

EMAAR SCALES PREMISES AND CLOUD SECURITY DEFENSES TO THE NEXT LEVEL WITH CHECK POINT

EMAAR

Organization

Emaar is a multinational real estate development company with six business segments, 60 active companies, and presence in 36 markets across the Middle East, North Africa, Asia, Europe, and North America.

Challenge

- Scale security to keep pace with rapidly growing network traffic
- Significantly reduce the complexity of managing a multi-layered hybrid infrastructure
- Ensure consistent protection across cloud and on-premises environments

Solution

- Check Point Quantum Security Gateways
- Check Point Quantum Maestro Hyperscale Orchestrator
- Check Point CloudGuard Network Security
- Check Point Security Management

Benefits

- Gained massive scalability for ensuring security on demand for high volumes of network traffic
- Consolidated, simplified, and automated management through a single, centralized view
- Deployed real-time threat prevention consistently across premises and cloud infrastructures

"We gained the highest level of security across our premises and cloud infrastructures. Check Point delivered the threat prevention, scalability, and manageability we needed. At the same time, we're well positioned to begin adopting a zero-trust framework as we move into the future."

- Bino Joseph, Group CTO/CIO, Emaar

Overview

Emaar is a multinational real estate development company based in Dubai, United Arab Emirates.

Business Challenge

Extending Security at Scale

Emaar Properties is known for large-scale projects, such as developing Burj Khalifa, the world's tallest building. However, the company's other businesses span residential communities, entertainment, shopping malls, hospitality, and leisure properties. It has won dozens of awards for business excellence in categories including operations, property management, maintenance, sustainability and customer experience. The Emaar Group IT is responsible for securing assets and providing services to the company's various groups.

The enterprise infrastructure enables employees to conduct all business seamlessly and securely. It combines on-premises data centers with assets and workloads across Microsoft Azure, Google Cloud Platform (GCP), Oracle Cloud Infrastructure (OCI), and VMware NSXT private clouds.



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- Muzamil Abdulkarim,
Senior Director – Technology,
Emaar

A second digital platform hosts services for homeowners and commercial real estate tenants, enabling them to make payments, book facilities, and manage other related tasks.

High market demand significantly increased network traffic, straining Emaar's IT and security infrastructure. The infrastructure supports approximately 100,000 users per day during the week, peaking at 300,000 users per day on weekends.

"Business growth is always a positive," said Bino Joseph, Group CTO/ CIO for Emaar. "As we continue to add properties, users, and services, we need to ensure that our security defenses keep pace. We needed a better way to accommodate today's growth and scale for future expansion without having to frequently rip and replace our investments."

Managing an ever-growing hybrid infrastructure had become challenging. The company is committed to a defense-in-depth strategy, segmenting its infrastructure and securing layers with numerous controls. The IT team needed a way to simplify and streamline management while making sure that operations adhered to security best practices.

Emaar had deployed Check Point solutions in the past. Now, rapid growth required that the IT team be able to segment the network and secure each segment. They needed to simplify access control and unify on-premises and cloud security management. Finally, they needed to expand next-generation threat prevention beyond the perimeter to core infrastructure.

SOLUTION

Consistent Protection Everywhere

The Emaar team once again chose Check Point. They upgraded their existing firewalls to Check Point Quantum Security Gateways for next-generation threat prevention on the network, clouds, data centers, and remote users. SandBlast threat prevention and a unified management platform protect Emaar against the most sophisticated cyber attacks.

Check Point Quantum Maestro Hyperscale Orchestrator brings scale, agility, and the elasticity of the cloud to existing gateways. Maestro enables on-demand scale—expanding Quantum Security Gateways up to the performance of 52 gateways supporting millions of connections. Managing multiple firewalls in a Security Group or firewall cluster as one firewall object greatly simplifies provisioning and policy management.

Check Point CloudGuard Network Security provides the same advanced threat prevention with automated network security for Emaar's cloud environments. CloudGuard offers the most secure threat prevention with an industry-leading catch rate for malware, ransomware, and other attacks. Cloud assets are protected by north-south and east-west traffic inspection.



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- Velmurugan Segamani,
Group Head of Technology Security
& Compliance, Emaar

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Benefits

Easy Manageability for Everything

Check Point Security Management consolidated visibility across the environments. Security gateways are automatically configured and optimized based on traffic characteristics, reducing time required of the IT team. In the past, the team had to manage multiple access control lists. Today, it's done in minutes through central management.

Automation makes it easier for the team to maintain consistent policies and perform timely updates across all gateways. They can install policy in seconds and upgrade remote gateways with a click. Emaar also benefits from Check Point ThreatCloud's AI-powered global threat intelligence. ThreatCloud continuously and automatically updates Check Point gateways, achieving the industry's best block rates and preventing zero-day attacks in real time.

"Check Point Security Management raised the bar for our team," said Velmurugan Segamani, Group Head of Technology Security & Compliance, Emaar. "We consolidated visibility and traffic monitoring across our hybrid infrastructure in a single pane of glass. Check Point Security Management saves huge amounts of time and enables us to be extremely agile in our threat response."

Real-Time Threat Prevention in Place

New zero-day threats emerge every day. Emaar stays ahead with a prevention-first strategy. Check Point Quantum with SandBlast zero-day protection combines evasion-resistant threat emulation (sandboxing), powerful AI engines, and threat extraction (content disarming and reconstruction) capabilities to preemptively sanitize email and web downloads.

"We gained the highest level of security across our premises and cloud infrastructures," said Mr. Joseph. "Check Point delivered the threat prevention, scalability, and manageability we needed. At the same time, we're well positioned to begin adopting a zero-trust framework as we move into the future."