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Company Overview 2019

PARTNER | SOLVE | DELIVER®

Pioneering Craftsmanship and Innovation

“ We are fueling the processes that people may glance over or often take for granted daily. Our markets are as diverse as the applications we can influence. Energizing the performance of a solar panel, helping guide a satellite, bolstering the safety of a car, better protecting a soldier in the field, or taking a recreational drive on a snowmobile – our ability to support the experience around what seems to be simple tasks through our innovative customer driven technology is present. ”

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BUSINESS FACTS

Standex International Corporation is a multi-industry manufacturer in five broad business segments: Food Service Equipment, Engineering Technologies, Engraving, Electronics, and Hydraulics.

Standex Electronics is the Electronics Products division of Standex International Corporation.

- Division of Standex International Corporation (NYSE:SXI)
- Headquartered in Cincinnati, OH, USA
- Multiple manufacturing sites on 3 continents
- Diverse and highly skilled global workforce consists of approximately 1,400+ global employees
- Innovation lead related to component design, engineering, and manufacturing for more than 70 years
- Global geographic coverage through facilities in North America, Europe, and Asia
- Serve a large array of industries and markets through diverse product lines and dynamic capabilities
- Worldwide sales and engineering infrastructure through various centers of excellence

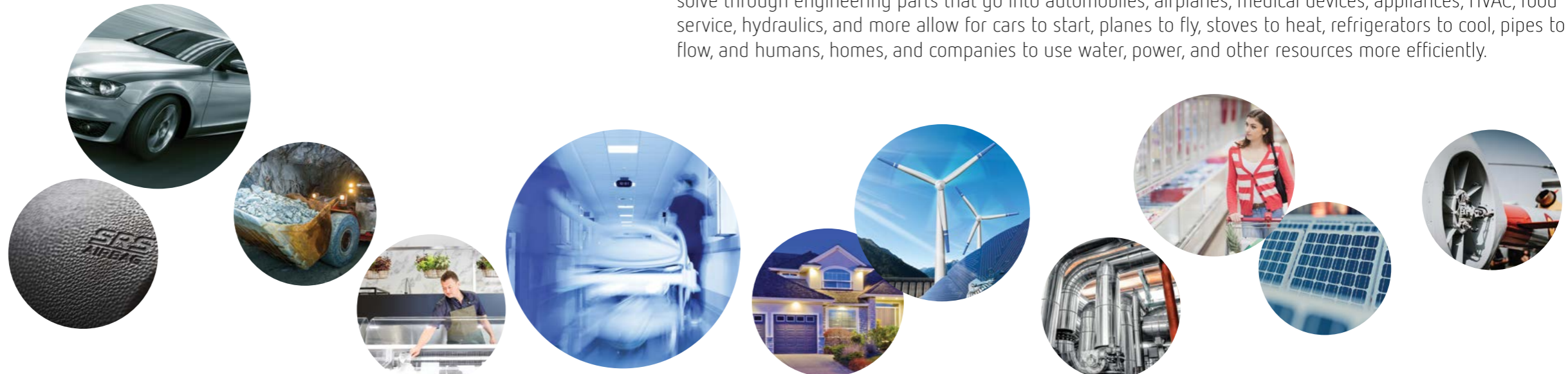
WHO WE ARE

Customer Focused Engineering Solutions

Standex Electronics is a worldwide market leader in the design, development, and manufacture of standard reed switch-based solutions & custom magnetics and power conversion components and assemblies. Headquartered in Cincinnati, Ohio, USA, Standex Electronics has nine manufacturing facilities in six countries, located in the United States, Germany, China, Mexico, the United Kingdom, and Japan.

We are a team dedicated to the craftsmanship offered through engineering and component solutions. Through customer first attitude, and our collaborative approach, we help customers win in the market. Often it is the smallest things in our life which have the greatest impact. Sometimes we do not even notice them, although they make our life more convenient and secure. They work unfailingly in vehicles, safety engineering, household appliances, medical devices, telecommunication and industrial systems of many different varieties. Precise, reliable and long-lasting. The switches, sensors, relays, and magnetic components we manufacture are at work in all these applications, and more.

