

CHECK POINT + TELCO SYSTEMS

SECURITY AS A SERVICE

BENEFITS

- Generate new revenue streams by delivering IaaS to business customers
- Reduce operational costs through software-managed services and end-customer self-management
- Optimize performance with Intel x86's unique hardware acceleration that ensures best utilization of available resources
- Protect networks and mission critical applications using the leading security solutions

INSIGHTS

Communication service providers (CSPs) are experiencing tremendous increase in demand for bandwidth by their users, mainly as a result of the growth in video consumption and enterprise cloud traffic. In addition, the number of devices connected to the network is increasing dramatically with the introduction of the Internet of Things (IoT) and Machine-to-Machine (M2M) communications. Enterprises are maintaining hybrid cloud environments that need to transfer huge amounts of data across private clouds, further contributing to data traffic growth. At the same time, revenue growth remains flat. CSPs are experiencing double digit annual increases in traffic necessitating significant CAPEX and OPEX investments. CSPs of every type, from tier-1 to small city carriers, seek new revenue opportunities by providing value-added services to subscribers, small businesses and enterprises. The growing digital and cloud markets generate expectations for on-demand services as well as instantly deployable new services and technologies. To meet expectations and remain profitable CSPs must:

- Offer new value-added services to businesses
- Provide differentiated services to create stickiness with customers
- Speed up time to market of new services
- Adapt to changing needs in real-time
- Reduce capital and operational expenditures

Distributed-NFV (Network Function Virtualization) empowers CSPs to deliver value-added services over Customer Premise Equipment (CPE) devices, especially the mission critical services that are essential to business customers, including firewall, VPN and intrusion prevention.

