

BUSINESS CHALLENGE

Containing cyber threats in operational technology environments comes down to two things: security technology and security awareness. In many cases, understanding the real threats to production, operations and safety is missing, putting both in jeopardy.

SOLUTION

Wurldtech's Security Training Services provide professional security training and awareness for deep OT security understanding. These services help enable a more resilient security posture and stimulate long-term security improvement planning.

BENEFITS

- Enables fundamental cyber security awareness, from the shop floor to the executive suite
- Helps Identify core concerns and prioritize risks
- Helps establish a path for strategic planning and direction
- Increases awareness of security best practices
- Helps cultivate and articulate internal OT security needs

Security Training Services

Cyber Security Awareness for OT Environments

As operations become increasingly connected to the internet and integrated with IT networks, the vulnerabilities of production systems are being exposed to growing threats. IT security teams are struggling with the unique nature of OT environments and the critical assets that comprise them. Traditional information security and data protection strategies are inadequate when it comes to defending against an increasingly aggressive market of cyber threats. For large-scale operations, where cyber threats put production, safety and profits at risk, greater OT cyber security awareness across the enterprise is critical.

Wurldtech specializes in OT cyber security solutions that support growth and efficiency gained from the Industrial Internet. Our security products and services enable customers to identify and mitigate threats. Security Training Services provide solutions that are specifically designed to improve awareness across the enterprise, harden the attack surface and support a more proactive security posture. Greater awareness improves protection of vital equipment and processes, reducing disruption and protecting people and profits.

Challenge

As the Internet of Things (IoT) continues to expand, protecting operations and production infrastructure from cyber threat is a growing concern. In a recent SANS Institute study, 32% of respondents indicated their control assets had been infiltrated or infected at some point, with 44% unable to identify the source of the breach.¹ Also, according to one industry analyst, more than 70% of organizations do not have an OT security strategy. Threats from hostile nation-states and hackers, as well as internal actors, are increasing, and security awareness at the operations level is lagging.

System operators and device manufacturers are under increasing pressure to address the mounting threat, but lack the necessary information and understanding to take action. Core areas of concern include:

- Identifying cyber operational risks
- Building security into processes and equipment
- Understanding best practices and employing them on-site
- Effectively communicating with IT security teams
- Securing executive buy-in for necessary changes
- Understanding the source and impact of attacks

¹ The State of Security in Control Systems Today, SANs Institute June 2015



Solution

Wurldtech's Security Training Services are a set of courses that can be rapidly deployed to improve security postures through an expanded knowledge base.

Our recognized OT industry experts share their experience and knowledge to improve security understanding for operators, IT security leaders and enterprise executives. Better awareness leads to better decisions, and that leads to better outcomes.

Courses

These in-person courses can be easily incorporated into existing standards and practices training. We also custom design training programs specific to your needs and program requirements.

FEATURES

Executive Awareness

A one-hour, onsite overview of OT security designed to improve understanding of the risks and threats to operations for business leadership.

Operator Awareness

A 2-3 hour, onsite overview to help operators speak the language of IT security for improved communication of the unique demands for OT security.

1-day Security Awareness Workshop

Designed to address a specific issue, or set of issues, within your environment. Our experts provide assessment, trouble shooting and quick fix recommendations for rapid implementation.

3-day Security Awareness Workshop

This enterprise-wide workshop addresses the knowledge gap between business leaders, IT security teams and operators, identifying core concerns, defining requirements and developing a strategic direction to improve communication and remediation efforts.

4-day Security Awareness Workshop

An expansion to our 3-day workshop, this session includes basic network and cyber security fundamentals, and discusses the creation of an implementation framework that provides strategic direction and speeds implementation.

NEXT STEPS

For more information
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