INFOSIGHT®

PROTECTING CRITICAL INFRASTRUCTURE AGAINST THREATS

SUPERVISORY CONTROL AND DATA ACQUISITION - SCADA

Reducing the Risk of Compromise of Information Control Systems

SCADA systems are widely used around the world by utilities and industries where equipment functions must be closely monitored and controlled automatically. With advancements in technology, more is expected of SCADA and closed networks have moved to open systems, which not only enables the ease of remotely controlling and regulating industrial control systems, but also opens avenues for sabotaging these systems via cyber-attacks.

The Internet of Things (IoT) further complicates matters as SCADA is expected to deliver legacy source data seamlessly while supported by a combination of modern and aging parts. Without the tools necessary to protect themselves, many SCADA platforms are vulnerable to attack.

The main vulnerabilities of SCADA systems lie in the fact that we've taken something of very limited control, and have connected it to the Internet which is accessible by many other people. More people have access to the SCADA system than was ever intended. Additionally, special purpose operating systems are no longer developed for SCADA. Instead, standard vendor operating systems are used which include inherent vulnerabilities.

Protecting the entire critical infrastructure against all risks is impossible, not only for technical and practical reasons, but also because of costs. As such, the greatest vulnerabilities need to be identified; those structures that are more critical, or vital points within the infrastructure.

With inevitable attacks on the horizon, security officers in critical infrastructure face multiple pressures -- internal and external -- that affect business priorities. Most say their organizations are unaware or unsure of potential vulnerabilities or they doubt the effectiveness of their security systems.

InfoSight® helps asset owners defend their critical infrastructures from emerging cyber threats with the following services, and more.

- SCADA Penetration Testing
- Risk Management
- Application & Database Vulnerability Testing
- 24X7 Managed Security Services & SIEM
- Disaster and Recovery Assessment
- Vulnerability Assessments
- Social Engineering
- Employee Security Awareness Training
- Advisory Services / Consultation
- Security Policies & Procedures Updates

No organization is immune to cyber-attacks, but a proactive, all-encompassing strategy can eliminate many threats. To provide the swiftest incident response and recovery possible, preparation and planning are essential. At a time when one small exposure can devalue an organization's brand, getting security right is imperative.

If your business demands the utmost in mission-critical security, resiliency, availability, and scalability, InfoSight® can help. Let us help align security with your business strategies and goals. **To get started, call or email us today.**

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