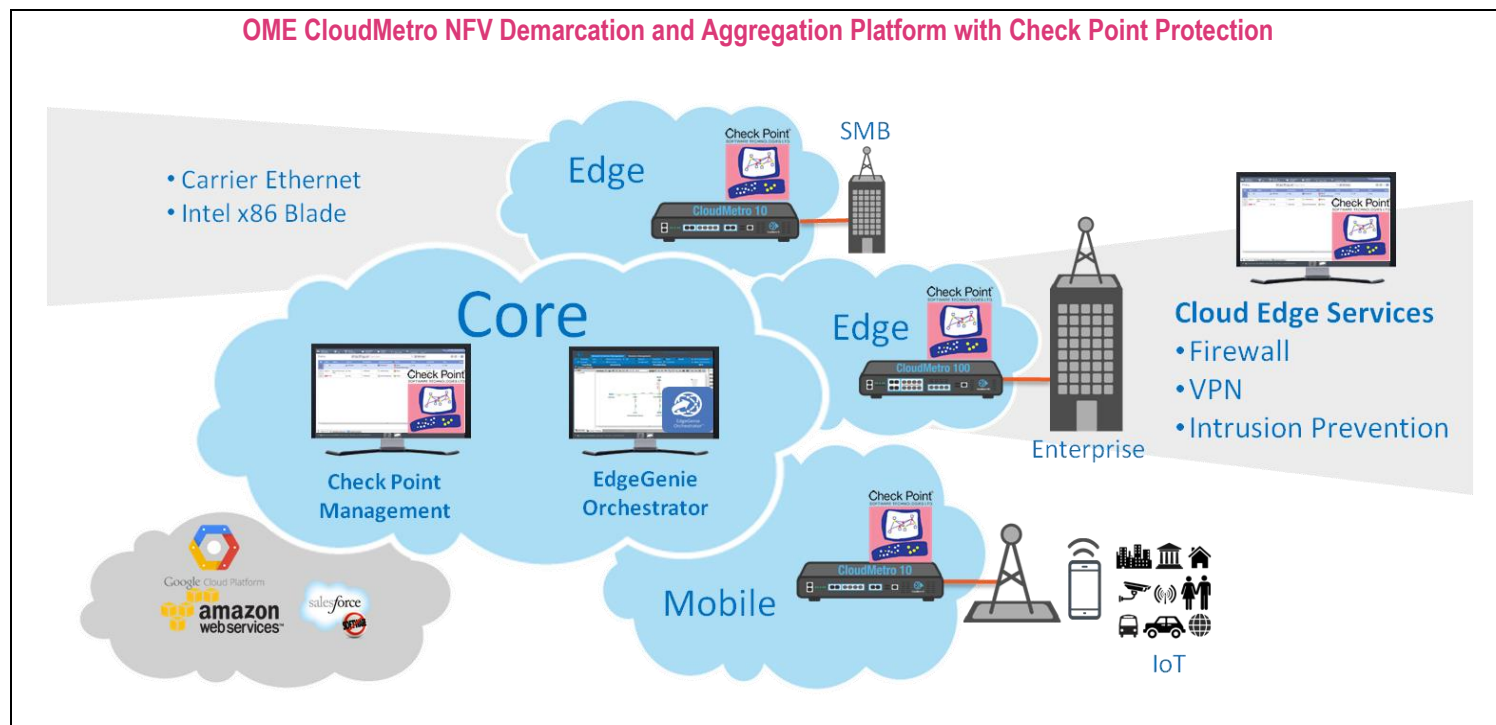
JOINT SOLUTION

Telco Systems' Open Metro Edge (OME) solution is a carrier-grade network function virtualization (NFV) solution that empowers CSPs to deliver Check Point Next Generation Firewall and Threat Prevention on-demand, creating new revenue opportunities while delivering significant cost reductions both to CAPEX and OPEX. It delivers a virtualization framework, enabling CSPs to provide managed services to business customers in an Infrastructure-as-a-Service (IaaS) model. Almost all of the business infrastructure requirements are delivered through OME as it instantly deploys and provisions virtual functions for security. OME functions are deployed on CPE devices, carrier demarcation or aggregation points and/or data-center, depending on the needs of the CSP and its customers. The OME solution encompasses the CloudMetro devices, and EdgeGenie Orchestrator network management system hosting and managing Check Point solutions.

PROVIDING SECURITY-AS-A-SERVICE TO ENTERPRISES AND SMBs

Telco Systems' OME solution with Check Point Software encompasses the following components:

- CloudMetro devices – Carrier Ethernet 2.0 CPE, demarcation and aggregation hardware-based switch integrated with Intel x86 units acting as the NFV host, supporting hardware acceleration for optimized performance.
- EdgeGenie Orchestrator – Network management and orchestration; Virtual Network Functions (VNF) lifecycle management and service chaining; interoperable with other NMSs, control and management platforms.
- Check Point Software Blades – Check Point Firewall uses award-winning technology to provide the industry's strongest level of gateway, data and network security protection, and a multi-layered line of defense to combat IT threats.



ABOUT CHECK POINT

Check Point Software Technologies Ltd. (www.checkpoint.com) is the largest pure-play security vendor globally, provides industry-leading solutions, and protects customers from cyberattacks with an unmatched catch rate of malware and other types of attacks. Check Point offers a complete security architecture defending enterprises' networks to mobile devices, in addition to the most comprehensive and intuitive security management. Check Point protects over 100,000 organizations of all sizes. At Check Point, we secure the future.

ABOUT TELCO SYSTEMS

Telco Systems delivers an industry-leading portfolio of Carrier Ethernet and MPLS-based demarcation, aggregation and edge solutions, enabling service providers to create intelligent, service-assured, CE 2.0-compliant networks for mobile backhaul, business services and cloud networking. Telco Systems' end-to-end Ethernet, SDN- & NFV-ready product portfolio delivers significant advantages to service providers, utilities and city carriers competing in a rapidly evolving telecommunications market. Telco Systems is a wholly owned subsidiary of BATM Advanced Communications (LSE: BVC). To learn more, visit Telco Systems at www.telco.com, or follow Telco Systems on [Twitter](#), [LinkedIn](#) and [Facebook](#).

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