

Security Training Services from GE Digital

Expand knowledge base and improve security posture



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.

GE Digital 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 from GE Digital 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.

01 Business 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.* 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

02 Solution

GE Digital'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.

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.

03 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



*The State of Security in Control Systems Today, SANS Institute June 2015

Security Training Services from GE Digital

Expand knowledge base and improve security posture



COURSES

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 to improve communication around the unique demands of 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 of 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.



GE Digital helps you harden your security posture and prepare to succeed in the new digital industrial landscape.

[LEARN MORE](#)



Security Training Services from GE Digital

Expand knowledge base and improve security posture

Services

In the world of Industrial Internet of Things (IIoT), organizations are able to optimize productivity, reduce costs, and achieve operational excellence. While this is an exciting time for opportunity and growth, it can also bring on new challenges, questions, and uncertainty. No matter where you are on your IIoT journey, GE Digital has the right services offering for you.

[Advisory Services](#) We can help you plan and start your IIoT journey in a way that aligns to your specific business outcomes.

[Managed Services](#) We can help you maintain your critical machines from one of our remote locations around the world using model-based predictive-analytic technology.

[Implementation Services](#) Our team will help develop a collaborative, multi-generational plan that will marry your existing investments to the right process enhancements and technology.

[Education Services](#) We specialize in education services to ensure that you're leveraging our solutions to the fullest extent with our training and certificate programs.

[GlobalCare Support Services](#) Let us help by ensuring that your business continues to operate at its highest efficiency, all while mitigating risks to your investments.

[Cyber Security Services](#) Our solutions provide industrial-grade security for a wide range of OT network and application topologies.

Related products

GE Digital's OT cyber security suite helps protect industrial and healthcare companies against misconfigured devices and unplanned downtime due to cyber incidents. We can help you test, certify, and secure industrial connected devices, applications, and processes.



[Achilles Test Platform](#) →

Build in product security. Achilles Test Platform discovers vulnerabilities and faults to be reproduced, isolated, identified, and resolved before product introduction.



[OpShield](#) →

Designed to help protect critical infrastructure and controls network by defending the processes, communications, and assets that underpin your control strategy.

PREDIX

[Predix](#) →

Innovate and transform your business with the cloud-based operating system for the Industrial Internet, purpose-built for industry.

Continue your IIoT journey

Transforming your business requires innovative foundational solutions that lay the groundwork for optimized performance.



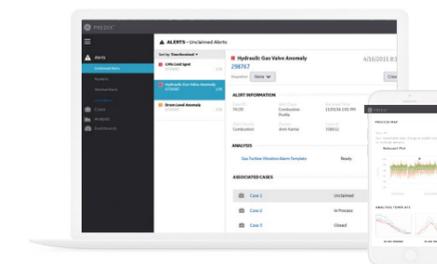
[Historian](#) →

Optimize asset and plant performance through time-series industrial data collection and aggregation, leveraging Predix IIoT connectivity.



[iFIX](#) →

Gain visibility into your operations and secure agility for smarter decision making that drives results.



[Asset Performance Management](#) →

Move from reactive to proactive maintenance to reduce unplanned downtime, minimize maintenance costs, improve efficiency and extend asset life.

About GE

GE (NYSE: GE) is the world's Digital Industrial Company, transforming industry with software-defined machines and solutions that are connected, responsive and predictive. GE is organized around a global exchange of knowledge, the "GE Store," through which each business shares and accesses the same technology, markets, structure and intellect. Each invention further fuels innovation and application across our industrial sectors. With people, services, technology and scale, GE delivers better outcomes for customers by speaking the language of industry.

Contact

Americas: 1-855-YOUR1GE (1-855-968-7143)
gedigital@ge.com
www.ge.com/digital