



# eSIX Embeds Robust Security Into Its Products, Enhancing Customer Security and Satisfaction



## INDUSTRY

Technology

## HEADQUARTERS

Hong Kong, China

## COMPANY SIZE

18

## OVERVIEW

Headquartered in Hong Kong, eSIX provides network technology services for high-speed, industrial and enterprise networks. eSIX products and services enable customers to optimize network performance while reducing costs. Using innovative IPfiber technology, eSIX solutions deliver fiber network-like performance over regular broadband internet or wireless connections at up to 70% cost savings.

## OUR SOLUTION



### Quantum

Deep Learning & AI Driven Network Security



Partnering with Check Point offered the most comprehensive and effective solution. We chose Check Point for its strong reputation in the cybersecurity industry, ability to offer a comprehensive security solution and its commitment to keeping pace with emerging threats.

*Kinson Chan, CEO. eSIX*



## CHALLENGE

As companies look to improve operational efficiency, 5G technology offers significant improvement in network speeds, bandwidth capacity and latency reduction. These characteristics are especially ideal in industrial network settings, enabling new ways to control systems remotely and gain real-time visibility into processes.

eSIX's award-winning Xatellite devices provide 5G next-generation connectivity for customers' broadband internet and wireless networks. Xatellite ensures consistent 5G connection and high performance for customers across industries. To date, eSIX solutions are enabling customers to manage unmanned trucks in a global top-10 port, monitor and control trains and other public transportation vehicles, and meet industrial automation requirements. The company provides the devices and manages the 5G subscription while customers retain management of their networks.

"Security is essential to network performance," said Kinson Chan, CEO of eSIX. "Corporate data, process data and sensitive information traverse our customers' networks, and we recognize the importance of securing connectivity to protect their users and devices."

## SOLUTION

For eSIX, ensuring secure connections was a challenge. They needed to protect the Xatellite CPE devices against cyber threats to minimize risk and ensure their customers' trust. One option was to include a security gateway or firewall with each customer deployment. However, that would have increased cost for eSIX and its customers, extended deployment times and required additional dedicated management. It also was difficult to scale and integrate with customers' diverse environments. In the past, eSIX had relied on encryption schemes and multiple layers of security in its devices. Because the devices reside in customers' networks, that approach made management and updates a challenge for the eSIX team—especially in an evolving threat landscape.

eSIX needed a way to provide robust security for its devices and secure connectivity for its customers without adding overhead to the customer's network or hiring dedicated teams of security experts. After evaluating many options, the eSIX team turned to Check Point.

"Partnering with Check Point offered the most comprehensive and effective solution," said Mr. Chan. "We chose Check Point for its strong reputation in the cybersecurity industry, ability to offer a comprehensive security solution and its commitment to keeping pace with emerging threats."

Check Point Quantum IoT Protect with Nano Agent gave eSIX a simple, streamlined way to embed industry-leading security in its solutions. Nano Agent embeds robust, Zero Trust security directly in Xatellite firmware. With Nano Agent, the Xatellite devices are hardened and secure out of the box—ready to defend against sophisticated attacks, such as shell injections, memory corruption, control flow hijacking and zero-day firmware vulnerabilities. eSIX ensures secure, stable connectivity to customers without having to set and update policy. Nano Agent for all eSIX customers is managed through the Check Point Infinity Portal via Transport Layer Security (TLS)-secured connection.

"Through the Infinity Portal, we have comprehensive visibility into our device fleet," said Mr. Chan. "We can see the latest security events, updates and asset information in a single dashboard. With high reliability and zero false positives, we know that our Xatellite devices are secure and not creating an open door for attackers into customers' networks."

## OUTCOME

Customers that choose eSIX for secure 5G connectivity don't have to compromise security to gain a significant network performance upgrade. With Nano Agent, Xatellite devices meet regulatory requirements for secure access, data protection, authentication and other features. Their sensitive data at rest, on Xatellite, and in use remains secure.

"Our customers report increased confidence in the security of their network infrastructure," said Mr. Chan. "Greater security is an advantage for our solution and has resulted in increased customer satisfaction and loyalty."

The eSIX team worked with Check Point experts to embed Nano Agent security seamlessly in the Xatellite firmware. When Xatellite devices are deployed for customers, installation is fast and easy because Nano Agent is ready out of the box. The eSIX team doesn't have to update or patch devices since Nano Agent does not rely on signatures to block attacks. Visibility through Infinity Portal provides at-a-glance information for the team. Not only does the solution improve device security, it enabled eSIX to avoid hiring additional security staff and achieve significant cost savings.

"Management efficiency, advanced threat prevention and dashboard reporting capabilities from Check Point helped us reduce our product development and management costs," said Mr. Chan. "At the same time, they enable us to significantly enhance our network security posture."

Quantum IoT Protect with Nano Agent provides continuing protection and device hardening with vulnerability checks on each new Xatellite firmware release. eSIX can proactively identify and address any potential vulnerabilities before attackers have the opportunity to exploit them.

"We highly recommend Check Point," said Mr. Chan. "Check Point solutions are highly effective at preventing threats to safeguard network infrastructure with effective, long-term protection. Advanced threat detection capabilities combined with a commitment to ongoing vulnerability checks make Check Point an ideal partner for proactively addressing security risk and enhancing overall security posture."



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## ABOUT CHECK POINT

Check Point Software Technologies Ltd. ([www.checkpoint.com](http://www.checkpoint.com)) is a leading provider of cyber security solutions to corporate enterprises and governments globally. Check Point Infinity's portfolio of solutions protects enterprises and public organizations from 5th generation cyber-attacks with an industry leading catch rate of malware, ransomware and other threats. Infinity comprises three core pillars delivering uncompromised security and generation V threat prevention across enterprise environments: Check Point Harmony, for remote users; Check Point CloudGuard, to automatically secure clouds; and Check Point Quantum, to protect network perimeters and datacenters, all controlled by the industry's most comprehensive, intuitive unified security management; Check Point Horizon, a prevention-first security operations suite. Check Point protects over 100,000 organizations of all sizes.

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### Worldwide Headquarters

5 Shlomo Kaplan Street, Tel Aviv 6789159, Israel | Tel: +972-3-753-4599

### U.S. Headquarters

959 Skyway Road, Suite 300, San Carlos, CA 94070 | Tel: 1-800-429-4391

[www.checkpoint.com](http://www.checkpoint.com)

