



Southwire®

CONNECTING PEOPLE AND PLACES

AIRPORT ELECTRIFICATION
SOLUTIONS



SOUTHWIRE.COM



OUR STORY

Headquartered in Carrollton, GA, Southwire is one of the world's largest manufacturers of wire and cable and an emerging influence in the industrial electrical space. We produce half of the wire and cable used to transmit and distribute electricity in the U.S. with an expanding footprint of 13 production plants and 20 customer service centers. Southwire proudly manufactures a multitude of its products in the United States, helping end users and contractors fulfill Build America, Buy America (BABA) quotas on federally-funded projects.

We Deliver Power...Responsibly[®]

We remain committed to the sustainability of our company for the next 100 years and beyond. As we strengthen this commitment, we continue to work hard every day to discover, develop, and distribute sustainable solutions that exceed the expectations of our stakeholders around the world.

75+ Years in Business – Privately Held

Largest Wire and Cable Manufacturer in North America

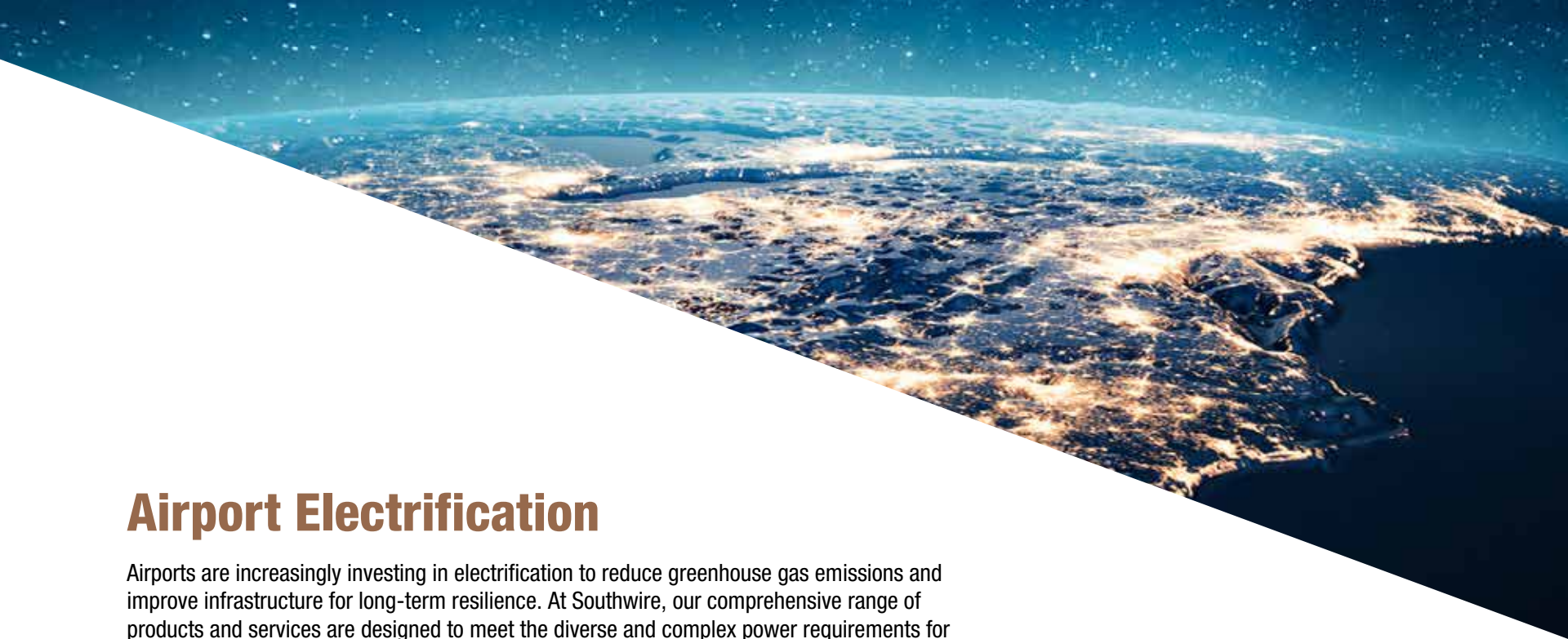
9000+ Employees Worldwide

Committed to Sustainability



WE'VE GOT IT

MADE IN AMERICA[™]



Airport Electrification

Airports are increasingly investing in electrification to reduce greenhouse gas emissions and improve infrastructure for long-term resilience. At Southwire, our comprehensive range of products and services are designed to meet the diverse and complex power requirements for airports and enable the transition to zero-emission airport equipment and infrastructure.

