

# Radio Communications Services

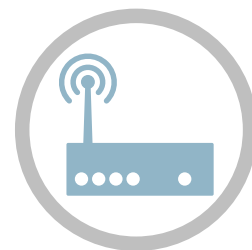
for S&C SpeedNet™ Radios and associated products



## THE CHALLENGE

**DEPLOYMENT SUCCESS:** When tasked with deploying reliable radio systems for advanced automatic restoration, SCADA, and other evolving grid applications, utilities have much to do with limited resources. Successful radio system deployments require specialized personnel to get the job done. S&C recognizes this challenge and is dedicated to helping utilities deploy their radio systems right the first time.

**LONG-TERM SUCCESS:** Communication network performance degrades over time due to changes in the environment and network growth. These issues can negatively affect grid reliability. To mitigate these issues, S&C provides comprehensive services to maintain long-term success.



## KEYS TO SUCCESSFUL DEPLOYMENTS

### Radio System Design

A radio system design is done before deployment to estimate the number of radios required and their locations for optimal signal coverage and data traffic capacity.

### Radio Field Survey

This service verifies the number of radios and their locations by making field measurements, ensuring the selected radio locations will provide the desired signal coverage when deployed.

### Radio Network Tuning

Radio network tuning optimizes radio settings that are critical to achieving highly reliable radio communications. Tuned radio networks deliver the trouble-free performance that system operators expect.



## KEYS TO LONG-TERM SUCCESS

### Communications Optimization

Radio network performance degrades over time as foliage grows and networks expand. Network optimization readjusts key parameters to compensate for these changes and restores the system to full operation.

### 24/7 Remote Monitoring

S&C's Global Support & Monitoring Center is staffed 24/7 by experts who proactively monitor radio status in the field. They respond to warnings before they become critical and alert customers if issues arise.

### Extended Warranty

To help extend the life of your S&C communications equipment, S&C offers an extended warranty that can be tailored to your needs for up to five years. Warranty includes equipment repair and replacement.

#### Notes:

S&C can provide additional services such as commissioning, installation support, and training.

Warranty excludes consumable parts (i.e. batteries) and tuning or adjusting of the radio network as a result of warranty repair or replacement.

**Contact your S&C sales representative to learn more,  
or email [BusinessDevelopment@sandc.com](mailto:BusinessDevelopment@sandc.com)**