



Since 1997, Grace Engineered Products has been a Rockwell Automation Encompass™ Partner with a mission to help facilities around the world keep people safe and assets secure. GracePort® and GracePESDs® utilize thru-door technology to go beyond compliance of OSHA and NFPA 70E/CSA Z462 when performing routine maintenance and Lockout/Tagout (LOTO) procedures. GraceSense™ is their latest product line and offers continuous monitoring of critical assets. Their predictive maintenance solutions are expanding into the digital IIoT space with the recent acquisition of wireless monitoring technology designed to track the performance and health of advanced engineering systems.

Located in the heart of America, Grace Engineered Products of Davenport, Iowa was established in 1993. Today, Grace operates globally with the same Christian principles under which it was founded by President and CEO Phil Allen. In the early 2000s, Grace revolutionized the automation industry with GracePort® customizable convenient data ports that allow access to live control cabinets through closed doors. With their mission of productive safety, Grace has become a leading innovator with a wide array of electrical safety products, such as GracePort® programming ports, GracePESDs® voltage indicators and portals, and GraceSense™ predictive maintenance solutions.

# The power of collaboration working for you

PartnerNetwork™ solutions from Rockwell Automation

For more information: [www.graceport.com](http://www.graceport.com)

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## Making Maintenance Smarter, Safer and More Productive

Grace's diverse product lineup of GracePort®, GracePESDs® and GraceSense™ go beyond compliance standards set forth by OSHA and NFPA 70E to provide innovative electrical safety solutions that protect personnel and critical assets.

Connect with us.    

[rockwellautomation.com](http://rockwellautomation.com) — expanding human possibility®

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## Your trusted partner for productive safety

### Core services

GracePort® and GracePESDs® are the cornerstones to Grace's vision to drive innovative solutions, enhance productivity, and keeping people safe and assets secure through simple and affordable solutions. The newly added category of GraceSense™ offers predictive maintenance capabilities that provide continuous monitoring of temperature at Potential Failure Points (PFPs), alerting personnel when an unplanned shutdown is about to occur.

### Industries

Grace Engineered Products can be applied to any and all industries with electrical safety procedures and critical asset management; most notably, however, Grace pioneered the Encompass Program product category of Permanent Electrical Safety Devices (PESDs) for many industries; a few notably among them are the following:

- Utilities: waste, water management, mining, energy, oil and gas
- Manufacturing: consumer package goods, pulp and paper, food and beverage production, automotive, fiber and textile, and pharmaceutical
- Government facilities: US Federal Departments of Defense, Energy, and Interior; NASA; various state government departments and municipalities

### Applications

The fully customizable GracePort® allows electrical panels to be closed while performing routine tasks and maintenance such as programming PLCs. With GracePESDs® voltage indicators and portals, the ability to pre-verify electrical isolation without opening the panel doors maximizes safety and productivity. GraceSense™ predictive maintenance technology offers continuous monitoring of critical facility assets with products like the Hot Spot Monitor to predict and prevent unexpected shutdowns, thereby minimizing costly downtime.

“Safety is the reduction of risk, not the absence of risk.”

**Phil Allen**

Owner and CEO



### Products

Graceport® is a foundational tool many facilities use across the globe to keep voltage away from people. The GracePort® is a fully customizable communication port that allows workers easy access to control panels through closed doors. Like all of Grace's innovative products, thru-door technology enhances compliance to OSHA and NFPA 70E/CSA Z462 as well as global electrical safety standards.

Grace PESDs® are electrical components hardwired to a source of voltage(s) and installed into electrical systems enabling personnel to validate electrical energy presence or absence without exposure to voltage. PESDs such as the Voltage Test Station, Flex-Mount Voltage Indicator, and Safe-Test Point™ inherently minimize arc flash risk and shock hazards by providing voltage labeling on all sources with continuous visual indication of voltage.

GraceSense™ is the latest addition to their diverse and robust product lineup and offers predictive and preventative maintenance capabilities. The Hot Spot Monitor, for example, provides 24/7 monitoring of PFPs that are crucial for facility uptime. By measuring temperature data with cloud-based storage, the device is capable of alerting personnel when a critical asset is in need of maintenance before a failure and shutdown occurs, preventing costly unplanned downtime.

**GracePort®**

**GRACE  
PESDs®**

**GRACE  
SENSE™**

### Success story

A Pennsylvania power plant installed multiple GracePESDs® into each motor control center bucket, allowing their operators to perform more maintenance tasks during off-shift hours. In the past, simple maintenance tasks like replacing a broken fan belt was side-barred until the first-shift electrician arrived to lockout the electrical energy feeding the fan motor. By installing GracePESDs®, incorporating them into their LOTO procedure, and training personnel; the operators became more productive while exceeding compliance with OSHA and NFPA 70E LOTO requirements.

### Results

The GracePort® has maintained its level of impact on the industry, both at home and abroad. PESDs have rapidly become the way for safety-conscious companies with minimal risk tolerance to increase electrical safety and productivity simultaneously. Here's a checklist to see if Grace PESDs® will suit your needs:

- Panels with circuit breaker disconnects and no visible blades
- Frequently accessed panels and cabinets
- Perform mechanical and electrical LOTO
- Panels with multiple power sources

### Rockwell Automation PartnerNetwork™

The PartnerNetwork™ program is a framework of well-managed relationships formed as a result of customer need. It provides manufacturers with access to local, regional and worldwide networks of best-in-class suppliers. These specialists offer the industry experience and technological know-how to help solve business challenges both large and small. Through the PartnerNetwork™ program, Rockwell Automation delivers a wide array of solutions, easier access to knowledge and consistent delivery of solutions to help improve our customer's business results.