From airfield electrification to electric ground support equipment to terminal expansion and grid upgrades, Southwire provides an extensive portfolio of products and innovative solutions to support nearly every aspect of airport electrification. Our dedicated Airports Vertical Team monitors the evolving airport electrification landscape, and is available to provide responsive, expert support at every stage of your project. We look forward to working with you!

Made possible with Southwire



**1/2 OF THE HOMES
IN AMERICA**
contain electrical wiring
produced by Southwire.



**1/2 OF THE WIRE AND CABLE
USED TO TRANSMIT AND
DISTRIBUTE ELECTRICITY**
throughout the U.S. is produced by Southwire.



**1/2 OF THE WORLD'S
COPPER ROD**
passes through a
Southwire SCR® System.

OUR EXPANDING FOOTPRINT

9,000+
**Employees
Worldwide**



Service Hubs



Plants/Manufacturing Facilities



Customer Service/Distribution Centers



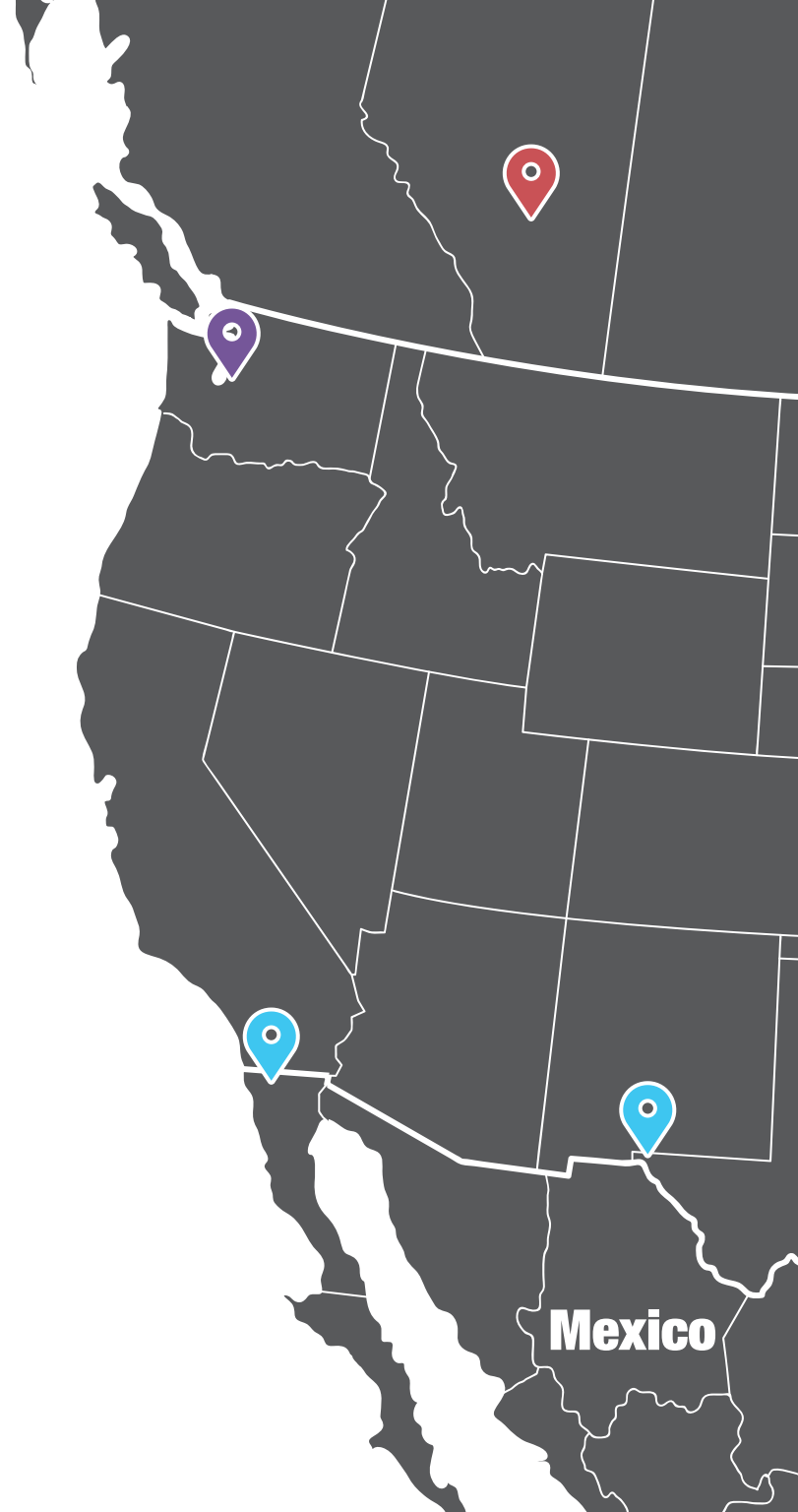
Manufacturing/Customer Service Centers

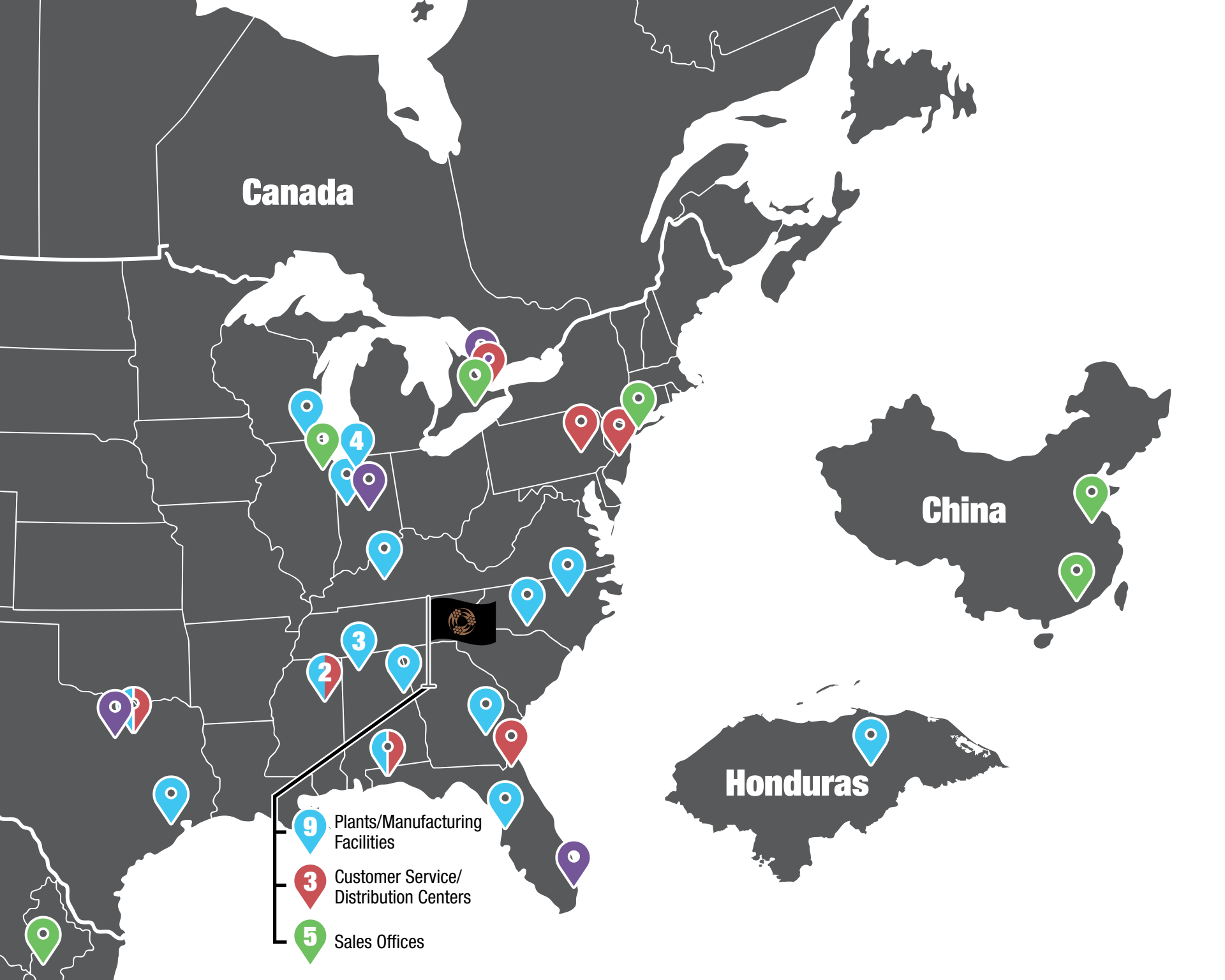


Sales Offices



Corporate Offices





Canada

China

Honduras

- 9 Plants/Manufacturing Facilities
- 3 Customer Service/Distribution Centers
- 5 Sales Offices

