

Continuous Monitoring and Incident Response

Developing robust cyber continuous monitoring and incident response capabilities is mission critical to energy-related operations in today's digital age.

As one of the world's largest clean energy suppliers, AREVA is fully committed to safety, quality, performance and delivery — the pillars of all of our activities. We bring this framework of operational excellence to the cyber security products and services we offer to the energy sector to help you secure the future.

Proven Track Record

The AREVA team has a proven track record deploying continuous monitoring and incident response solutions that provide the highest return with the lowest plant impact. The AREVA team's approach to delivery is founded on decades of experience delivering world class security monitoring, configuration management, and incident response services to our nation's Critical Infrastructure, Department of Defense, Intelligence Community, and Federal Agency mission networks.

We fully understand the mission criticality and sensitivity of these networks, and we have developed tailored security solutions that introduce zero risk to continued infrastructure operation while securely laying in a monitoring infrastructure that enables automated collection of network traffic, data, and system configuration details for monitoring, risk assessment and support for timely and effective incident response.

Our overall service delivery approach can help centralized monitoring and cyber security response architecture supporting monitoring, system issue alerts, vulnerability advisories, reporting, log management, log parsing, and log analysis for process systems. The monitoring and analysis devices flag suspicious events and can send alert notifications to our 24x7x365 Incident Response Center for initial incident assessment, notification to personnel, and incident analysis to support incident response.



The AREVA team brings with it, knowledge and experience in industry and regulatory positions, IDS/IPS, Web Security Gateways, firewalls, networking, multiple Operating Systems, risk assessments, vulnerability management and network security. In addition, the project team has extensive commercial nuclear experience with Supervisory Control and Data Acquisition (SCADA) Systems, Programmable Logic Controllers, and Distributed Control Systems (DCS).

AREVA is a proven cyber security partner — bringing a holistic engineering perspective to ensure cost-effective protection and regulatory compliance.

We Offer:

The Expertise You Require:

The AREVA team comprises industry recognized experts in nuclear plant engineering, security (cyber/physical), Software Quality Assurance, Verification & Validation and regulatory affairs.

A Pragmatic and Cost-Effective Approach:

Our diverse capabilities enable us to take a holistic approach to cyber security plan implementation, ensuring that you can fully leverage existing plant protections and integrate only those necessary while minimizing disruptions to plant operations.

A Single Point of Accountability:

AREVA has developed a robust supply chain to deliver a comprehensive suite of proven security solutions focused on minimizing your total cost of ownership.

A Proven Team Member:

The AREVA team provides various levels of cyber security support across the U.S. nuclear fleet. We have earned a reputation for operational excellence. We bring to bear all the lessons learned and best practices developed over time to each new engagement.

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Benefits of a Continuous Monitoring Solution

- Efficiently addresses required cyber security controls
- Cost-effective
- Inherently low-risk
- Proven technology in critical federal agency installations
- Focused on passively monitoring network traffic for signs of cyber attacks
- Provides an efficient foundation for capabilities extension
- Supported by an experienced project team with decades of combined experience

Benefits of an Incident Response Solution

- Lower performance risk and higher customer satisfaction
- Complete and consistent, NRC/NEI compliant, incident response policy and procedures
- An independent and trained response team providing consistent and repeatable response to threats and incidents
- Systematic flexible training programs
- Forensic analyst experts providing quick, as needed, forensic capabilities
- Incident response certified resources

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