45%

STRATEGIC ADVISORY

Cybersecurity Services

As a cybersecurity consultant for electric utilities, PSC helps protect your critical infrastructure from cyberattacks, reduce operational risks, and comply with regulatory standards.

Protecting your investments

We have extensive experience and expertise in the electric sector and use the latest tools and techniques to assess, monitor, and improve your cybersecurity posture. Whether you need a vulnerability assessment, penetration test, security audit, or customized solution, PSC can provide high-quality, cost-effective services that meet your business needs and goals.

We've built our reputation as a trusted advisor in the global energy sector by approaching every project from our client's point of view, understanding their optimal outcome and respecting their business environment. Utilizing our cybersecurity services, you can expect:

- Enhanced operational efficiency and reliability by preventing or minimizing the impact of cyber disruptions on power generation, transmission, distribution, and customer service.

- Managed security and compliance risk by identifying and mitigating the cyber threats and vulnerabilities that pose the greatest danger to the utility.

- Improved reputation and trust by demonstrating a proactive and robust approach to cybersecurity to customers, regulators, investors, and partners.
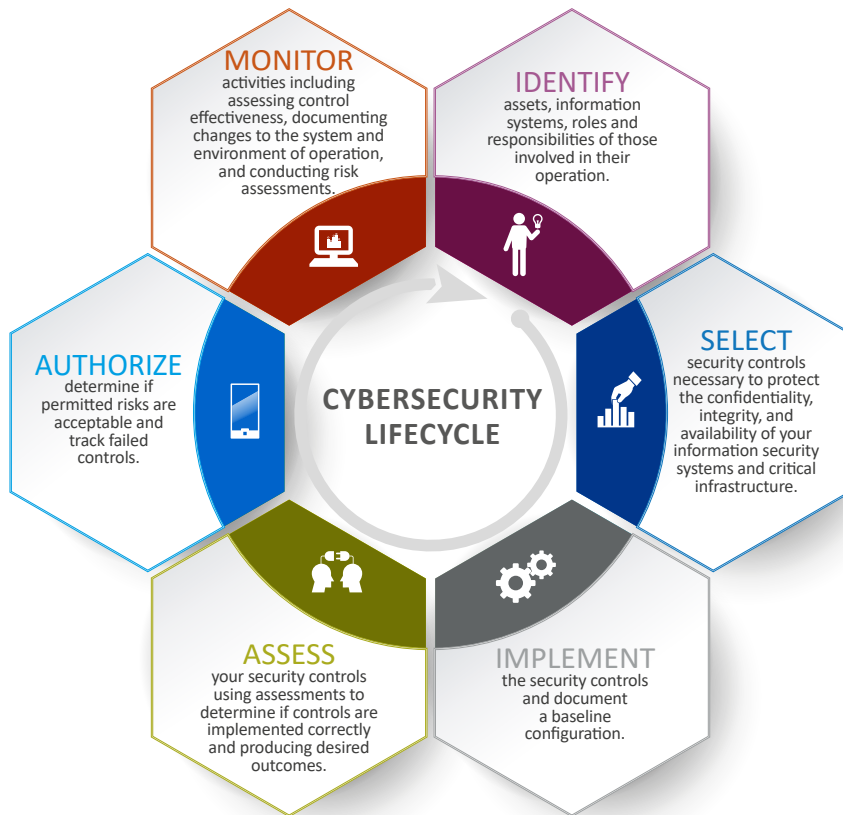
Our cybersecurity capabilities

- Cybersecurity risk and gap assessments

- Cybersecurity program development

- Cybersecurity governance and compliance

- Cybersecurity program and project management

- Vulnerability management and remediation

- Threat monitoring

- Cybersecurity testing and cyber defense assessment

- Security awareness training program and testing

- Incident response and cybersecurity playbook reviews and testing

- Business continuity and disaster recovery reviews

- Cybersecurity architecture and design reviews

Our cybersecurity lifecycle approach

Our lifecycle approach to cybersecurity helps you build a resilient and adaptive security program to address evolving cyber threats and challenges. PSC's lifecycle methodology is structured and grounded in best practices, yet flexible. It's based on your needs around consolidation, optimization and standardization of your systems, applications and services. The cybersecurity lifecycle and its stages apply universally to all IT and OT environments.

Cybersecurity lifecycle

MONITOR
activities including assessing control effectiveness, documenting changes to the system and environment of operation, and conducting risk assessments.

IDENTIFY
assets, information systems, roles and responsibilities of those involved in their operation.

AUTHORIZE
determine if permitted risks are acceptable and track failed controls.

CYBERSECURITY LIFECYCLE

SELECT
security controls necessary to protect the confidentiality, integrity, and availability of your information security systems and critical infrastructure.

ASSESS
your security controls using assessments to determine if controls are implemented correctly and producing desired outcomes.

IMPLEMENT
the security controls and document a baseline configuration.

- **Identify** assets, information systems, roles and responsibilities of those involved in their operation.

- **Select** security controls necessary to protect the confidentiality, integrity, and availability of your information security systems and critical infrastructure.

- Implement the security controls and document a baseline configuration.

- **Assess** your security controls using assessments to determine if controls are implemented correctly and producing desired outcomes.

- **Authorize** - determine if permitted risks are acceptable and track failed controls.

- Monitor activities including assessing control effectiveness, documenting changes to the system and environment of operation, and conducting risk assessments.

Global energy specialists you can trust

We bring expert strategic advice to all aspects of energy assets and electricity. We help you plan, implement and operate utilities and energy companies and skillfully counsel you on all issues you deal with. Our trusted senior consultants bring global exposure and in-depth knowledge of emerging energy topics to your organization to aid you in your mission-critical business.

CONTACT US