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Cyber Security

EnerNex utilizes industry best practices to tailor a real-world solution for your organization's specific business needs. Our significant leadership in building industry consensus for security requirements and guidelines through collaborative projects provides a unique opportunity for our clients to drive the evolution of the **Smart Grid**.

EnerNex is well-positioned with memberships in the industry's key standards-making groups to provide services and solutions for **security policy and architecture development**. In addition, we have proven experience in regulatory issues and are performing ground-breaking work in utility communications security architecture.

We can work in collaboration with your organization's security department because we understand both the *technology of information security and the demands of the power industry*.

EnerNex Experts

We are actively involved in the development of standards and protocols designed to enhance cyber security:

- ▶ Partnership with AMI Security Acceleration Project (ASAP) to develop AMI System Security document
- ▶ Distributed Network Protocol (DNP3)
- ▶ Editors for DNP3 Secure Authentication
- ▶ IEC 62351: Utility Data Communications Security
- ▶ Currently editors for Part 5: Security for IEC 60870-5 and derivatives
- ▶ Contributors for Parts 3, 4 and 6: Security for IEC 61850

EnerNex

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Cyber Security

EnerNex Expertise

Our experience in the **development, implementation and optimization** of utility communication and control systems includes:

- ▶ Feasibility Analysis
- ▶ System Design
- ▶ Software Development
- ▶ Software Customization
- ▶ Project Management
- ▶ Acceptance



EnerNex has experience in **Security Architecture Development** — we can design a technical solution to solve your security problems. In addition, we have expertise in **Security Policy Development** — we can develop effective security policies tailored to your organization’s needs.

Our Services

EnerNex is a research, engineering, and consulting firm specializing in the development and application of new electric power technologies. Our focus is to aid in the understanding and solution of electric power related issues, as well as the development of technology and expertise that will ultimately improve the operation and reliability of electric power systems. We offer services organized around these areas of emphasis:

- ▶ Power Systems Analysis
- ▶ Wind Integration
- ▶ Information Security
- ▶ Systems Monitoring & Analysis
- ▶ Testing and Research & Development
- ▶ Smart Grid Development
- ▶ Advanced Metering Infrastructure
- ▶ Utility Communication Architecture & Implementation
- ▶ Utility Automation
- ▶ Demand Response & Energy Efficiency

