Schneider Electric Innovative Products and Solutions for Industry

Industrial Automation and Control Solutions – 2018 Line Card

schneider-electric.us

Life Is On | Schneider Electric

Schneider Electric

Schneider Electric develops connected technologies and solutions to manage energy and process in ways that are safe, reliable, efficient, and sustainable. We are leading the digital transformation of energy management and automation with a strong commitment to sustainable development. We are driving innovation with strong, acquired brands and original products. We strive to be the best at everything we do and to provide our customers with even more innovative products.

SQUARE D™ by Schneider Electric

APC™ by Schneider Electric

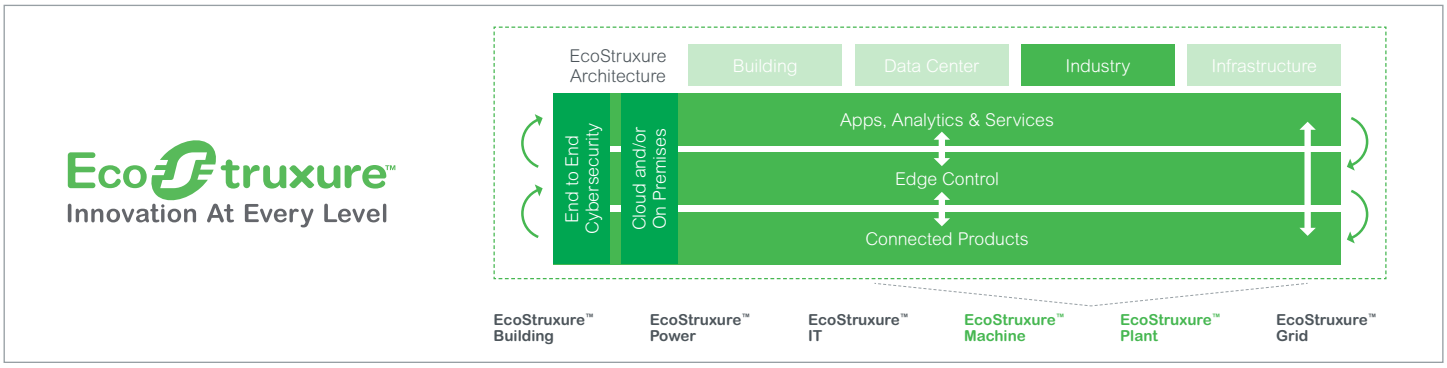
PELCO by Schneider Electric

Pro-face™ by Schneider Electric

Telemecanique Sensors

Introducing EcoStruxure

EcoStruxure is an open, interoperable, IoT-enabled system architecture and platform. It allows for the delivery of enhanced value and safety, reliability, efficiency, sustainability, and connectivity. It leverages advancements in IoT, mobility, sensing, cloud, analytics and cybersecurity to deliver innovation at every level. EcoStruxure has been deployed in 450,000+ installations, with the support of 9,000 system integrators, connecting over 1 billion devices.

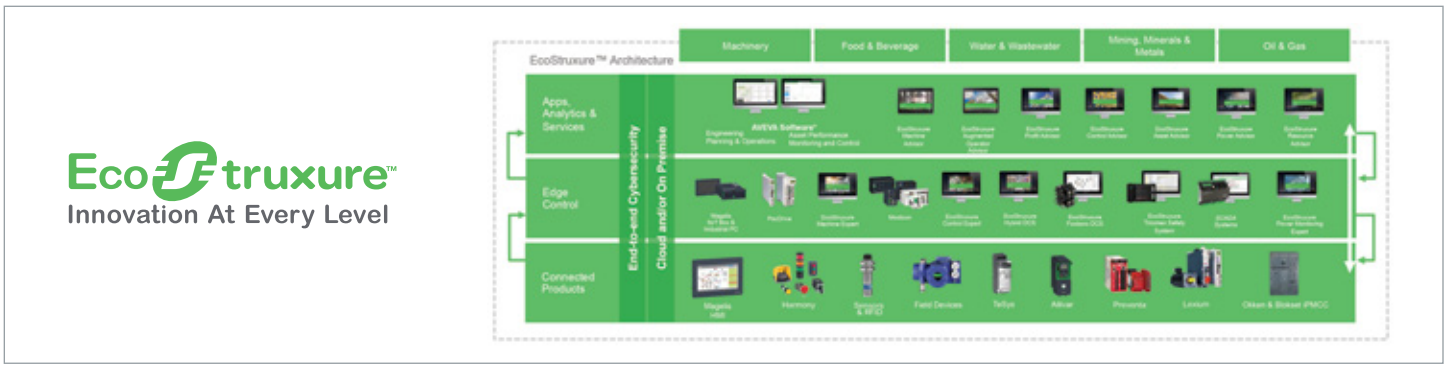


EcoStruxure is a way to bring all the benefits that make up the IIoT into one easy to understand environment. An environment where products meet applications, which provide data, that is then stored and shared in numerous ways.

