ISO/IEC 27019:2024 — Information security, Cybersecurity, and Privacy protection

From power generation to distribution, the energy sector is powered by digital systems. But as automation becomes more common, cyber threats also increase. [ISO/IEC 27019](#) can be helpful in this regard.

This standard was developed for energy companies to protect their control systems and guarantee continuous, safe operations. Organisations can reduce disruptions, stay with regulations, and build trust with their clients and partners.

ISO/IEC 27019: What is it?

ISO/IEC 27019 was developed to help energy companies protect their operational control systems against possible cyberattacks. From generation to delivery, these systems maintain a consistent flow of electricity.

The standard defines simple, achievable processes for securing critical components, including control panels, automated software, and the technology that powers plants and power grids.

The focus of ISO/IEC 27019 is what differentiates it. This model is specific to the energy sector, which suggests that the proposals directly address the problems that power companies deal with on a daily basis.

In a world where cybersecurity is just as important as physical infrastructure, following this standard helps reduce downtime, avoid significant failures, and—above all— uplifts the organization's reputation.

Benefits of ISO/IEC 27019

Using ISO/IEC 27019 in practice offers energy businesses practical, operational advantages in addition to providing a security framework. Here's how:

- Stronger protection for control systems and automation technologies.
- Less risk of service interruptions or technical failures.
- Alignment with both national and international cybersecurity requirements.
- A reputation boost with clients, regulators, and partners.
- Better preparation through regular assessments and early threat detection.

Which industry gets benefits from ISO/IEC 27019?

- Companies that produce electricity.
- Operators of transmission systems.
- Electricity distribution companies supply homes and businesses.
- Operators of gas pipelines.
- Suppliers of Industrial Control Devices.
- Businesses are in charge of an intelligent electrical grid that utilizes renewable energy sources.

Why choose us?

SQC Certification is a trusted partner for ISO/IEC 27019 Certification. Our approach makes the process simple and easy.

Our strengths are:
- Experienced auditors.
- Specific guidance based on the goals, size, and structure of your company.

- Accredited certification to increase your reputation.

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