Cyber Security from GE Digital
Protection for critical infrastructure industries

Overview

GE Digital works with device manufacturers and system operators to protect critical infrastructure against cyber threats. You'll benefit from our industrial mindset, operational technology (OT) cyber security expertise, and purpose-built technology. You can also leverage GE's deep experience as a leading global company for over 120 years. And the results are real, customers who utilize our cyber security solutions experience increased operational integrity, regulatory compliance, and improved safety of people, processes, and equipment.

Vertical Markets Served

- Oil & Gas
- Power generation & distribution
- Transportation
- Healthcare

Products and services

01 Achilles Test Platform

The Achilles Test Platform is used by manufacturers of control systems and critical infrastructure to minimize vulnerabilities for cyber attacks. The platform is a leading communications robustness test platform designed to monitor network and operational parameters—allowing vulnerabilities to be discovered, identified, and resolved before products are introduced to the market.

02 OpShield

OpShield is a security solution designed to protect control systems and operational technology assets. It provides protection from cyber threats and vulnerabilities in operational environments, and delivers defense-in-depth for oil & gas, power generation, transportation, healthcare, and other industries. OpShield monitors and blocks malicious activity and minimizes disruptions to enable highly available operations and secure productivity.

Outcomes

- Optimize uptime
- Secure operational assets
- Improve regulatory compliance
- Enforce supplier security
- Support process integrity

03 Cyber security services

Cyber Security services help organizations understand operational risk, design effective cyber security strategies, and deploy the right operational resilience measures to protect people, processes, and technology.

The suite of services includes:

- **Security health check services:** Quickly understand current security posture and immediate threats
- **Security assessment services:** Address critical vulnerabilities and long-term security improvement needs
- **Security training services:** Improve the cyber security knowledge base for executives, operators, and developers
- **Software security services:** Mitigate software vulnerabilities before they can be exploited
- **Device security services:** Address device design flaws and reduce the risk of disruption
- **Security certification services:** Ensure security controls and processes meet or exceed industry and regulatory benchmarks

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

PREDIX

Contact

Continue your IIoT journey

Transforming your business requires innovative foundational solutions that lay the groundwork for optimized performance.
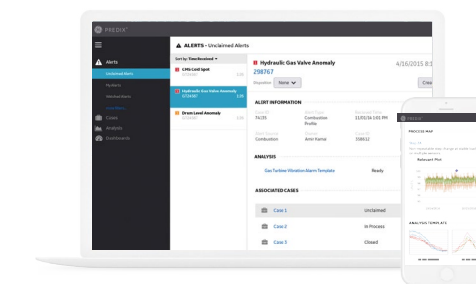
Historian →
Optimize asset and plant performance through time-series industrial data collection and aggregation, leveraging Predix IIoT connectivity.

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.