PRODUCT APPLICATION & CAPABILITIES

Airport Electrification

Airside Electrification

Landside Electrification





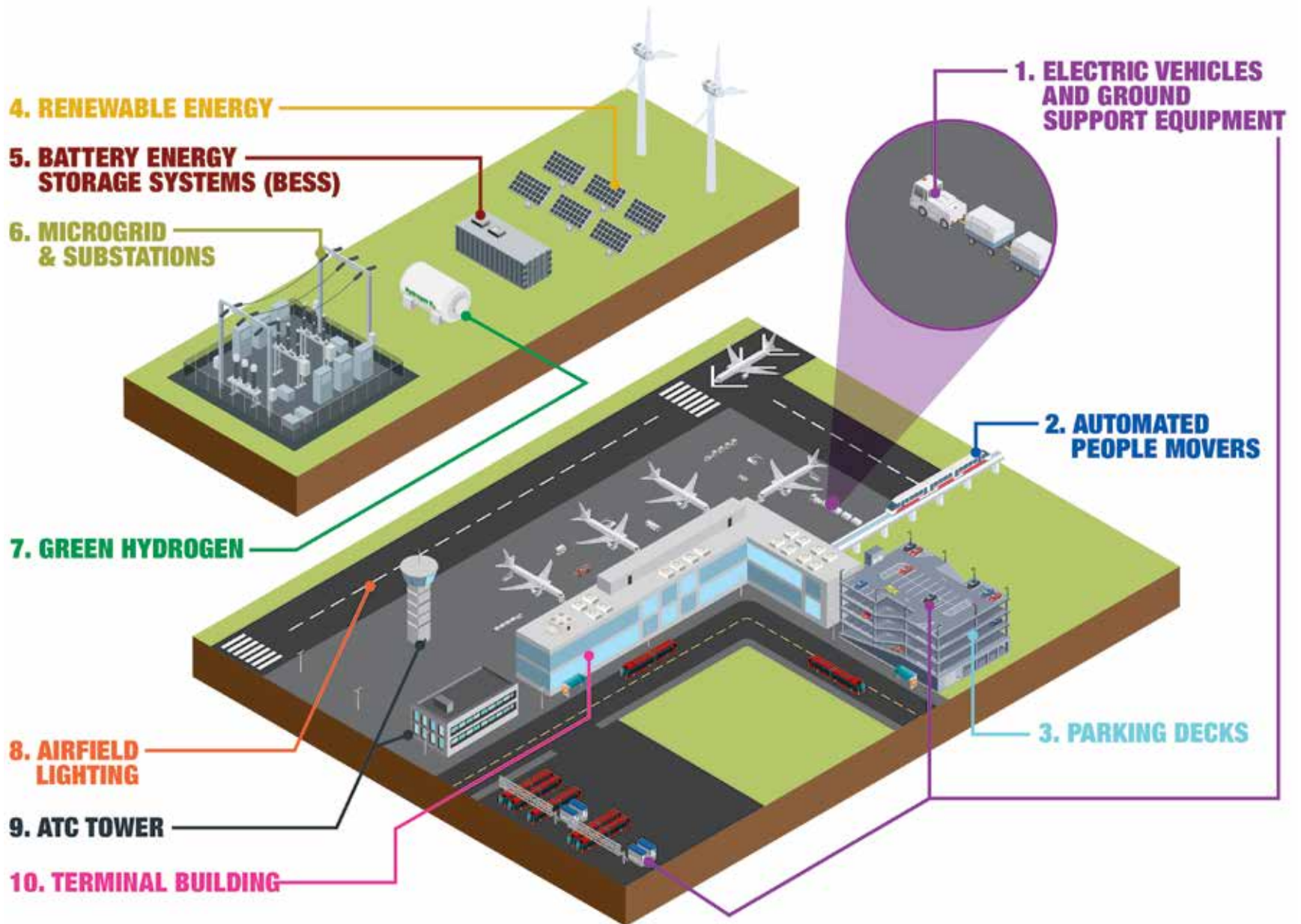
Gate
G27

Service Center

-37 ↑

Flight	Carrier	Class	Time
Alaska	Alaska	367	10:45
Alaska	Alaska	1921	10:55
Southwest	Southwest	2093	11:20
United	United	784	11:45
Air France	Air France	536	11:45
Virgin America	Virgin America	750	12:34
Alaska	Alaska	3422	10:05
United	United	588	11:15
Delta	Delta	2348	10:25
Alaska	Alaska	788	11:05
New Orleans	Alaska	1473	11:15
Alaska	Delta	1933	12:13
United	United	364	10:10
United	Southwest	2586	10:45
Wichita Falls	Alaska	306	11:25
Alaska	Alaska	2110	10:10
Delta	Delta	4813	10:55
Alaska	American	2180	12:10
Alaska	Delta	728	11:45
Alaska	Alaska	2443	11:00
American	American	656	

