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www.provision-isr.com



www.checkpoint.com



LEADING A REVOLUTION IN CCTV CYBER SECURITY

Check Point and Provision-ISR join forces to create a new CCTV platform embedded with real Cyber Security.



PROVISION-ISR is the **Israeli CCTV market leader**. Founded in 2007, the company has been responding to the diversified demands of the market, becoming **one of the fastest-growing CCTV Brands in the world**.

Provision-ISR range of products includes high-quality IP and HD cameras, sophisticated recording machines and leading-edge software solutions.

Today Provision-ISR provides high value to the international security industry by serving **more than 40 countries worldwide** through a global partners network.



Check Point Software 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.



The market scenario

CYBER SECURITY AWARENESS IN THE FIELD OF CCTV.

Modern CCTV cameras are essentially functioning as small computers that run operating systems and applications.

As such, **they are also susceptible to hacking attacks**.

Intruders are starting to use more sophisticated and unique methods to access networks, data, and assets.

Their goal is to gain a foothold into sensitive networks, exploit vulnerabilities quickly, and profit from them.

With sensitive information to be protected, security leaders such as Provision-ISR, are responsible for keeping a proactive approach in **avoiding this risk by securing their video data and video surveillance systems**.

Provision-ISR wants to lead from the front with 100% secure CCTV devices that will give customers peace of mind. By partnering with Check Point, Provision-ISR CCTV devices will gain protection against sophisticated threats, out-of-the-box.

With **Check Point 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 CCTV DEVICES

Revolutionary Check Point IoT Protect Nano Agent provides IP connected CCTV with **runtime protection, enabling Provision-ISR devices with built-in firmware security**.

Based on cutting edge control flow integrity (CFI) technology, Check Point IoT Protect Nano Agent **runs inside the device in the firmware level, hardens it, and provides runtime protection against the most sophisticated attacks** such as shell injections, memory corruption, control flow hijacking and even zero-day firmware vulnerabilities that have yet to be discovered.

It blocks any deviations such as unauthorized commands or processes. It protects the device from Data and privacy breaches, from attempts to disrupt the normal operation or take control on the device, and even attempts to use the device by attackers as a backdoor to the organization and using it to attack the network



Solution benefits

RAISING THE BAR ON CCTV CYBER SECURITY



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 CCTV DEVICE ATTACKS

including shell injections, memory corruption, control flow hijacking and more.



PREVENT MALWARE CAMPAIGNS

including ransomware, bot infections (Mirai), crypto mining and lateral movement as part of a larger more sophisticated nation-state attack.