We play a role in many industries and markets through the products and services we provide. The problems we solve through engineering parts that go into automobiles, airplanes, medical devices, appliances, HVAC, food service, hydraulics, and more allow for cars to start, planes to fly, stoves to heat, refrigerators to cool, pipes to flow, and humans, homes, and companies to use water, power, and other resources more efficiently.



Dynamic Application Engineering

“ When you open a door, flip a switch, measure fluid level, track an object, adjust a thermostat, fly a plane, drive a car, captain a boat, wash your clothes, get a medical test, or thousands of other activities – we are there. ”

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WHO WE ARE CONTINUED...

Customer Focused Engineering Solutions

Our dedication to providing reliable high-quality products through our Engineering and manufacturing expertise go beyond products we ship. We invest in our employees, in our communities, and are much more than a company logo.

We are essential to customers efforts due to our parts providing important measuring, testing, and sensing capabilities to our customer's products. Our customer's products go on to influence people's daily lives and well-being. Safety, security, lighting, a trip in the sky, starting a car, powering your home or even the entire grid – we bring what seems basic to life.

WHAT WE DO

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Our team has been providing solutions through high-performing products, and helping customers solve the toughest of challenges since the 1950's. Through growth, acquisition, strategically partnering with customers, and applying the latest engineering designs to the needs of our ever-changing world, our technology ultimately provides quality results to the end-user.

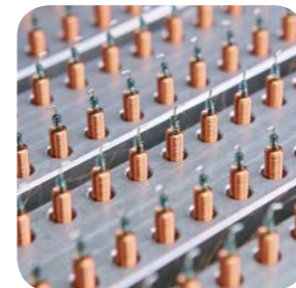
Our approach that fuels this is achieved by:

1. Partnering with the customer through our full range of global engineering, testing, and innovative component manufacturing
2. Confronting a challenge to solve through our diverse products and dynamic capabilities
3. Delivering solutions and products that address your needs as a business.

WHAT WE BELIEVE

Customer First

Our values and what we believe align to the partner, solve, and deliver® approach to help customers solve the toughest of challenges through innovative solutions. We produce parts but, we are more than that, by way of our global engineering, design, tooling, testing, and manufacturing. Connecting with your team as strategic partner, listening to your challenges, and arriving with ways to solve your complex problems through our solutions are why we exist.





**IATF
16949**

**ISO9001
CERTIFIED**

**REGISTERED
AS9100**

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CAPABILITIES

Problem Solved.

Standex Electronics has a commitment to absolute customer satisfaction and customer-driven innovation. With a global organization that offers premier sales support, engineering capabilities, and technical resources worldwide - we deliver.

At Standex Electronics, customer-specific product development is at the core of what we do. With our expert engineering staff and cutting-edge manufacturing capabilities, we are well-equipped to produce unique solutions for just about any environment or application.

MANUFACTURING

- Automated Optical Inspection (AOI)
- Auto AT Switch Sorting
- Reed Switch, Sensor, & Relay Manufacturing SMT
- Line with Pick & Place & Reflow
- Reflow Oven – Multiple Zone Convection
- Thermoplastic & Thermoset Molding
- Low Pressure (Hot Melt) & Injection Molding
- Wire Prep & Harness Assembly
- 52 to 5awg Magnetic Wire Winding
- Foil, Flat, & Square Wire Winding
- Automatic CNC Winding
- Bobbin, Layer, & Self-Supporting Winding
- Toroidal Hook & Shuttle Winding
- Potting – 2 Component

- Impregnation, Casting, & Potting
- Void-Free Vacuum Potting
- Wave & Selective Soldering
- NASA Certified Soldering
- Laser Welding
- Plasma Surface Treatment
- Lean Manufacturing Principles
- Stainless Steel, Metal & Plastic Fabrication
- Complete, In-House Machine Shop

ENGINEERING

- Electronic sensor engineering
- Circuit Design and PCB Layout
- 3-D Magnetic Sensor Mapping
- 3-D CAD Modeling & 3-D Printing

- Mechanical Design & Packaging
- Rapid Prototyping
- Magnetic Simulation Software
- Mechanical, Thermal & FEA Analysis
- Plastic Mold Flow Simulation
- APQP Project Management