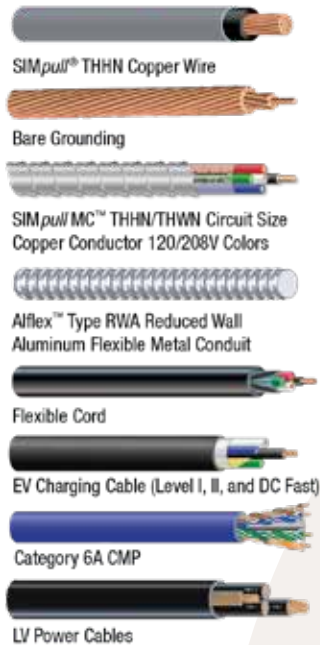
AIRPORT ELECTRIFICATION



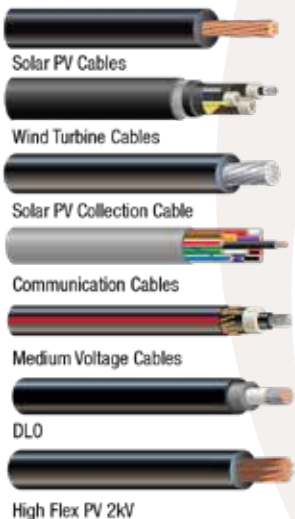
1. ELECTRIC VEHICLES AND GROUND SUPPORT EQUIPMENT