- Our industry-leading EcoStruxure architecture is based on a three-tiered technology stack, bringing energy, automation and software together
- The stack comprises:
  - **Connected Products** – these are intelligent products that serve as the foundation for smarter buildings, plants and machines.
  - **Edge Control** – Schneider Electric offers you the world's leading connected control systems that enable simple design, commissioning, and monitoring. So, there is less complexity for you to manage.
  - **Apps, Analytics and Services** – here you get a full portfolio of hardware-agnostic software, apps, and analytics to enable optimization. Our Apps, Analytics and Services work with any hardware, any systems, and any control.
- You can choose to use these products, solutions and services both on-premise or in the cloud, and we make sure that cybersecurity is meticulously integrated into every layer of the stack.
- EcoStruxure for Industry leverages this approach for automation and the Industrial Internet of Things.

EcoStruxure for Industry

Schneider Electric offers the greatest breadth of smart connected products, edge control offers and analytics that covers the entire automation space. We leverage 30+ years of applied expertise to simplify design/installation, extend equipment life, keep employees/equipment safer, and increase the efficiency/reliability of the overall technical infrastructure. At Schneider Electric, we know intimately the applications across the industrial spectrum – from machinery to discrete to continuous – offering the solutions and the support that demonstrate our understanding of the power this can have for our customers.



** The Schneider Electric industrial software business and AVEVA have merged to trade as AVEVA Group plc, a UK listed company. The Schneider Electric and Life is On trademarks are owned by Schneider Electric and are being licensed to AVEVA by Schneider Electric.*

Industrial Automation and Control Solutions

Control & Signaling Solutions

22mm & 30mm Push Buttons

Harmony push buttons in plastic and metal combine simplicity and flexibility with a robust design for a range of uses and environments.

HMIs & iPCs

Magelis HMIs and iPCs offer solutions for machinery in a range of locations, including hazardous areas, wash down environments, and marine bridges/decks.

Relays

Square D and Zelio lines deliver a complete range of Industrial, Solid State, NEMA, and General Purpose relay options.

Tower Lights

Harmony tower light range offers a clean, innovative design that enhances machine appearance suited for a range of application needs.

Pendent/Control Stations

Square D and Harmony pendant stations offer durable solutions for standard, medium and rugged duty that are intuitive and ergonomic for the operator.

NEMA Motor Control Solutions

NEMA Type S

NEMA Type S offers an industry-proven rugged and dependable product, offering a broad range of options and accessories.

Low Voltage Motor Control Solutions

Soft Starters

Altistart soft starters offer a wide and consistent range of open, easy to integrate solutions to extend machine life.

Process Drives

Altivar Process AC Drives deliver added-value services to enable process optimization through improved life cycle management and energy consumption.

Machine Drives

Altivar Machine AC Drives are designed to assist OEMs, panel builders, and system integrators build tailored, high-performance equipment.

PLCs & PACs

Modicon PLCs and PACs provide trusted automation solutions from small automated machines to advanced machine automation across industries.

Contactors & Starters

TeSys provides comprehensive motor control solutions, from motor starters to Type E/F combination motor controllers. Simple, reliable, and flexible configurations with high SCCR.

Disconnects

TeSys offers UL 98 disconnects and motor disconnect solutions, both open and enclosed, fused and non-fused, with a wide range of handle options and accessories.

Circuit Protection Solutions

Miniature Circuit Breakers

Market-leading circuit protection that is designed for superior safety, quality, and reliability. These mini breakers also have the flexibility to be used in QO and Homeline load centers.

Molded Case Circuit Breakers

A flexible, high-performance offer, certified to global standards.

Enclosures

A comprehensive range of steel safety boxes that are ideal for Security and alarm systems, entry plate versions or BUS versions, that accommodate modular plates and equipment.

Fusible Solutions

TeSys offers several fusible solutions including compact fuse holders and fusible disconnects.

Motion Control

Servo Drives & Motors

A complete line of motion control and robotics solutions, including servo drives and motors, motion and drive controllers and linear motion products.

Linear Motion & Robotics

A complete line of linear motion and robotics solutions, including fixed and multi-axis solutions as well as delta robots for pick and place solutions.

Limit Switch & Sensor Solutions

Limit Switches

Global brand leaders, Square D and Telemecanique, offer a comprehensive range of limit switch options and accessories. Heavy-duty, compact, miniature, and application specific versions available.

Photoelectric Sensors

Offering single and multi-mode sensors for a broad range of applications including material handling, packaging, food & beverage, and more. Available in diffuse, background suppression (BGS), polarized reflex, lasers, and thru-beams.

Inductive Sensors

Inductive proximity sensors for sensing metal objects up to 60mm. The comprehensive offer includes cylindrical, cubic, and flat forms with high operating ratings, fast response time with excellent resistance to industrial environments.

Ultrasonic Sensor

Industry leading technology ultrasonic proximity sensors use sound to detect objects, control level, and provide analog output signals for continuous monitoring.

Safety Switches

Preventa safety solutions assure maximum protection with the XCS range of dedicated switches for controlling the safe opening and interlocking of guards and covers for machines.

