provide event report retrieval, classification, and analysis with ACSELERATOR TEAM® SEL-5045 Software. Provide engineering access for transparent communications with connected intelligent electronic devices (IEDs), without extra wiring and without impacting the SCADA data link. Manage and view relay settings, in conjunction with SEL-5010 Relay Assistant and ACSELERATOR QuickSet® SEL-5030 Software. Connect to local human-machine interfaces (HMIs), voice dialers/annunciators, equipment monitoring systems, and plant distributed control systems.

AUTOMATIC REPORTS

Collect, store, and forward meter reports, targets, digital input status, event reports, demand meter reports, and more.

MASTER AND NETWORK COMMUNICATIONS

Use DNP3, Modbus®, SEL Fast Message, and SEL ASCII protocols. Include an SEL-2701 Ethernet Processor to use Ethernet, UCA2, Telnet, and FTP.

PROGRAMMABLE LOGIC CONTROLLER (PLC) FUNCTIONS

Use Boolean and arithmetic operators and IF-THEN-ELSE statements in SELoGic® control equations to produce and forward information, schedule and perform control, and eliminate auxiliary devices.

SYSTEM SYNCHRONIZATION

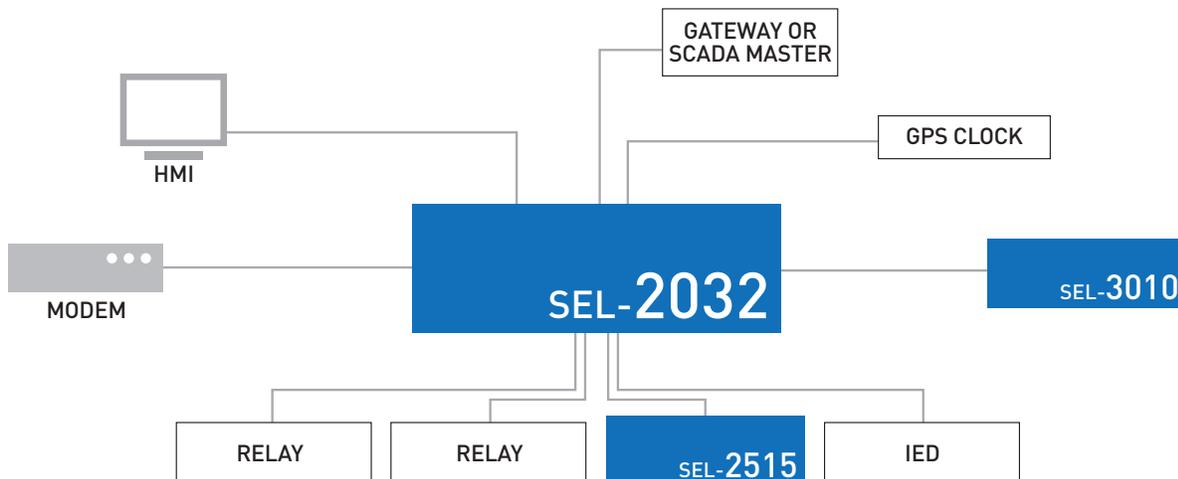
Generate IRIG-B formatted time with the time-code input from an IRIG-B time source or with the internal clock, and redistribute it to connected IEDs. This provides a common baseline for all connected devices, allowing you to monitor your system more efficiently.

IED COMMUNICATION

Use flexible commands, string parsing, and conversion settings to quickly interface with IEDs. SEL provides Job Done® examples that show you how to communicate with many IEDs.

SUBSTATION QUALITY

Operate in temperatures ranging from -40° to +85°C (-40° to +185°F). The SEL-2032 meets many utility and industrial standards. See the protocol card specifications for more details.



COMPLETE INTEGRATED SOLUTION BLOCK DIAGRAM

Link all substation IEDs into a single, low-cost, configurable contact point for SCADA, local HMI, dial-in access, dial-out notification, and overall substation integration applications. Link multiple communications processors to provide redundant communications paths when necessary.

GENERAL SPECIFICATIONS

Power Supply Ratings	125/250 V	85–350 Vdc, 85–264 Vac
	48/125 V	38–200 Vdc, 85–140 Vac
	24/48 V	20–60 Vdc
	25 W maximum for all supplies	
Standard Digital Input and Output Ranges	24, 48, 125, or 250 Vdc	
	Standard hardware provides one alarm output. Optional board provides 16 digital inputs and 4 digital outputs.	
Operating Temperature	–40° to +85°C [–40° to +185°F]	
	Ethernet Option	
	–40° to +70°C [–40° to +158°F]	
	Modbus Plus Option	
	0° to +70°C [+32° to +158°F]	

ORDERING INFORMATION

Options Include:

- Additional I/O board providing 16 inputs and 4 outputs
- SEL-2701 Ethernet Processor



**MAKING ELECTRIC POWER SAFER,
MORE RELIABLE, AND MORE ECONOMICAL**

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