3. PARKING DECKS



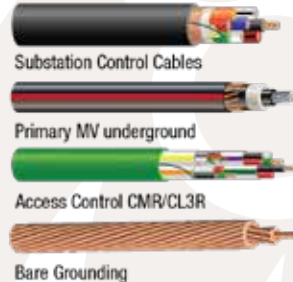
4. RENEWABLE ENERGY



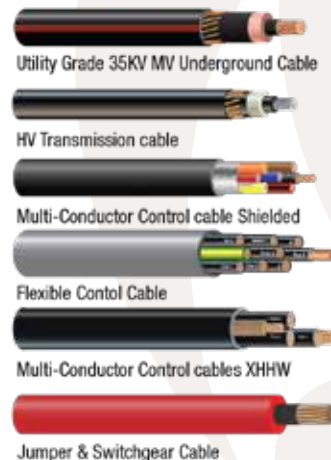
5. BATTERY STORAGE



6. MICROGRID & SUBSTATIONS



7. GREEN HYDROGEN POWER



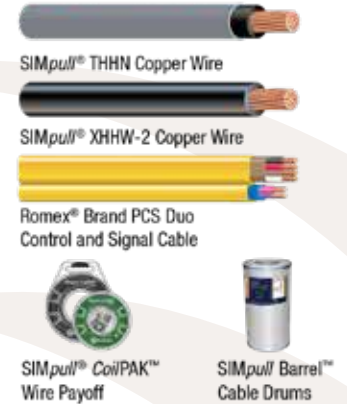
8. AIRFIELD LIGHTING



9. ATC TOWER



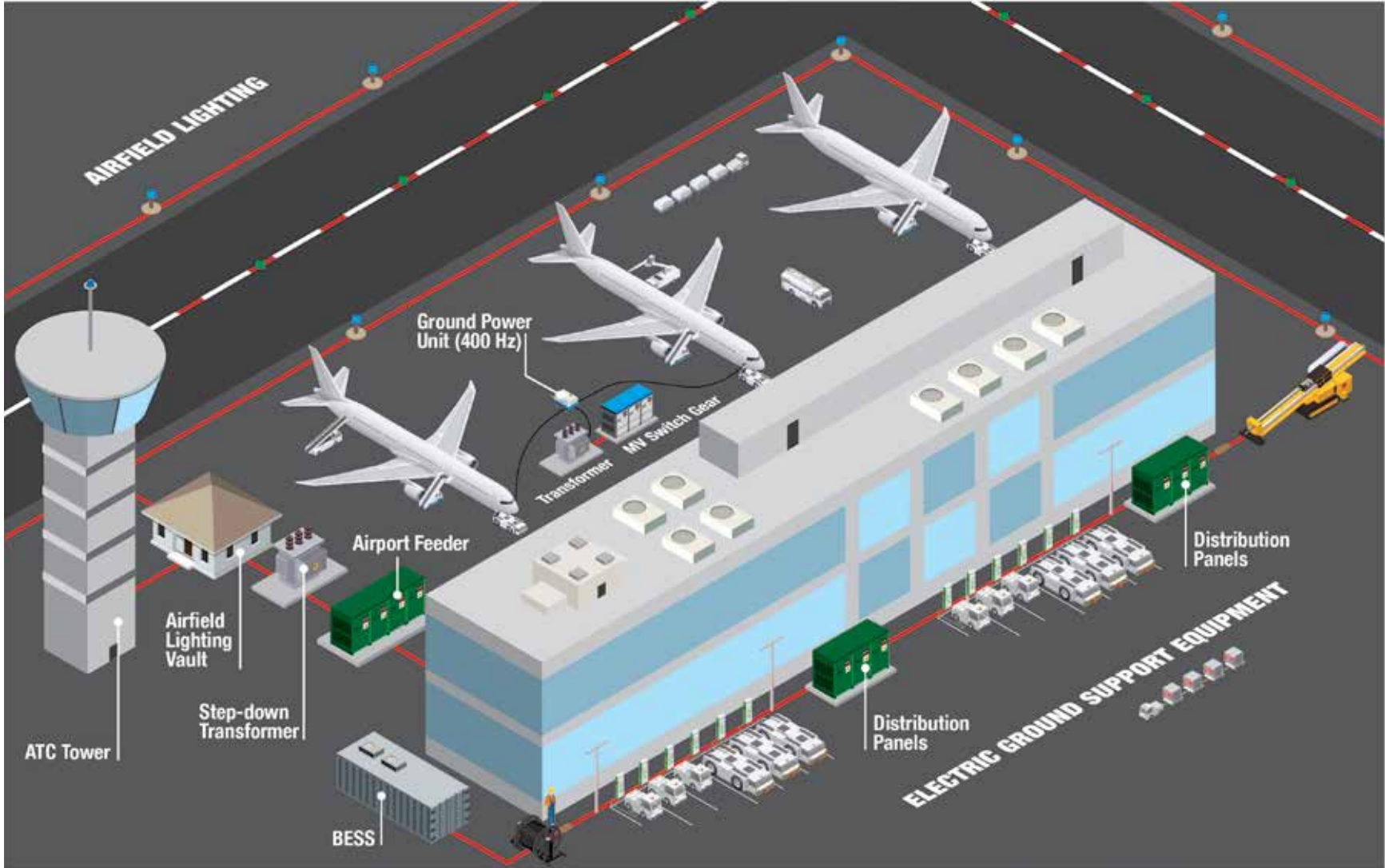
10. TERMINAL BUILDING



CABLE-IN-CONDUIT (CIC)



AIRSIDE ELECTRIFICATION



1. AIRFIELD ELECTRICIFICATION



SIMpull® Cable in Conduit



Airport Lighting Cable (FAA L-824)

2. ATC TOWER



Fire Alarm Cables Shielded Riser Rated



Fire Alarm Shielded Plenum Rated



2-Hour Fire Rated Fire Alarm Power Limited



Access Control Combination Cable



Tracer Wire



NM-B Indoor Building Wire



Underground Service Entrance

3. EVE/EVC CHARGING CABLES



Level 1 Charging Cable



Level 2 Charging Cable



DC Fast Charging Cable



LC3™ Liquid Cooled Charging Cable

4. GROUNDING CABLES



Bare Copper Grounding



THHN Grounding Cable

5. EGSE INFRASTRUCTURE



SIMpull® Cable in Conduit



Building Wire



Primary MV 5kV-35kV



Machine FLEX® Power Cable



DLO



Data Communication Cable

6. INSTALLATION SUPPORT



SIMpull® Reel



Maxis® XD1 Extreme Duty Circuit Puller



Maxis® 6K Cable Puller with Motor



QWIKrope® Feeder Pulling Rope



TRIGGERS® Wireless Safety Switch System



Temporary Power Boxes



Temporary Lighting



Hand Tools

LANDSIDE ELECTRIFICATION



We Deliver Power...Responsibly®

1. TERMINAL BUILDINGS



SIMpull® THHN Copper Wire



SIMpull® XHHW-2 Copper Wire



Romex® Brand PCS Duo Control and Signal Cable



SIMpull® CoilPAK™ Wire Payoff



SIMpull Barrel™ Cable Drums

2. AUTOMATED PEOPLE MOVERS



SOLONONplus® LSZH 1KV Power Cable



Armored MV Cable



Medium Voltage LSZH Cable

CABLE-IN-CONDUIT (CIC)

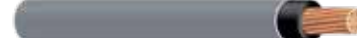


Conduits or CIC



CIC CU 600V THHN SCH 40

3. PARKING DECKS



SIMpull® THHN Copper Wire



Bare Grounding



SIMpull MC™ THHN/THWN Circuit Size Copper Conductor 120/208V Colors



Afflex™ Type RWA Reduced Wall Aluminum Flexible Metal Conduit



Flexible Cord



EV Charging Cable (Level I, II, and DC Fast)



