



## CHECK POINT + PROVISION-ISR

*Simple & Secure IP Surveillance for Any Organization*

### Greater Connectivity Leads To Greater Risk

IP Protocol is the most common for communication between computer networks and the Internet. Therefore, it is ideal for streaming high-quality video through networking infrastructures. IP surveillance technology offers a connected surveillance solution that does not compromise reliability or picture quality.

However, any connected IoT device is extremely vulnerable to targeted attacks that can disrupt services and operations where the end goal is to yield financial gains (e.g. ransomware, crypto mining) or gain a foothold into sensitive networks.

#### SOLUTION BENEFITS

- **View and monitor physical assets:** IP connected Closed Circuit Television (CCTV) enables organizations to view and protect their critical physical assets.
- **Deploy CCTV with confidence:** Tech savvy organizations who wish to close every security gap, can securely deploy CCTV with confidence.
- **View and monitor cyber connected CCTV events:** Rapidly investigate incidents and seamlessly trigger mitigation policies for CCTV devices.
- **Hassle-free, secure CCTV deployment:** ideal for any customer use case, from the largest enterprise to consumer applications.

#### SECURITY FEATURES

- **Security that doesn't impact CCTV operations:** Runtime protection, that blocks even zero-day threats with no impact on device performance.
- **Fend off the most sophisticated IoT device attacks:** including shell injections, memory corruption, and control flow hijacking.
- **Prevent malware campaigns:** including ransomware, bot infections (Mirai), crypto mining and lateral movement as part of a larger more sophisticated nation-state attack. connector in JSON format for more insights.

## A Secure IP Surveillance Solution

Check Point and Provision ISR are partnering to provide the industry's most secure IP surveillance solution.

Provision-ISR specializes in leading-edge CCTV solutions. Their wide range of products includes high-quality IP and HD cameras, sophisticated recording machines and a complete set of reliable accessories specifically designed for the CCTV market. In addition, Provision-ISR engineers have unparalleled expertise in developing leading-edge software solutions, while keeping the user interface intuitive and straightforward.

Check Point Quantum IoT Protect Firmware provides embedded device manufacturers, such as Provision-ISR, with a complete end-to-end solution for all their firmware security needs. From uncovering firmware security risks, to hardening their device with runtime protection, to managing their devices with granular policies, IoT makers gain the visibility, security and controls they need to offer customers highly secure connected products.

With embedded security in CCTV devices, Provision-ISR stands apart from other similar CCTV offerings. This builds user confidence in an ever evolving and dangerous cyber physical world.

## Check Point IoT Protect Nano Agent

### **Embedded Runtime Protection for IP Cameras**

Revolutionary Check Point IoT Protect™ with Nano Agent® provides IP connected CCTV with runtime protection, enabling connected devices with built-in firmware security. Based on cutting edge control flow integrity (CFI) technology, the lightweight Check Point IoT Protect™ with Nano Agent® allows you to fend off the most sophisticated device attacks, including shell injections, memory corruption, control flow hijacking and even zero-day firmware vulnerabilities that have yet to be discovered. These attacks are associated with some notorious exploits such as EternalBlue, Heartbleed, Shellshock, Blueborne, Ghost, Venom, and ImageTragick.

## Summary

The Check Point Provision-ISR secure CCTV solution is for everyone, from consumers to large enterprises. Consumers will like the solution because they get secure, hassle-free video surveillance right out of the box. For larger enterprises who need even more protection and want to manage their CCTV security, the solution offers a holistic cyber security solution that spans all the way from the cloud to the IP camera, NVR (Network Video Recorder) and VMS (Video Management System).

With the Provision-ISR and Check Point secure IP surveillance solution, customers can now extend their enterprise security to include CCTV devices. Check Point products provide end-to-end security from the enterprise to the cloud, to mobile workers' personal devices. Organizations frequently implement multiple cyber security solutions in pursuit of better protections. As a result, they are frequently left with a patchwork security architecture that results in a high TCO. By adopting a consolidated security approach, businesses realize preemptive protection against advanced fifth-generation attacks, while achieving a 50% increase in operational efficiency and 20% reduction in security costs.

Manage entire infrastructures from our distributed, cloud-managed, security framework for protecting a large, diverse set of networks of cloud, network, endpoint, mobile and IoT devices. Security is delivered to the edge in an asset-centric approach that maps an inventory of Nano Agent protected CCTV devices and their attributes, and applies specific security practices such as compliance, access control and threat prevention.

## About Check Point

Check Point Software Technologies Ltd. ([www.checkpoint.com](http://www.checkpoint.com)) is a leading provider of cyber security solutions to governments and corporate enterprises globally. Its solutions protect customers from cyber-attacks with an industry leading catch rate of malware, ransomware and other types of attacks. Check Point offers a multilevel security architecture that defends enterprises' cloud, network and mobile device held information, plus the most comprehensive and intuitive one point of control security management system. Check Point protects over 100,000 organizations of all sizes.

## About Provision-ISR

PROVISION-ISR is an Israeli multinational company founded in 2007 to meet the demand for high quality products in the medium segment of the CCTV market. Since this foundation, Israel has come to excel in the homeland security arena: many Israeli security manufacturers hail from a variety of specialties including emergency management, cyber-security, intelligence, critical infrastructure protection, smart cities and, in case of Provision-ISR, leading-edge CCTV solutions. Today Provision-ISR serves more than 40 countries all over the world with branches and official exclusive distributors, who are working as partners to promote the brand in their countries.

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