QUALITY & COMPLIANCE

- AS9100, ISO9001 & IATF16949 Certifications
- ITAR Compliance
- Regulatory Agency Approvals
- PPAP & First Article Inspection
- SPC Data Collection
- RoHS, REACH, UL, AEC-Q200, ATEX & IECEx

TESTING & LAB CAPABILITIES

- High Voltage / Partial Discharge Testing
- Specialized Lab Testing Equipment: Network Analyzers, Nanovoltmeters, Gauss / Teslameters, Fluxmeters, Picoammeters
- Full Load & Temperature Rise Testing
- 2-D / 3-D Microfocus X-ray Inspection
- Digital Microscopic Inspection
- Burn-In & Life Testing
- Thermal Shock & Temperature Cycling
- Humidity, Salt Fog, & Solderability
- Moisture Resistance & Seal Testing



3 LEADING BRANDS

KOFU
REED SWITCHES

MEDER
electronic
REED SWITCHES

KENT
REED SWITCHES

PRODUCT SOLUTIONS

Customer Driven Innovation

Our sensor solutions include Meder, Kent, and Kofu (formerly OKI Sensor Device Corp.) brand reed switches, as well as a complete portfolio of reed relays, and a comprehensive array of fluid level, proximity, motion, water flow, HVAC condensate, hydraulic pressure differential, capacitive, conductive and inductive sensors.

Our magnetic offerings include planar, Rogowski, current, and low- and high-frequency transformers and inductors. 30% of our product range are standard items, the rest are produced according to our customers' specifications.

POWER MAGNETICS

- Power Transformers
- Current Sense Transformers
- High Voltage Transformers
- Medical Grade Isolation
- High Frequency Transformers
- Inductors, Chokes & Reactors
- Planar Transformers & Inductors
- Ferro Resonant Transformers
- Power Supplies & Assemblies
- 3-Phase Transformers
- Solenoids & Actuators
- Value-add Assemblies , Coils, & Antennas

SENSORS & MAGNETS

- Hall Effect
- Magnetostrictive (AMR, GMR, TMR)
- Capacitive Sensors
- Patented Conductivity
- Patented Inductive
- Rectangular
- Cylindrical
- Threaded
- Through-Hole
- Surface Mount
- Ex-approved (ATEX)
- Latching
- Metal Detection
- Magnets in Housings
- Permanent Magnets
- Combo Sensors (many sensing technologies)

REED RELAYS & OPTOCOUPLERS

- General Purpose
- High Density Boards
- High Frequency
- High Insulation
- High Voltage & Power
- Low Consumption
- Low Thermal
- Intrinsically Safe
- Relay Modules
- Latching
- Current Loop
- Photo-MOSFET
- Optocouplers

REED SWITCHES

- Miniature
- Standard
- High Power
- SPDT-Changeover
- High Frequency
- Latching
- High Voltage
- Custom
- Surface Mount
- Meder, Kent, Kofu



Making Your Everyday World Better

“ You see these items, but you don't always see our product. We are not just selling components. We are providing quality performing transformers, inductors, reed switches, reed relays, sensors and other items that deliver safety, precision, and functionality when and where it matters. That's our unique value. This is why we exist and is not only customer driven – but quality and life driven all across the globe millions of times a day. ”

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WHERE WE PLAY

Diverse Products. Dynamic Capabilities.

We offer engineered product solutions for a broad array of product applications in all major markets, including but not limited to:

- Aerospace & Military
- Alternative Energy
- Automotive (EV), & Transportation
- Heavy Duty Truck
- Electric Power & Utilities
- Fluid Flow
- Food Service
- Medical
- Smart Grid & Metering
- Industrial & Power Distribution
- Test & Measurement
- Security & Safety
- Household & Appliances
- HVAC/R
- Pool / Spa
- Lighting

WHY Standex Electronics Craftsmanship

We are relationship driven. Customer's enjoy the experience of working with us due to our "partner, solve, and deliver®" approach. We earn being a vendor of choice because of our focus on innovation, diverse capabilities and solutions, as well as our dedication to deliver high quality products and solutions.

Our global facilities and centers of excellence allow us to optimize our manufacturing facilities, centers of excellence, and expertise to pass on cost efficiencies that further help the customer win beyond innovative products.





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Electronics

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