Category 6A CMP



LV Power Cables

4. ELECTRIC VEHICLES AND GROUND SUPPORT EQUIPMENT



Control Cable



Power Cable



Battery Cable



Bare Copper Grounding



Remote Access, Signal, Power-Limited Controls



Communication Cable



EV Charging Cable (Level I, II, and DC Fast)



Data Cable



Flexible High Temp Control Cable



DLO

PARTNERING ON PRODUCT INNOVATION

Cofer Technology Center for Research and Development

Since 1950, Southwire's R&D team has brought new innovations for transmission, distribution, and industrial applications. The Southwire's D.B. Cofer Technology Center for Research and Development conducts in-house testing and fast turnaround for product development and UL and CSA Certification. The center is an ISO 17025 accredited laboratory, specializing in the electrical and mechanical fields.

Multibillion dollar capital investments are underway to modernize our U.S. facilities and increase capacity.

Project Highlights

Low Smoke Zero Halogen Transit Cables

Megawatt Cable for Electric Truck Charging Stations

Liquid Cool Cable for Level III Electric Vehicle Charging Stations

Medium Voltage Cable for Subsea Applications

Hybrid Cables for Telecom Applications

Shore Power Cable (THOF) for Naval
Applications (U.S. Navy/NAVFAC)



WE'RE MAKING THE FUTURE CURRENT

The Spark Innovation Center

The Spark Innovation Center at Georgia Tech was formed to aggressively pursue profitable, responsible, and sustainable business growth through new thinking, new learning, and new methodologies.

Southwire has a long history of innovative products and processes, and The Spark at Tech Square is both the catalyst and the platform to scale innovation across the company, organically.

We keep our eye on megatrends, market trends, and technology transformations that could affect the wire and cable business to both ensure Southwire is not blindsided by disruptive technology or business models and ensure that Southwire can take advantage of new technologies and business models of the future. To do this, we employ human-centered research with our employees, customers, stakeholders, and market participants to provide recommendations to Southwire's key business leaders.

We inspire a culture of innovation through scalable toolkits.

Our team of human-centered designers are subject matter experts in design thinking and employ new learning, new thinking, and new methodologies to solve difficult business problems. The goal of the Spark is to permeate Southwire's organization with these tools, methods, and processes. This is accomplished through direct partnerships with business teams to build acumen with these tools across Southwire.

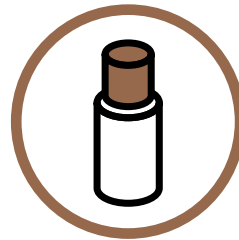




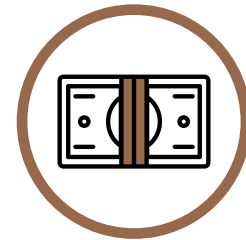
SUPPORT FOR EVERY STAGE OF THE JOB

Wire & Cable | Tools | Component Solutions | Cable Management

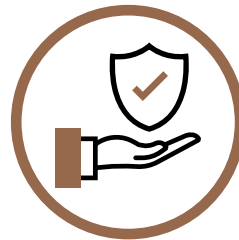
Every Southwire product is designed to:



