



Microgrid Solutions

By combining end-to-end microgrid capabilities, reliable products, and extensive experience, **S&C leads the industry in integrating complex microgrids.**

30+

microgrid projects

100+

total generation sources in all projects

174,000+

customers benefiting from S&C microgrid solutions

105+ MW

generation supported in microgrids

75 Million

customer minutes in online microgrids

S&C is the industry's only true microgrid integrator.

The Integrated Microgrid

S&C uses the best equipment, controls, and services to deliver all 12 major microgrid components.



EQUIPMENT



SERVICES



CONTROLS

Microgrid Controller

The **S&C IPERC GridMaster[®] Microgrid Control System** controls, monitors, and communicates with any piece of power generation, load, and distribution equipment in the industry. The controller is IEEE 2030.7 compliant.

Renewables

7 GW of installed equipment and engineering

Protection & Control

Gensets

Energy Storage

189 MWh across 49 grid-scale projects using 12 different battery suppliers on 5 different continents

Engineering Design

300+ engineering professionals

Islanding

11 MW-scale islanding projects using 9 different switches

Cybersecurity

Switchgear

Manufacturing switching & protection equipment for 100+ years

Project Management & Construction

65+ major projects in last 5 years

Maintenance

5 regional service centers

24/7 Monitoring

100+ locations monitored worldwide



All applicable utility, military, and cybersecurity standards met or exceeded.



7 layers of cybersecurity defense to protect the core code and microgrid—most industry control systems only have a firewall.



The only integrator to receive an **Authorization to Operate (ATO)** from the US Department of Defense.



2,000+ control points and values processed every 2 seconds across all existing microgrid projects.

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