For more information

For further details on our range of Industrial products and solutions, visit our website at schneider-electric.us/Industry or contact us directly at (800) Square D.

At Schneider Electric, Life is On!

Our mission is to serve our customers by developing innovative products and solutions that simplify the lives of those who use them. We bring together our expertise and solutions to drive new possibilities for efficiency and savings. As the global specialist in energy management and automation, we are committed to worldwide improvement in connectivity, sustainability, efficiency, and reliability and safety.

Schneider Electric Support

Field Services

Schneider Electric Services safely and consistently delivers expert care across your systems, enabling you to operate at peak performance. Our broad range of life-cycle services are designed so that you can select the level of expertise and resources you need to keep your processes at peak operational performance. From power restoration services to modernization and upgrade solutions, we have the expertise to work on any manufacturer's equipment. We are available anywhere in the United States, any time you need us.

Building Management Services
Onsite and remote connected services to support you through the life cycle of your building.

Electrical Distribution Services
Professional engineering and electrical distribution services for any manufacturer's equipment.

Industrial Automation Services
Services from designed studies to modernization to help maximize your business infrastructure.

Integrated Facility Management
Reduce OpEx, avoid unplanned costs and increase up-time throughout your data center's life cycle.

Power Management Services
Detailed reporting, testing and analysis capabilities for your systems and related components.

Critical Power & Cooling Services
Service solutions from a trusted advisor.

For more information on these services, please visit:
www.schneider-electric.us/en/work/services/field-services/
or call (877) 822-2601.

Industrial Repair Solutions

Schneider Electric is committed to helping industrial customers by being there to help you keep your equipment and your facilities running.

The Schneider Electric Industrial Repair Solutions Group delivers comprehensive solutions for any major manufacturer's equipment, at typically half the cost of replacing with new equipment. Our highly-trained team offers the strongest support in the market with the ability to repair, rebuild, or replace more than 400,000 electrical components from over 2,500 manufacturers – including older and obsolete components.

As a single source provider, we can minimize transaction costs and turnaround time. From our comprehensive testing and repair services, to our vast inventory of remanufactured components, we are here for you with trusted, cost-effective solutions to keep you up and running.

For more information on these services, please visit:
www.schneiderelectricrepair.com or call (800) 950-9550.

Solutions for Every Stage of Your Equipment's Life Cycle

At Schneider Electric, we take a long-term, holistic approach to determine your facility and operational needs, then develop strategies to improve the performance of your people, systems, and processes.

Our expertise enables you to cut costs, reduce energy consumption, and keep your systems up and running through routine maintenance, process enhancements, and migrations to new, state-of-the-art functionality.

Start-up and Commissioning

Expert instillation support service, comprehensive power-up, and diagnostic check on system components.

Technical Training

Training offered on-site, off-site, and online for Schneider Electric drives products taught by professional instructors.

Remote Technical Support

Comprehensive online and phone support from experts trained on Schneider Electric drives products.

On-site Technical Support

Regular maintenance, upgrades, and conversion assistance, small application/programming assistance, troubleshooting, and repair — even in emergencies.

Preventive Maintenance

Programs to proactively detect potential system issues to help avoid costly unscheduled downtime and reduced equipment life.

Industrial Repair Services

Repair capabilities for more than 400,000 part numbers from more than 2,500 manufacturers at our Greensboro, NC facility.

Spare Parts Management

On-site assessment to determine parts/inventory needs to ensure proper system operation and reduce downtime/costs.

Migration and Modernization

Process optimization through the identification/replacement of legacy products for new, innovative technology while maximizing existing hardware for cost-effective solutions.

Software Renewals

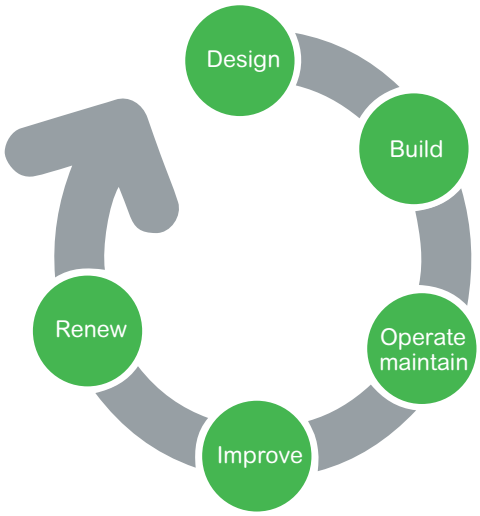
Access to the latest software available to ensure optional functionality for your system.

Extended Warranty

Protection plans tailored to your needs to reduce costs and out-of-service time.

When it comes to your process equipment, we can help at each point

- Personalized assessment, system design, and consulting
- Expert instillation and new system start-up assistance
- Regular maintenance, repair, support, and troubleshooting
- Cost-effective modernization of legacy equipment
- Timely upgrades and conversion assistance to new equipment



More information

For more detailed information, including product specifications, please visit schneider-electric.us/industry.

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