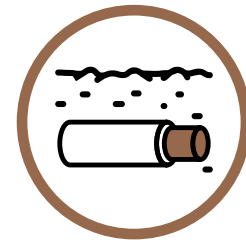
Simplify Installation



Reduce Man-Hours and Labor Costs



Promote a Safer Work Environment



Meet Unique Application Needs

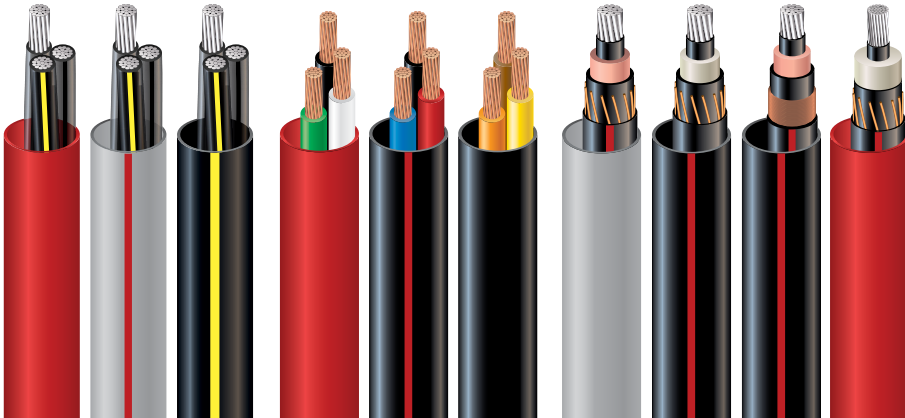
SOUTHWIRE SIMpull® SOLUTIONS

Patented, Labor-Saving Innovations

Southwire SIMpull® Solutions products and services are focused on the mission of improving productivity, safety and profitability. Southwire's SIM Technology® cable products are speeding up installation time, creating a safer work environment and changing the process of how intermediate and feeder size cables are pulled into a conduit. Southwire's NoLUBE® SIMpull THHN® and SIMpull XHHW-2® cables do not require the use of pulling lubricant when pulled into conduit. Southwire guarantees that SIMpull THHN® and SIMpull XHHW-2® cable will pull into conduit the same way that lubed THHN or XHHW will.

SIMpull® Cable-In-Conduit

With SIMpull® Cable-in-Conduit (CIC), Southwire minimizes the impact of cable installation on busy port and airport operations. CIC reduces the need for open trenches and pulling heavy cables which saves on labor costs and improves safety conditions. CIC is an approved product for Department of Transportation applications, including ports and airports, and is more reliable than PVC due to the ruggedness of its HDPE duct that prevents damage from accidental dig-ins. HDPE conduit also serves as a continuous physical barrier deterring copper theft and terrorist activities compared to direct buried power cables.



SERVICES THAT MAKE THE JOB SMOOTHER



With 250 years of collective job site experience, think of Southwire as an extension of your team. We are with you from start to finish to customize our solutions to fit your needs and positively impact safety and productivity on your job site. Your Southwire Contractor Solutions Professional (CSP) will be fully dedicated to help with your project needs, no matter the phase. Our CSPs provide services from consulting on layouts and pulling calculations to providing recommendations on proper tools and the most efficient installation techniques.



Southwire's CableTechSupport™ Services team is comprised of elite engineers with expertise in power, electrical, mechanical, civil, chemical, polymer science, industrial, and nuclear engineering, with depth of skill and the ability to respond with innovative solutions for your most complex and mission-critical challenges.

Onsite Engineering Services

Questions often arise once materials are onsite. Southwire's CableTechSupport™ Services application engineers are available to provide expert advice and customized solutions, ensuring that each project is optimized for performance and cost-effectiveness. This includes working onsite alongside engineers during the installation process to support the success of your project.





Turning “No Quote” Into “No Problem”

Southwire *SPEED*™ Services offers a variety of solutions based on your urgent needs. Whether it is a made-to-order product that requires customization, a reduced lead time or minimum order quantity, or a made-to-stock product that requires shipment today or specific delivery expectations, our concierge customer specialists will provide options to meet your needs all from one U.S. manufacturing source.

Made-to-Stock

Includes real-time pricing and availability information, same day or next day shipment as well as one-hour guaranteed pick-up options, and manufacturer direct, cut-to-length service.

Made-to-Order

Includes flexible minimum order quantity, flexible lead time, creative solutions for special construction needs, and a dedicated team supporting you along the way.

Project Services

Utilizes our 70+ years of industry knowledge and expertise. We can offer unmatched customer support from engineering, to project management, to education.





OUR COMMITMENT TO SUSTAINABILITY

Southwire technologies are playing a leading role in electrifying the planet. We continually innovate products, solutions and services that enable our customers to deliver value across a range of industries. The foundation of this work is a strong commitment to operating in a way that is environmentally and socially responsible. Guided by our core tenets, we are positioning our company for generational sustainability while helping our customers power transformation worldwide.



GROWING GREEN



LIVING WELL



GIVING BACK



BUILDING WORTH



DOING RIGHT



RESPONSIBLY
PRODUCED
COPPER

DRIVE SUSTAINABILITY THROUGHOUT THE COPPER VALUE CHAIN

The Copper Mark is the leading assurance framework for promoting the responsible production, sourcing and recycling of metals. Three of Southwire's manufacturing sites – Denton, TX; Bremen, IN; Lafayette, IN - have received The Copper Mark. Sourcing products from manufacturing sites assured by The Copper Mark can help you meet your responsible sourcing goals, mitigating risk in your value chain, and ensuring that the products you purchase were produced according to a best-in-class industry standard of environmental sustainability, social responsibility, and human rights protection.



**Environmental
Product
Declaration**



USGBC
MEMBER

Currently, over 90% of our wire and cable product categories sold have independently verified Environmental Product Declarations (EPDs) to support product transparency and LEED certification efforts. Southwire is a U.S. Green Building Council (USGBC) Member.

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Southwire®

WE DELIVER POWER... RESPONSIBLY

YOUR PARTNER OF CHOICE



Recognizing private company success
GOLD WINNER



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