## **SEL Field Services**



# Turnkey installation services for retrofits, upgrades, and greenfield projects

- Receive complete installation services during any project phase, from demolition and wiring to testing and commissioning.
- Utilize crews of experienced electricians and technicians available across the United States.
- Upgrade or expand switchgear and protection and control systems.
- Ensure the safety of your project with our highly trained crews.
- Experience the same level of quality you expect from SEL manufacturing.





## Experience You Can Trust. Service You Can Depend On.

#### Experience

For over 35 years, SEL has delivered power solutions that protect electrical grids around the world. We understand the critical nature and needs of bulk electric systems and are committed to helping you navigate and comply with complex, ever-changing regulatory standards to ensure personnel safety, improve system reliability, and mitigate regulatory risk.

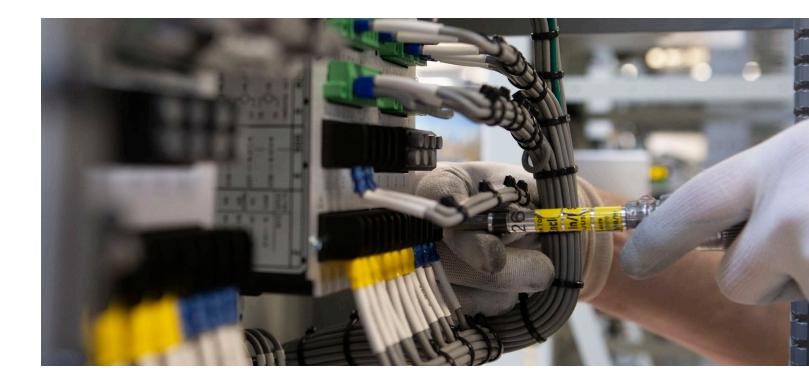
Our engineers have the knowledge and tools to provide you with a reliable and compliant power protection system. Our field services crews have the training and experience to ensure that every system is installed safely and to the highest quality standards.

#### Safety

Safety is our highest priority. Every SEL field services technician is Station Entry-certified and CPR/AED-certified and maintains up-to-date OSHA credentials. Technicians also maintain numerous customer-required certifications and have logged thousands of hours in distribution, transmission, and generation environments. Rigorous training, along with annual mandatory refresher courses, ensures that our crews are safety-oriented.

#### Quality

Our field services technicians are certified to perform wire routing and terminating to the same Institute for Interconnecting and Packaging Electronic Circuits (IPC) standards as our manufacturing associates. This means you can expect to have your new equipment installed with the same level of quality and expertise as you receive from SEL manufacturing.



## We Are Here to Help

Whether you are upgrading or expanding your existing system or implementing all-new control or automation, SEL can handle all phases of your installation, from demolition and wiring to testing and commissioning.

#### Key Offerings

- Demolition, retrofits, and upgrades of existing relay panels
- Installation, integration, and wiring of new relay panels
- Commissioning and testing support
- Automation and control system installation
- SCADA installation
- Arc-flash solutions
- GPS and Yagi antenna installation
- NEMA box and electric panel installation
- Cable installation for yard equipment through existing conduits

## Field Services Examples

#### Manufacturing

A Texas manufacturer partnered with SEL for an extensive relay upgrade. SEL field services technicians removed 60 switchgear doors and replaced approximately 300 existing relays with SEL-751 Feeder Protection Relays.

#### Mining

An Alaska mining company wanted to upgrade their SCADA system. SEL field services team members, who are Mine Safety and Health Administration (MSHA)-certified, performed a SCADA system upgrade onsite and provided wiring support for the operation's new equipment.

#### Utility

A California utility needed a fully integrated control house built to their specifications and delivered. They sent an empty control house to SEL headquarters in Pullman, Washington, where our field services technicians installed relays and control panels and tested the setup. From there, the SEL team prepped the building for delivery and traveled to the customer site for installation.

### SEL SCHWEITZER ENGINEERING LABORATORIES

SEL Engineering Services +1.509.332.1890 | esinfo@selinc.com | selinc.com

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