

Industrial Managed Security Services from GE Digital



Detect and protect against cyber-related disruptions

Monitoring and analytics

Cyber security monitoring and analytics, delivered as a managed service, can help you get ahead—and stay ahead—of cyber threats. Continuous monitoring of OpShield from GE Digital, specifically designed for operational technology (OT) environments, allows you to support and protect your critical processes and control strategy, and provides the visibility and insight for broad situational awareness.

With expert security analysts and “eyes on glass” using advanced technologies, cyber-related disruptions can be detected and reduced before they cause downtime. With OpShield deployed in ICS, SCADA, and other OT environments, features such as network segmentation, deep protocol inspection, and network whitelisting capabilities inform GE Digital security analysts, either with alerts or block commands.

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

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Threat and vulnerability intelligence

GE Digital's threat and vulnerability intelligence services provide advanced insights into both sides of the attack surface landscape—technology vulnerabilities targeted by bad actors, and the threat vectors that permeate the OT cyber landscape. With a global view of emerging threats, zero-day ICS vulnerabilities, and the evolving tactics, techniques, and procedures of advanced threat actors, Industrial Managed Security Services (iMSS) from GE Digital can help ensure actionable intelligence for OT customers. For over a decade, our ICS vulnerability researchers have uncovered hundreds of vulnerabilities, and are developing vulnerability protection packs for OpShield customers world-wide. Combined with our active network of private, public, and international sources for collaborative intelligence sharing and situational awareness, iMSS can help your organization fortify your environment to withstand threats in a volatile cyber environment.

Cyber security incident response

GE Digital's security incident response team is comprised of highly experienced security experts who know how to prepare, train, and execute on a rapid remediation and recovery. Organizations need to be prepared to respond when cyber incidents happen. Yet in an ICS or OT environment, the response is much different than a traditional IT security response. In critical infrastructure environments, specialized knowledge, certifications, and regulations can dictate the course of action, and even physical or computer access to the location where remediation may have to occur. Services include forensics monitoring and analysis, incident handling, payload analysis, and security and readiness consulting services. Most importantly, our extensive experience in industrial, critical infrastructure, and other OT environments means that we have the ability to execute in remote, specialized, or highly regulated environments.

01 Business challenge

With the increasing volume and velocity of cyber attacks, ICS, SCADA, and other OT networks are at risk. ICS and OT networks are complex, with a wide range of devices, protocols, and applications that must work in concert to maintain production, without unexpected disruption.

At the same time, the attack landscape is expanding—increasingly savvy adversaries are targeting control systems and critical assets. Risks related to these malicious activities, combined with risks related to unintended errors—such as a misconfigured system—can cascade into a comprised system and costly downtime.

02 Solution

iMSS can help you implement a more resilient network environment using powerful OT threat monitoring technology, vulnerability and threat intelligence services, and incident response services.

03 Benefits

iMSS gives you the confidence to connect by:

- **Reducing cyber risk** through visibility into threats and vulnerabilities
- **Improving availability** through reduced unplanned downtime
- **Helping ensure safety** by implementing standardized cyber practices

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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. 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 experienced global automation partners can implement a collaborative, multi-generational program that marries your existing investments to the right 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.



[Historian](#) →

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



[OPSHIELD](#) →

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



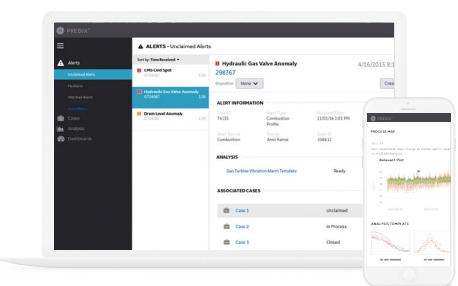
[iFIX](#) →

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

PREDIX

[Predix](#) →

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



[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.

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