

SOLUTION BRIEF

# Edge Sentry

Advanced, cloud-based edge security  
powered by Check Point



With remote work on the rise, today's enterprises are highly distributed with users and applications residing everywhere. At any given time a user can simultaneously be connected to the corporate data center, a cloud SaaS app and collaborating on a video conference while looking up something on the Internet. Connecting users direct to the Internet and cloud applications instead of backhauling traffic through a data center security stack provides a better user experience, but is it secure?

## Check Point Infovista solution

Now, there's a better option. Software-Defined WAN (SD-WAN) enables enterprises to provide optimized connectivity over both broadband Internet and private links to applications that reside in data centers, IaaS/PaaS clouds, SaaS and any hybrid scenario while simplifying and centralizing branch management. SD-WAN is critical for today's hybrid cloud environments because it brings enterprise-level manageability, performance, and reliability across branch offices.

Directly connecting branch offices to the cloud via a Local Internet Breakout reduces latency and improves the overall user experience. However, as you look to offload cloud traffic from your private WAN to local Internet connections, you become susceptible to cyber-attacks. Check Point secures these links with the same advanced threat prevention available in Check Point on-premises security gateways. Together Infovista and Check Point assure the performance and security of enterprise and cloud applications over the Internet and hybrid-WAN while dramatically simplifying deployments and reducing costs.

## Infovista SD-WAN

Infovista helps customers drive successful digital transformation by securing and controlling performance in extended edge network environments, with a rapidly deployed, non-disruptive path to a full featured SD-WAN. Ipanema SD-WAN is delivered with flexible, consumption-based licensing that enables the enterprise to easily scale capacity up or down as the business requires. Ipanema SD-WAN can be deployed in as little as 1/10th the time of the typical SD-WAN deployment, and offers the only zero-touch, risk-free path to SD-WAN.

Ipanema SD-WAN combines cloud-based orchestration technology, advanced security via deep integration with Check Point Harmony Connect, low-latency full mesh via software defined interconnect (SDI), and end-to-end visibility and control across all types of connectivity and clouds.

Application Visibility and Control is a must for SDWAN solutions. While SD-WAN is intended to simplify and centralize WAN management, without granular application intelligence and control, it's not possible to guarantee the performance of business

applications, which leads to lost revenue. Conversely, being able to ensure application QoE can increase revenue up to 6%. Ipanema SD-WAN allows the business to prioritize applications according to commercial objectives and ensure perfect user experience regardless of changing network conditions, using automated, realtime, session-based path selection.

## All-inclusive security solution

Check Point provides organizations of all sizes with integrated, advanced threat prevention, reducing complexity and lowering the total cost of ownership. Check Point protects SaaS, IaaS and now branch office assets from sophisticated threats with dynamic scalability, intelligent provisioning and consistent control across physical and virtual networks.

Unlike other solutions that only detect threats, Check Point also prevents threats. Check Point SandBlast Zero-Day Protection is a cloud-based sandboxing technology where files are quickly quarantined and inspected, running in a virtual sandbox to discover malicious behavior before they enter branch office networks. SandBlast detects malware at the exploit phase, even before hackers can apply evasion techniques attempting to bypass the sandbox. This innovative solution combines cloud-based CPU-level inspection and OS-level sandboxing to prevent infection from the most dangerous exploits, and zero-day and targeted attacks.

The Check Point solution also includes IPS, Ant-Bot, and Antivirus to protect from known threats, Application Control and URL Filtering to enforce safe web use, and HTTPS inspection to prevent threats inside encrypted HTTPS channels. Furthermore, Check Point is a fully consolidated and connected cyber security architecture protecting on premises, cloud and branch networks as well as endpoint and mobile devices from Advanced Persistent Threats. Threats identified on one device can be automatically propagated as an IoC (Indicator of Compromise) to protect branch, mobile and cloud-based assets from the same zero-day threat.

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### KEY BENEFITS

- Cloud-based network threat prevention management
  - Seamless cloud-level integration with Check Point Harmony Connect
  - Outbound network firewall, DTI and App Control
  - Secure Web Gateway
  - Automated Provisioning of EdgeSentry tunnels topology through Ipanema SD-WAN Orchestrator
  - Dynamic PoP-selection for High Availability
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## Summary

Large organizations with thousands of small, geographically dispersed remote offices are faced with the challenge of securing their corporate network from attacks and monitoring/managing these offices in a simplified manner. They need to provide the same level of protection across all offices irrespective of whether they are inside or outside the confines of the corporate network perimeter. A cost-effective, easy to maintain solution that is always up to date with the latest security is needed.

Together, the integrated SD-WAN and Advanced Threat Prevention platform provides secure and optimized WAN connectivity over Internet links and hybrid WAN connections. By dramatically simplifying deployments and reducing costs, Check Point and Infovista provide enterprises with an affordable and secure remote branch office security solution.

## 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 Infovista

Infovista, the global leader in network lifecycle automation, powers complex intelligent networks to ensure they deliver brilliant user experience, maximizing productivity and efficiency, securely. At the core of the company's approach are automation and analytics, enabling Infovista software solutions to span the entire network lifecycle. From managing service legacy networks to optimizing 5G deployments, from providing applications visibility to securing and controlling the extended edge, Infovista helps Communications Service Providers and Enterprises to fully unlock their digital business potential. More than 1,700 customers, including 350 Mobile Network Operators, around the world rely on Infovista.