

Business challenge

Critical systems are increasingly interconnected, exposing industrial control equipment and SCADA systems to a greater threat of network-based cyber incidents.

Solution

Wurldtech's Site Security Health Check provides system operators with an overview of the security posture of their processes, architecture, and technology. It can help to determine the need for more comprehensive and in-depth assessments.

Benefits

- **Provides a rapid security snapshot** to quickly identify and understand potential risks that can impact critical production systems
- **Improves overall security** by evaluating people, architecture, and technology to identify weaknesses and mitigation strategies
- **Justifies further security efforts** with support from Wurldtech's informative report, which highlights areas requiring additional assessment

Site Security Health Check

Industrial control systems (ICS) and SCADA systems are experiencing a rapidly increasing rate of network-based cyber incidents, putting production, reputation, and profits at risk.

It is imperative that companies that rely on computer networks for industrial control system operations assess their current security health, understand potential security risks, and develop effective mitigation strategies.

To help mitigate risks and enable compliance, Wurldtech's security services offer assessments with actionable results, based on technical expertise developed over many years as a leader in industrial security assessments, protection, and certification.

Challenge

ICS networks are increasingly targeted for cyber attacks, and system operators are experiencing cyber incidents at an ever-expanding rate. Operators need to understand their current security status and develop a plan to improve their security health. They may also require justification and support for additional budget to conduct a more in-depth assessment.

Solution

Wurldtech's Site Security Health Check provides system operators with an overview of the security health of their processes, architecture, and technology. The findings can be used to determine areas requiring further risk mitigation, including the need for more comprehensive and in-depth assessments.

The Site Security Health Check is a rapid, economical engagement that follows a proven, repeatable methodology specially developed to evaluate the facility's security status. A security analyst will come onsite to complete the evaluation. This review enables system operators to better understand immediate risks and the next steps needed for an effective long-term strategy to improve their overall security health.



Features

Each health check is comprised of one analyst for one day at one individual site, and includes:

- **Information gathering:** Request relevant, customer documentation relating to people, architecture, and technology
- **Documentation review:** Analyze at a high level the documents detailing network configuration, topology, policies, and other relevant aspects unique to each customer
- **Interviews and inspection:** Meet on-site with subject matter experts (SMEs) to gain additional technical and contextual understanding not apparent from documentation reviews alone
- **Risk assessment:** Identify sources of potential vulnerability and determine general security posture
- **Findings report:** Share assessment findings observation

BENEFITS

Provides security posture visibility

Supplies an overview report that maps out the security posture and potential risks for the site

Enhances security

Identifies key risks and strategies to improve your security posture by applying industry best practices methodology

Justifies additional resources

Delivers a report of key findings that specify areas where further security analysis or a Site Security Assessment is needed

DELIVERABLES

Report

- Includes:
- Executive Summary
 - Assessment Methodology Overview
 - Assessment Observations

*Wurldtech
customers include
five of the top six
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The Wurldtech advantage

Wurldtech's industrial security experts have deep experience in critical infrastructure, including detailed analysis of the most extensive set of devices and systems from all major critical infrastructure manufacturers. This includes practical, hands-on experience conducting hundreds of on-site customer security assessments using Wurldtech's renowned methodology. The security analysts are also key contributors and authors of international standards, including IEC 62443. Our customers include five of the top six super-major energy companies and nine of the top 10 automation vendors.

With HUET/BOSIET, RigPass, and TWIC certifications, our analysts can conduct health checks anywhere, including production plants, remote sites, and even oil rigs at sea. Informative reports advise of gaps in security procedures and standards compliance, and generate results based on international best practices, standards, and Wurldtech's proprietary methodology.

Summary

Wurldtech's Site Security Health Check helps operators of industrial control systems gain a high-level overview of their current security health. The health check is delivered by experienced industry experts who have completed 200+ on-site assessments, enhancing our customers' security health and helping them align with OT security best practices based on industry standards.



COMPARISON OVERVIEW

Service components	Site Security Assessment	Site Security Health Check
Customer Goal	Comprehensive view of security posture	Rapidly gain high-level insight into current operational security posture
Assessment Methodology	Wurldtech Proprietary*	Wurldtech Proprietary*
Security Gap Analysis	In-Depth	Targeted
Architectural Review	✓	(Scaled)
DELIVERABLES		
Findings Report	✓	(Scaled)
Close-out Presentation	✓	
Detailed Asset Review Workbook	✓	
PROCESS		
Information Gathering	✓	✓
Documentation Review	✓	(Scaled)
Interviews & Onsite Inspection	Senior analyst, 2-days on-site	Analyst, 1 day on-site
Technical Testing	✓	
Offline Data Analysis	✓	
Risk Assessment	✓	(Scaled)
Risk Mitigation Recommendations	Prescriptive, detailed strategies	High-level general direction

* International standards-based

About Wurldtech

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