



SOLUTION BRIEF  
**QUANTUM IoT PROTECT**



Quantum  
**IoT Protect**

## 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 the 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, But Difficult To Patch

Protecting intellectual property such as training data and AI/ML models from being exposed. 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, as well as 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

## Quantum IoT Protect

Encompassing network- and device-level IoT security, Quantum 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 profiles tailored per device, the solution 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 OFFICE



### INDUSTRIAL

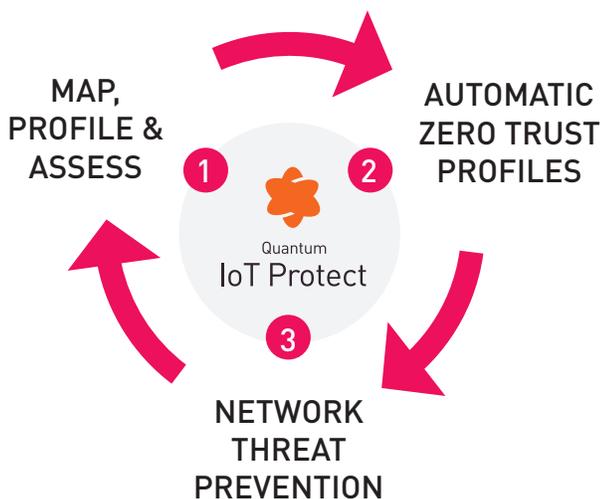


### HEALTHCARE



## Autonomous Zero Trust Threat Prevention

Check Point Quantum IoT Protect is now integrated directly into the Quantum Security Gateways with R81.20, providing customers with autonomous threat prevention for both network and on-device protection. Quantum IoT Protect enables organizations with:



## Why Check Point For IoT Security

Quantum IoT Protect is the leading IoT security solution needed to prevent cyber attacks:

- Automates everything from discovery to threat prevention
- Multi-layered cyber defense solution to protect IoT devices
- Best threat prevention against the latest and most evasive IoT cyber attacks
- IT and IoT consolidated into unified Infinity cybersecurity architecture
- Choice of SMB/branch, enterprise-scale and ruggedized security gateways

## Benefits

- **Instantaneously map, profile, and assess risk** for any connected IoT device
- **Minimize the attack surface** with full IoT visibility and block zero-day attacks with zero-trust profiles
- **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
- **Harden IoT device firmware** to prevent zero-day runtime attacksChoice of SMB/branch, enterprise-scale and ruggedized security gateways

## Tight Integration With Leading IoT Discovery Platforms

By integrating with a wide range of third-party IoT and OT (Operational Technology) discovery platforms, our solution supports a vast array of device profiles across different IoT and OT environments, including medical devices.

## Innovative Partnerships With Industry-Leading Device Vendors

From IP Cameras and smart elevators, to routers, medical devices and industrial controllers, Check Point provides on-device runtime protection against zero-day cyber-attacks - serving as the most powerful line of defense for device manufacturers, enabling them to produce "Secure by Design" devices.



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## 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.

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