

Check Point IoT Protect

Prevent. Adapt. Everywhere.



AN EVER-EXPANDING ATTACK SURFACE

Integrated into every aspect of our lives, internet of things (IoT) devices and operational technology (OT) assets automate and streamline operations. Yet every time a smart device is added to our network, it expands your attack surface. This is because connected devices are inherently vulnerable and easy to hack. This explains why 67% of enterprises have already experienced an IoT-related security incident, carried out to infiltrate enterprise networks or for the purpose of device manipulation or destruction.

EASY TO HACK, HARD TO PATCH

And while IoT environments have become increasingly complex, IT security solutions have remained far behind, with limited visibility and control over IoT devices and their associated risks.

When it comes to securing these devices, the challenge lies in the huge variety of communication protocols they deploy, and the fact that they are inherently vulnerable due to several reasons:

- Run on legacy OSs
- Hardcoded or weak passwords
- Difficult to patch
- Physically accessible
- OS misconfigurations
- No built-in security
- Unsecured communication protocols

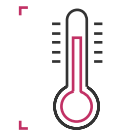
CHECK POINT IoT PROTECT

Encompassing network- and device-level IoT security, Check Point IoT Protect prevents IoT cyber attacks, adapting protections to any IoT or OT device across smart-office, smart-building, healthcare and industrial environments. Delivering zero-trust policy tailored per device, IoT Protect uses real time threat intelligence, 60 innovative security services, and on-device runtime protection to deliver a complete, end-to-end prevention-first strategy for an evolving cyberphysical attack surface.

SMART BUILDING



SMART ELEVATOR

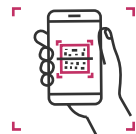


THERMOSTAT

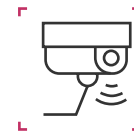


HVAC

SMART OFFICE



BADGE READER



CAMERA



ROUTER

INDUSTRIAL



RTU



HMI



SENSOR

HEALTHCARE



X-RAY



ULTRASOUND



MRI

CORE CAPABILITIES

Check Point IoT Protect enables organizations to:

- **Prevent** IoT cyber attacks with multi-layer threat prevention
 - Minimize the IoT attack surface with zero-trust policy utilizing device attributes and risk profile
 - Shield devices from known vulnerabilities before they can be exploited with IoT virtual patching, using 1000s of protections, including over 300 unique IoT protections across intrusion prevention system (IPS), anti-bot and application control (APCL) signatures
 - Prevent known and unknown attacks with Check Point Infinity, powered by 60 security service, and continuously updated threat intelligence from Check Point ThreatCloud, which aggregates threat intelligence from 100s of millions of sensors worldwide
- **Adapt** IoT protections to any IoT and OT device
 - Automatically identify and classify every IoT device and its risk profile using discovery engines
 - Create perfectly suited policies with the industry's broadest application control, supporting over 1,600 IoT and OT applications, protocols and commands
 - Apply real time enforcement to prevent IoT devices from compromising other assets or attempting communication with malicious sites
 - Uncover firmware security risks – Get a full analysis of your IoT vulnerabilities within an hour
- **Everywhere** IoT security with a single solution for all your needs
 - One solution for smart-office, smart-building, medical and industrial devices
 - Tight integrations with industry leading discovery engines, including Armis, Claroty, Medigate, OrdR, Tenable.ot, ScadaFence, Cynerion, CyberMDX and Nozomi, and an open extensible framework supporting others
 - Deployment of 'safe-to-use' devices with on-device runtime protection

BENEFITS

- **Minimize the IoT attack surface** with full IoT device visibility and granular policies
- **Prevent malicious IoT traffic** with 1000s of protections, over 60 security services and real time threat intelligence
- **Block access to and from infected devices** with proven security gateways

WHY CHECK POINT FOR IoT SECURITY

Check Point IoT Protect is the leading choice for IoT security:

- Broadest range of cyber security solutions to protect IoT devices
- Best threat prevention against the latest and most evasive IoT cyber attacks
- IT and IoT consolidated into unified Infinity cyber security architecture
- Choice of SMB/branch, enterprise-scale and [ruggedized security gateways](#)

PART OF CHECK POINT INFINITY

Check Point IoT Protect is part of [Check Point Infinity](#), the only fully consolidated cyber security architecture that protects your business and IT infrastructure against Gen VI multi-vector 'Nano' cyber-attacks across networks, IoT devices, endpoint, cloud and mobile. Check Point Infinity delivers unprecedented protection against current and potential attacks—today and in the future.

CONTACT US FOR A DEMO TODAY

Don't leave your IoT security to chance. Get the visibility you need and the security you deserve. [Contact us for a demo today](#), or [get in touch to discuss](#) your IoT security needs.