DEPENDABLE SCADA SECURITY

ORCHESTRATED BY CDW

SCADA systems are becoming increasingly interconnected with IT systems and the IoT as energy and utility companies strive to improve efficiency and profitability through greater automation and better data analytics. While interconnectivity delivers substantial benefits, it also dramatically raises network vulnerability to cyberattack – especially when the influx of mobile devices, the growing reliance on the cloud and the prevalence of highly sophisticated security threats are added into the mix.

To manage the escalating risk and protect this critical infrastructure, you need a comprehensive, multilayered strategy that encompasses threat checks and security assessments, as well as technologies such as next-gen firewalls, multifactor authentication, enterprise device management and network monitoring.

Considerations for Protecting Critical Infrastructure:

Safeguarding your valuable infrastructure, network and data assets is essential to preventing costly data theft, operations disruption and equipment damage. Ask yourself:

- ☐ In what ways have you begun integrating your SCADA systems with your IT systems?
- ☐ Do your SCADA components have integrated security protocols?
- ☐ How quickly do you think you could detect a cyberattack if and when one should occur?
- ☐ Have you migrated any data or applications to the cloud?
- ☐ Do you have a security policy that is consistently enforced, even with vendors, suppliers and contractors?
- ☐ Do you conduct regular cybersecurity awareness training for all employees?

Learn more about how to effectively manage risk in today's challenging, constantly changing threat environment. Visit **biztechmagazine.com/energy-utilities**.

CDW PEOPLE WHO GET IT

KEY COMPONENTS OF A POWERFUL SECURITY STRATEGY

CDW understands that combatting today's pervasive cyberthreats demands an integrated, multifaceted approach. You need the ability to defend your SCADA infrastructure, network and data against threats; detect and respond quickly when attacks occur; remediate effectively post-attack to ensure uninterrupted operations; and comply with international and national requirements.

Our security experts work closely with you to orchestrate comprehensive solutions that include:

SECURITY ASSESSMENT. Managing risk begins with a clear understanding of SCADA environment vulnerabilities. A thorough security assessment includes:

- Physical security audit
- Risk analysis of network-connected assets and applications
- Standards-based operational framework gap analysis
- Compliance assessment

THREAT CHECK. Active malware detection takes threat prevention to the next level by determining the most critical risks your network faces. The threat check encompasses:

- Passive network monitoring
- Endpoint monitoring
- Detection of infected clients
- Detection of botnets

SECURITY DESIGN AND ARCHITECTURE. To thwart attacks and minimize the impact should an attack occur requires security for every layer of the SCADA system and network as well as endpoint devices. This includes:

- Breach containment
- Identity and access management
- Next-generation firewalls
- Multifactor authentication
- Enterprise device management

SERVICES. CDW supports you every step of the way, from initial risk assessment to selecting and supporting the right solutions. Our security services include:

- Network, security device, firewall and router remote configuration
- Configuration review of various platforms
- Cloud-based Security Information and Event Management (SIEM)
- Security remediation planning and roadmap

ORCHESTRATING THE SOLUTION

We leverage nearly three decades of energy and utilities industry experience, along with our partnerships with the world's leading IT innovators, to help you better manage risk. Our security solutions experts take full advantage of the latest technology to identify your vulnerabilities, strengthen your defenses and protect your SCADA systems.

Request a free security scan at **CDW.com/threatcheck** or contact your CDW account manager at **800.800.4239.**

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