GUIDEPOINT® SECURITY

IOT SECURITY ASSESSMENTS

Leverage our expertise to identify and remediate IoT vulnerabilities via real-world attack simulations.

Your IoT platform's unique design demands an equally unique security assessment approach

Our experienced team will thoroughly examine the physical components, software, networking, and management systems of your IoT device. With this holistic approach, we can identify any security weaknesses and provide tailored recommendations to fix these issues, taking into consideration your specific goals and limitations.

IoT devices are prevalent in many industries, yet the risks associated with them are often underestimated or overlooked, leaving many organizations and their IT systems vulnerable to potential threats.

At GuidePoint Security, we understand the critical role that IoT devices play in your business operations. Our team—comprised of IoT security experts with extensive experience across diverse industries—is committed to identifying potential weaknesses in your IoT devices and applications.

Utilizing our targeted IoT Security Assessment, you can not only identify and fix vulnerabilities but also fortify your defenses, inspire confidence in your customers, and shut the door on unwanted access to your IoT ecosystem. Let us help you turn potential risks into robust protections, ensuring your business thrives in a connected world.
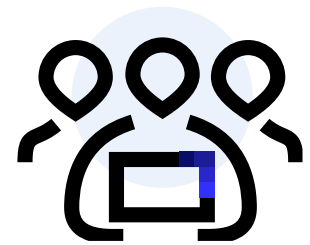
Put a Highly-Trained ELITE Team on Your Side

More than 70% of our workforce consists of tenured cybersecurity engineers, architects and consultants.

Common vulnerabilities that our assessments uncover

Weak authentication mechanisms

Unsecured communication channels

Unpatched software and firmware

Our IoT Security Assessments are purpose-built to evaluate every aspect of your IoT platform, from the device itself to the edges of deployment.

Our IoT Security assessments start with an in-depth architectural review to understand the unique objectives and constraints that dictated your IoT device's design, including its supporting infrastructure. Our team will review your IoT device's hardware, software, networking, and management aspects to identify security weaknesses and provide practical, holistic remediation recommendations.

Our comprehensive IoT Security Assessments cover critical aspects of your IoT platform security

IoT Network Security - We will assess your IoT ecosystem services and functions to identify:

- ⊘ Insecure protocols
- ⊘ Misconfigurations
- ⊘ Vulnerabilities in device operations
- ⊘ Custom network protocols

IoT Physical Security - To prevent physical attacks on your IoT devices and remote-based attacks on your local network, it's necessary to verify the physical security of your IoT devices, including:

- ⊘ Digital or physical locks
- ⊘ Anti-tamper mechanisms
- ⊘ Access monitoring

IoT Firmware Security - Our team will review your device's firmware to identify vulnerabilities that could leave your network and customers open to attack, and provide actionable remediation recommendations.

IoT Supporting Infrastructure Security - Your IoT is more than a standalone device; it relies on an extensive system of supporting infrastructure for remote management, updates, administration, and communication. Our assessment reviews your infrastructure and supporting actions to ensure they're properly secured.