



Innovating Toward an Outage-Free Future





Empower People to Transform the Grid

S&C Electric Company's mission is to build upon our legacy of caring for team members, excellence in customer service and operations, and technology leadership to deliver innovative solutions for a safer, reliable, resilient electrical grid.



Personal
Integrity



Respect
for People



Commitment
to Excellence



Responsible
Stewardship



110+

Years of
Innovation



5

CEOs in the
Company's History



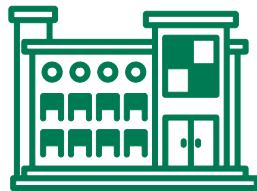
100%

Employee-owned



99%

Landfill-free



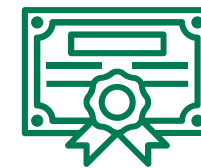
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Global Engineering and
Manufacturing Facilities



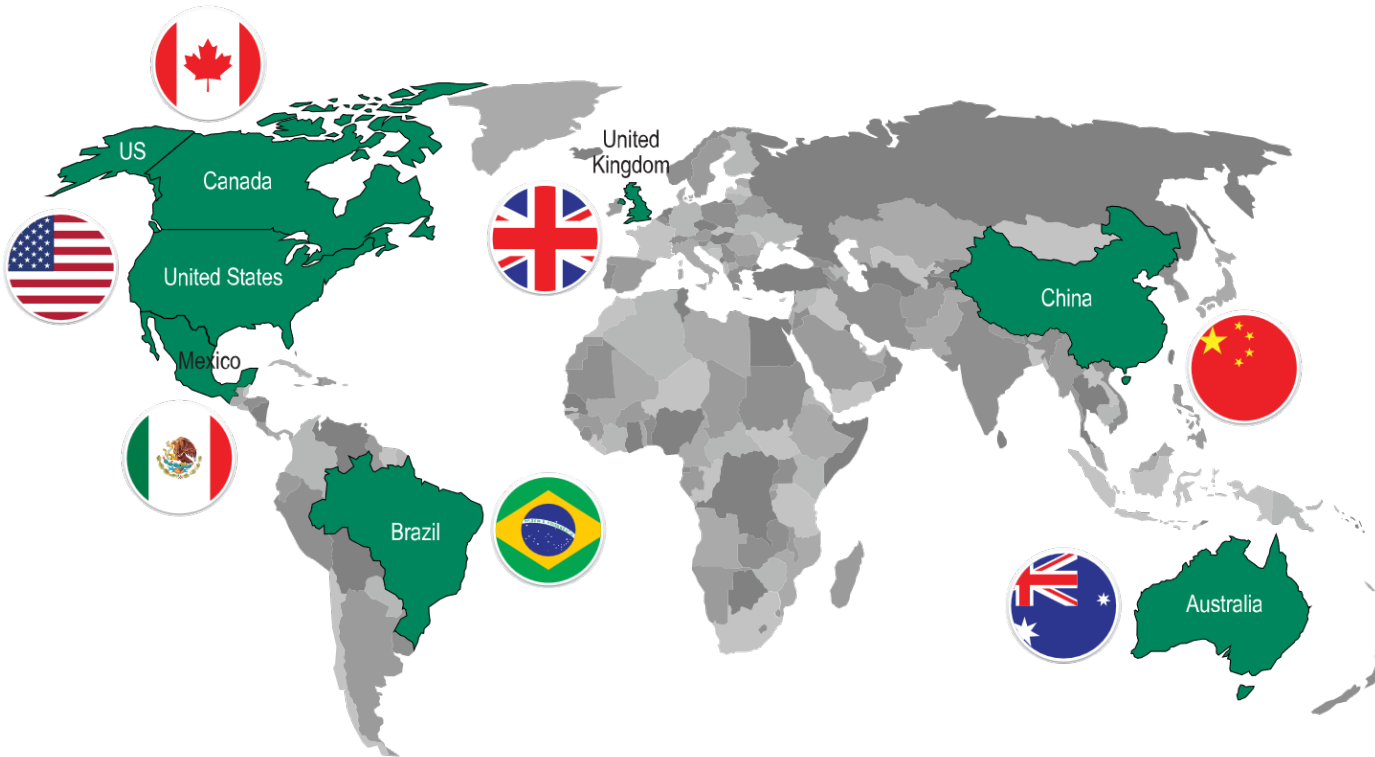
4100+

Team Members
Worldwide



300+

Active Patents



United States

- Alameda, CA
- Chicago, IL
- Palatine, IL
- Dallas, TX
- Franklin, WI
- Scottsdale, AZ
- Bethlehem, PA
- West Palm Beach, FL

International

- Aguascalientes, Mexico
- Curitiba, Brazil
- Neath, United Kingdom
- Melbourne, Australia
- Suzhou, China
- Toronto, Canada

Global Business Units

- United States
- Canada
- South America
- Mexico, Central America, and Caribbean
- Europe, Middle East, and Africa (EMEA)
- Asia Pacific (APAC)

**Worldwide network
of sales offices and
representatives
in over 40 countries**



Innovation

First non-damageable power fuse able to protect against the high currents in distribution substations and withstand dramatic temperature changes



Breakthrough

A better way to tame high-voltage arcing

1910s

S&C Liquid Power Fuse





Innovation

Protection in a cabinet



Breakthrough

A cost-effective alternative to circuit breakers

1940s

Cabinet-mounted interrupters and fuses
(Predecessor to S&C's Metal-Enclosed Switchgear)





Innovation

The first switch designed specifically for transformer protection and the interruption of transformer-limited faults

