

SEL

COPA-DATA Partner Spotlight



Schweitzer Engineering Laboratories (SEL) is a global leader in electrical system protection, automation, and secure communication. It joined the COPA-DATA Partner Community in 2017 and has now attained the level of Qualified Partner, using zenon in PowerMAX®, its state-of-the-art electrical power management and control systems.

THE CHALLENGE

As a trusted advisor to its customers, SEL Engineering Services, Inc. has executed many successful projects in the energy sector.

In the past, the company has found software selection too often involved a trade-off between features and price. It sought a reliable HMI/SCADA platform with built-in device drivers, robust redundancy, and native historical trending that was able to deliver a high-quality product and great support at a competitive price.

Niraj Shah, branch manager of special protection system at SEL ES, explains: “We were delighted to find COPA-DATA

because the company offers a perfect combination of great customer service, simple pricing structure, and innovative features.”

In particular, the zenon Software Platform delivers important sector-specific advantages, such as the built-in device drivers for DNP3 and IEC 61850 MMS, sequence of events, and easy-to-configure circular redundancy that can provide backfill of alarm and trend data.

The collaboration began in 2012, when SEL ES started working on two large projects in the oil and gas industry that used zenon as the front-end platform.

THE SOLUTION

Niraj Shah and his team were impressed by how responsive COPA-DATA was and had a positive experience working with the COPA-DATA USA team throughout each project.

He comments: “The transition to zenon went smoothly and it is great to have the option to continue to use COPA-DATA’s technical support. The basic functionality of the software, such as how to create screens, functions, graphics and frames, is user-friendly. Plus, zenon has many other functionalities that are important to us, including circular redundancy, scripts, the zenon Process Gateway and automatic line coloring. We can implement these features easily and with full confidence in the product.”

zenon is now SEL’s preferred platform for electrical power management and substation automation system HMIs.

Niraj Shah explains: “Our customers are very impressed when they visit our factory for large system acceptance testing and observe all the features we are able to offer with zenon. We always try our best to exceed our customers’ expectations. Now, the COPA-DATA zenon platform helps us to achieve this.”

THE PARTNERSHIP WITH COPA-DATA

Having standardized on the zenon Software Platform, SEL joined the COPA-DATA Partner Community in 2017.

Niraj Shah comments: “We have found that COPA-DATA’s partner program is the best way to learn and enrich our zenon knowledge. We can access videos, templates, and a rich knowledgebase and thereby reduce engineering time. It is very good to be part of a community where we can share and learn from each other’s experiences of zenon.”

SEL has recently achieved the status of Qualified Partner, marking a new milestone in this successful partnership. Niraj Shah concludes: “It’s very exciting. COPA-DATA has been great to work with.”

“We look forward to expanding our services with COPA-DATA. SEL ES is excited to deploy more systems using the zenon platform.”

NIRAJ SHAH, BRANCH MANAGER – SPECIAL PROTECTION SYSTEM, SEL ENGINEERING SERVICES, INC.



SEL is a global leader in electrical system protection, automation, and secure communication. With more than 50 installations across North America, SEL Engineering Services provides world class solutions for substation automation, distribution automation, power management, and microgrid control systems.

- ▶ Integrated power management solution with native device drivers; no additional software components/drivers/protocol converters are required.
- ▶ 100 percent redundancy at the system level.
- ▶ Built-in Sequence of Events recording with absolute and relative time.

KEY FACTS

- ▶ COPA-DATA Partner since*: 2017
- ▶ Industries served: Energy
- ▶ Partner Contact Details: 2350 NE Hopkins Court, Pullman, WA 99163, USA. www.selinc.com

* The COPA-DATA Partner Community was officially introduced in 2011.