



**SECURE YOUR ENERGY**

# Evolving Threats & Regulations



US energy and utility sectors face increasing cyberattacks due to new technologies and connected systems. At the same time, strict government rules and regulatory requirements are always changing, making it harder for companies to keep up and stay safe.

**62%**

US and UK utilities affected by cyberattacks, 80% attacked multiple times

**300%**

Increase in Chinese cyber espionage operations against industrial sectors in 2024

**\$5.56M**

Average cost of a data breach for organizations in the energy industry in 2024

**4 Days**

Frequency of cyber or physical attacks on the US power grid.

# Solution

Argen Energy's AI-driven platform delivers **proactive, real-time cyber defense** tailored for the unique complexities of Operational Technology (OT) within energy and smart grid infrastructure. Our **intuitive and user-friendly interface** simplifies threat detection and regulatory compliance, ensuring uninterrupted operational resilience and security for your critical grid systems, even for operators without extensive cybersecurity experience.



**Vulnerability  
Assessment &  
Management**



**AI-Driven Threat  
Detection**



**Asset Discovery and  
Management**



**Automated  
Compliance  
Monitoring**



**Reporting and  
Audit Trail**



**Dedicated AI  
Engine for Smart  
Grids**

# How It Works

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Our platform employs a **dual approach** to secure your OT and smart grid infrastructure, focusing on both proactive cybersecurity and automated compliance:

- **Cybersecurity:** We perform **agentless network scanning** to continuously identify vulnerabilities, discover assets, and detect anomalies across the operational environment. Our innovative detection engine combines advanced machine learning analytics with industry-recognized frameworks such as **MITRE ATT&CK for ICS** and **official CISA ICS** plugins, delivering unmatched accuracy and adaptability to evolving threats.
- **Compliance:** The system analyzes network data and organizational documents to verify adherence to **NERC CIP** and other critical standards, streamlining compliance reporting and audits.
- **Flexible Deployment:** The software can operate **fully on-premises (air-gapped)** or in a **hybrid configuration** using secure connection to our cloud servers, adapting to your operational requirements.

# Why Choose Argen Energy?

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- **Enhance Grid Security:** Proactively defend against cyber threats and minimize attack surface.
- **Reduce Compliance Costs & Effort:** Automate manual tasks, streamline audits, and ensure continuous compliance.
- **Exceptional Ease of Use:** Our extremely user-friendly interface allows seamless operation and monitoring by personnel without extensive IT or cybersecurity experience, reducing training burdens and empowering your existing team.
- **Improve Operational Resilience:** Minimize downtime risk from cyber incidents.
- **Gain Actionable Insights:** Make informed decisions with real-time security and compliance data.
- **Mitigate Financial & Reputational Risk:** Avoid penalties and protect stakeholder trust.

# Secure Your Grid's Future Today

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Designed for Transmission System Operators, Distribution System Operators, Utilities, IPPs and Municipal Power Providers operating smart grid infrastructure.

Ready to enhance your cybersecurity posture and streamline compliance?  
Contact us for a consultation.

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