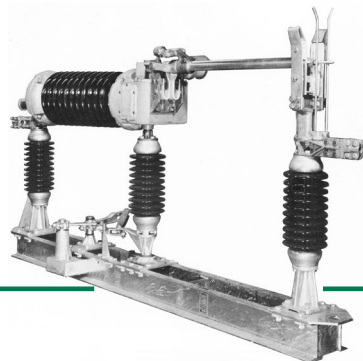


Breakthrough

Revolutionized transformer protection

1950s

S&C Circuit Switcher



- A replacement to costly oil-based circuit breakers



Innovation

Combine switching, sensing, control, and communications all in one automation package

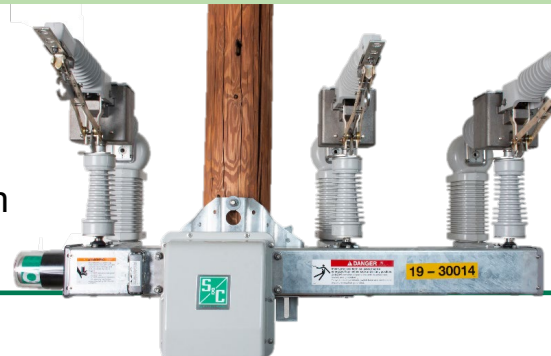


Breakthrough

Streamline automation on overhead distribution feeders

1990s

Scada-Mate® Switching System



BONUS: Can deploy distributed intelligence using the IntelliTeam® Automatic Restoration System to restore service to all unfaulted sections **in less than one minute.**



Innovation

Compact design with superior reliability



Breakthrough

Designed to reduce downtime in harsh conditions

1990s

Vista® Underground Distribution Switchgear





Innovation

PulseClosing[®] Technology that uses only 5% of the energy to test for faults

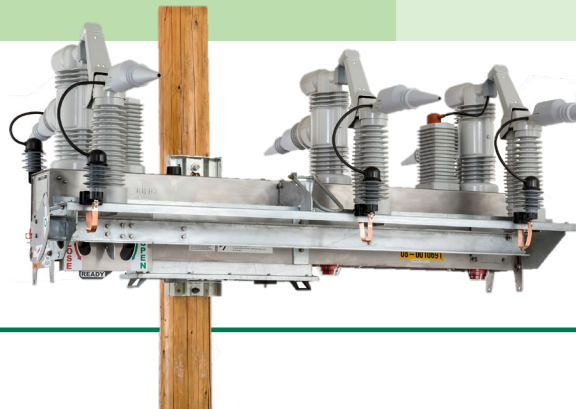


Breakthrough

Low-energy fault-testing enables universal protection on overhead, underground, and hybrid circuits

2000s

IntelliRupter[®] PulseCloser[®] Fault Interrupter





Innovation

Completely isolate faults on laterals



Breakthrough

A new way to think about lateral protection—combine the best of fuse-blowing and fuse-saving

2000s

TripSaver® II Cutout-Mounted Recloser





Innovation

Eliminate nuisance outages on the primary side of overhead distribution transformers



Breakthrough

Restore power faster at the edge of the grid

2020s

VacuFuse® II Self-Resetting Interrupter





Innovation

Deploy a smart grid on underground loop circuits



Breakthrough

Extend fault location, isolation, and restoration to underground lateral circuits

2020s

EdgeRestore® Underground Distribution System





Largest manufacturer-owned short-circuit high-voltage testing laboratory in North and South America



Rapid Testing

Accelerates development and delivery of innovative solutions by providing testing capabilities at our Chicago headquarters



Grid modernization



**After 20 TripSaver® II
Cutout-Mounted Recloser
were deployed for one year:**

- ✓ **CMI Saved: 106,947**
customer minutes of
interruption
- ✓ **O&M Savings: \$15,570**
in truck roll costs avoided

Investment in Storm Hardening



Source: TCPalm

After deploying S&C technology in volumes (150K+ devices):

- ✓ 71% drop in momentary outages
- ✓ Significant improvement in storm recovery times
- ✓ 39% blue sky day improvements to SAIDI

Grid-Capacity Expansion



By leveraging its fiber network and deploying S&C innovations, Bandera Electric experienced:

- ✓ Vast improvements in reliability on feeders with distribution automation—26% SAIDI and 35% SAIFI
- ✓ Greater overall visibility into system performance
- ✓ Readiness for future grid-modernization efforts

Self-Healing Distribution System



Deploying S&C's engineering services along with hardware, communication, and control technology resulted in:

- ✓ Highly reliable, low-maintenance system with superior arc resistance
- ✓ Ability to automatically restore power without human intervention
- ✓ Cost savings of 35-45% compared to metal-clad gear

Primary Manufacturing Location | Chicago, Illinois, USA



EdgeRestore®
Underground Distribution
Restoration System



Fault Tamer®
Fuse Limiter



Micro-AT Source
Transfer Control



Positrol®
Fuse Links



PME
Pad-Mounted Gear



PMH
Pad-Mounted Gear



TripSaver® II
Cutout-Mounted
Recloser
(Also West Palm Beach)



System VI™
Switchgear



VacuFuse® II
Self-Resetting
Interrupter



Vista® Underground
Distribution
Switchgear

Primary Manufacturing Location | **Palatine, Illinois, USA**



Mark VI Circuit Switcher



Mark V Circuit Switcher



Line-Rupter™ Switch



Series 2000 Circuit-Switcher



Trans-Rupter II® Transformer Protector

