

ICS AND IIOT SERVICES



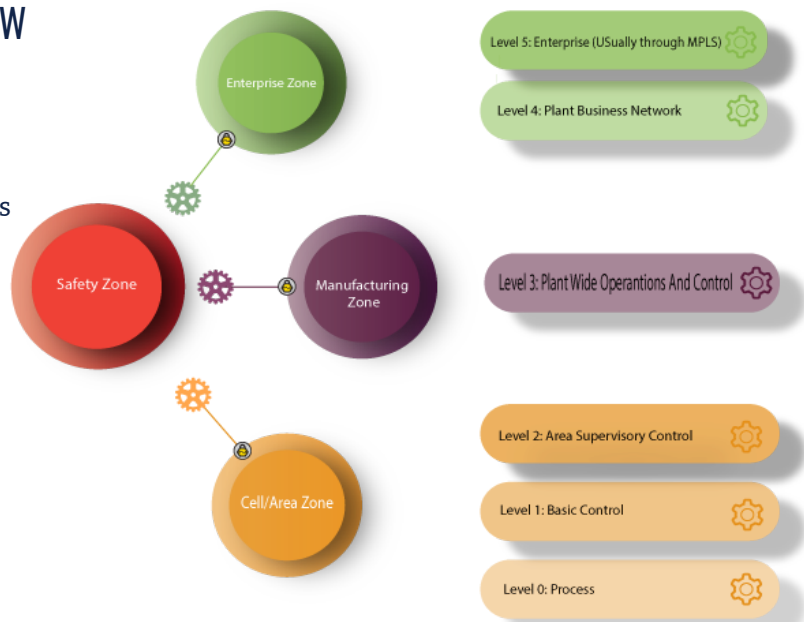
InGuardians Utilisec team brings decades of deep technical and executive experience to bear on ICS and Smart Grid projects. Our experience ranges from low-level hardware analysis to national policy development. InGuardians Utilisec Team members have built the tools, developed the methodologies, and deliver the training that our industry uses to test ICS environments. Our core services in ICS are hardware analysis, security architecture reviews, and custom training

CUSTOM TRAINING

For over eighteen years, InGuardians trainers have set the standard for excellence in the information security industry. We have helped author and deliver some of the most popular courses at The SANS Institute, Black Hat, Cansec, Interop, RSA, IDA, Distributech, and on site for private customers. Contact us to get started on creating a customized training experience for your team.

SECURITY ARCHITECTURE REVIEW

The threat landscape facing organizations today requires a defensible architecture complete with preventative controls and detailed monitoring capabilities. InGuardians security architecture services leverage IEC 62443, NIST 800-82, NIST 800-53, and NIST CSF to help your team defend your enclave, deter threats, and dominate your control networks. InGuardians is also expert at identifying secure remote access solutions to keep your remote operations as resilient as possible to malicious breach.



HARDWARE ASSESSMENTS

InGuardians leads the industry in defining best practices for testing and deploying network-connected devices. InGuardians' team of hardware hackers brings over a decade of experience assessing securing Industrial Control System controllers, field devices, and Internet of Things devices. Contact us to test your hardware devices before you deploy them or integrate them into your solution.

INTERNAL ASSESSMENTS

The old adage "hard and crunchy on the outside, soft and chewy in the middle" was never more true than with ICS networks.

InGuardians is expert at leveraging IEC62443's cyber security enhanced Purdue model to identify techniques and methods to make your soft and chewy middle much less soft and chewy, with a strong emphasis on having no negative impacts on the safety and reliability of your processes.

PRODUCT REVIEW

InGuardians excels at assisting ICS customers identify, review, and test security defenses in new products during solution acquisition, FAT, and SAT testing. This includes such systems as master servers, historians, HMIs, controllers, and field devices.

WIRELESS ASSESSMENTS

Wireless comes in many more flavors than WiFi and Bluetooth, especially in ICS and IoT solutions. InGuardians has helped create the industry's methodology for performing audits to discover deployed wireless solutions and assessing those wireless networks for security vulnerabilities, regardless of wireless protocols used, standard-based or proprietary.

CODE AUDIT

Our consultants guide businesses in how to remediate vulnerabilities in their applications and develop secure coding programs.

InGuardians' agents are experienced at static, dynamic, and binary code assessments to aid you in every step of your software security lifecycle.

INCIDENT RESPONSE

It is no longer a question of if, but when you will be breached. Most organizations are ill equipped to handle their own breach investigations. During the past sixteen years, InGuardians has helped over one hundred Fortune 1000 companies recover from serious compromises. The process of containing the breach and eradicating the attackers' access is often a daunting one. InGuardians Incident Response Team has the experience to help your organization recover.

OUR SERVICES

- Security Architecture Review
- Penetration Testing
 - Red Team
 - Internal
 - External
 - Web Application
 - Wireless and RF
 - Mobile Application
 - Physical
 - Kubernetes
- Social Engineering
- Hardware and IoT
- System Hardening
- Threat Hunting
- Purple Team
- Public Cloud Security
- Container Security
- Custom Training
- Configuration Review
- Policy Development and Review

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