

IEC 62443 Gap Assessment Datasheet

Business Challenge

In order to comply with the emerging security requirements in IEC 62443, industrial automation manufacturers, system integrators and service providers need to gain a clear understanding of the gaps in their security practices to address vulnerabilities.

Solution

Wurldtech's **IEC 62443 Gap Assessment** is a comprehensive assessment that helps system integrators understand the gaps in their security practices to enhance and align their processes to IEC 62443. In addition, the assessment helps device manufacturers achieve Achilles Practices Certification to validate to their customers that their product development, deployment and integration processes follow industry best practices for security.

Benefits

- **Enables compliance efforts** with process improvement recommendations that align with IEC 62443
- **Improves product security** by addressing product weaknesses during development to reduce the risk of a public breach, while reducing the cost of remediation risks found after product deployment
- **Assists in achieving Achilles Practices Certification** by working with our security analysts and their deep knowledge and understanding of the certification process

IEC 62443 Gap Assessment

As the number and sophistication of industrial cyber attacks are increasing, system operators need to secure their industrial networks. Many are demanding that their vendors meet international standards for security in their products. And yet, for device manufacturers, understanding compliance requirements can be difficult—especially for the emerging IEC 62443 standard.

Challenge

Device manufacturers, system integrators and service providers of critical infrastructure need actionable recommendations to prepare for compliance with rapidly emerging standards such as IEC 62443.

Device manufacturers also need to identify remediation tasks and efforts to prepare for Achilles Practices Certification, in order to validate to their customers that they follow industry best practices for security during product development, deployment and integration.

Solution

Wurldtech's IEC 62443 Gap Assessment is a comprehensive evaluation that helps industrial automation manufacturers and system integrators of critical infrastructure understand the gaps in their security posture and align their practices to IEC 62443 requirements. In addition, Wurldtech's security analysts can help device manufacturers achieve Achilles® Practices Certification, the official validation for meeting WIB/IEC 62443 requirements. Automation manufacturers use this certification to show their customers that their product development, deployment and integration processes follow industry best practices for security.



Features

The IEC 62443 Gap Assessment includes an analyst conducting a custom appraisal for a product and its development organization. The portions of the assessment include:

- **Preparation:** Wurldtech analysts will conduct an interactive workshop on IEC 62443 cyber security requirements relating to the customer's needs
- **Information gathering:** Scope the solution and gather documentation
- **Interviews and inspection:** Assess the solution's readiness against IEC 62443 requirements
- **Findings report:** Document gaps in security and recommend mitigations to facilitate IEC 62443 alignment

BENEFITS

Enables compliance readiness

Aligns your process specifically with IEC 62443

Aids in certification preparation

Helps achieve Achilles Practices Certification

Reduces cost

Addresses security issues, goals and objectives early in the product lifecycle

Creates a competitive advantage

Demonstrates leadership in enabling customers to meet security objectives

DELIVERABLES

Workshop

Covers:

- IEC62443 requirements
- Customer responsibilities
- APC process

Report

Includes:

- Solution scope
- Requirement applicability
- Gap assessment summary
- Prioritized mitigation recommendations

Gap assessments help to better understand an organization's current security posture. They deliver actionable results to address vulnerabilities and align practices with IEC 62443.

Wurldtech customers include 5 of the top 6 super-major energy companies, and 9 of the top 10 automation vendors.

The Wurldtech Advantage

All Wurldtech assessments are based on international best practices, standards and our proprietary methodology. The comprehensive reports include actionable insight covering gaps in security procedures and standards compliance, as well as remediation recommendations to immediately improve security.

Wurldtech's deep experience extends beyond secure product development. It also includes the detailed analysis of the most extensive set of devices and systems from all of the major critical infrastructure manufacturers. The analysts' broad skillsets includes hardware reverse engineering, tool development, non-IT and OT communications, extensive security and ICS domain knowledge, as well as analysis from local and remote perspectives, vulnerability analysis and exploit development. Wurldtech customers include 5 of the top 6 super-energy companies and 9 of the top 10 automation vendors.

Summary

For critical infrastructure manufacturers, system integrators and service providers, Wurldtech's IEC 62443 Assessment supplies a comprehensive evaluation of the security practices within the secure development lifecycle. It helps them to align with IEC 62443 requirements or successfully achieve Achilles® Practices Certification. Wurldtech assessments are delivered by experienced industry experts who have contributed and authored the IEC 62443 standard, and developed the Achilles Practices Certification process and requirements.

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NEXT STEPS

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