



Cybersecurity

Power & Utilities

Helping LDCs better serve their communities

Cybersecurity of local distribution companies (LDCs) is only as strong as the weakest link and a vulnerability on one local distribution company (LDC) could bring down the entire provincial network, causing untold damage to businesses, communities and the economy at large.

Digitalization initiatives and the expansion of remote workforces have transformed enterprises, causing once-isolated operational technology (OT) environments to become interconnected with their information technology (IT) counterparts. The result is the rise of converged IT/OT industrial networks with complex and expanded attack surfaces that IT security teams are increasingly responsible for protecting. The challenge is the OT portions of these industrial networks typically comprise proprietary protocols and unfamiliar assets, making them incompatible with IT security tools and invisible to IT security teams.

To help mitigate these risks, the firm has assembled an experienced team capable of delivering a specialized set of cybersecurity services geared specifically towards power utilities. Grant Thornton can provide utility-specific assessment services using frameworks such as NIST CSF, C2M2, NIST SP800-82R2 as well as benchmark against NERC CIP. We also provide tactical solutions such as the deployment of OT passive monitoring solutions allowing full visibility securely over a utility's OT network.

Below are some recent engagements where we provided advisory services:

Cyber Assessment Solutions

IT/OT Cybersecurity maturity assessments – utilities focused frameworks (i.e. C2M2, NIST CSF, ISO 27019, NISTIR 8259)

Cybersecurity compliance (NERC CIP)

Architecture assessment (NIST SP800-82R2, SP 800-213)

Tactical Cyber Assessments

OT passive asset discovery and vulnerability assessment

OT/IT penetration testing

Red Teaming and social engineering

Table-top and simulation exercises

Cyber Strategy & Transformation

Passive monitoring solutions

3rd party Security Program Assessment and Design

Cyber risk management, target operating model, and cyber program development

Cybersecurity Metrics and audience specific reporting

Digital Identity Services

Secure remote access solutions

Privileged account management implementation

Role based access control implementation

Identity services key performance & risk indicators

Cyber Breach Response

OT/IoT Incident response plan development

Business continuity / disaster recovery

Breach coaching

Breach response

Forensic investigation

Litigation support

Contact us to find out how we can help you



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