

# Secure Private Cloud Delivers Agility to Global Asset Management Company

Check Point vSEC for VMware NSX  
Helps Company Easily Extend  
Current Protection and Management  
to Private Cloud Environment

## Customer Profile

This global asset management company has almost \$620 billion under management.

## Challenge

- Gain ability to securely segment and protect applications, whether on-premises or in the cloud
- Simplify management of private cloud security
- Gain visibility into traffic inside the data center or lateral threat prevention for internal traffic

## Solution

- Check Point vSEC for VMware NSX

## Benefits

- Secured the NSX powered cloud environment rapidly and easily
- Simplified and unified security management with single console for management, correlation, and logging
- Automated private cloud network infrastructure, enabling traffic redirection or protection through physical gateways simply by assigning resources to a security group
- Extended existing protection and policies to the cloud for consistency and uniformity across the infrastructure

“Check Point vSEC for NSX allows us to micro-segment our data center and protect traffic at a granular / the segment level. Before, it was very difficult to segment and apply policy to inter-VLAN traffic. The biggest ROI we’ve seen is the ability to capture all of that internal traffic and extend the same security policies on our physical perimeter gateways across the whole infrastructure.”

— Senior IT Network Analyst

## Overview

### Global Asset Management Company

The company serves more than 19 million clients worldwide with industry-leading retirement plans, Employee Stock Ownership Plans (ESOPs), deferred compensation plans, and insurance offerings. Businesses, governments, institutions, and individuals turn to it to help them achieve their financial goals. Founded in the U.S., the company operates in Asia, Europe, Australia, Latin America, and North America.




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— Senior IT Network Analyst

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## Business Challenge

### Investing in the Cloud for Added Agility

Financial services organizations, such as insurance companies, investment banks, and asset managers, realize that extracting value from “big data,” will make them more successful and competitive driving new revenue streams and cost efficiencies. With this vision or goal, in-house development teams are creating new financial models and algorithms by tapping into unstructured data sources, machine learning, and predictive analytics capabilities. This helps asset manager’s development teams as they needed more agility and flexibility as they developed and tested new applications in short time frames.

“Our developers want to be able to quickly spin up a virtual environment for testing or Quality Assurance (QA) purposes and then spin them down just as quickly,” said the Senior IT Network Analyst for the asset management firm. “They need workloads at some times and not others, so we’re moving to a private cloud model for more hosting flexibility to service these dynamic compute requirements”

The firm’s security infrastructure team already managed firewalls and rules, proxies, and remote access using Check Point solutions. However, as they deployed a VMware NSX private cloud environment, they needed to secure it while maintaining security for their existing data center applications.

“We have a number of home-grown, proprietary applications that we will not move to the cloud,” said the Senior IT Network Analyst. “We wanted the ability to segment and protect applications, regardless of whether they are hosted in our traditional data center or in the cloud without compromising security for either environment.”

## Solution

### Orchestrating the Migration

The team looked at several potential solutions for securing their private cloud environment before choosing Check Point vSEC for VMware NSX, which protects internal data center (east-west) traffic with multi-layered protections. It transparently enforces security between virtual machines at the network level, automatically quarantines infected machines for remediation, and provides comprehensive visibility into virtual network traffic patterns and threats.

“Check Point vSEC for VMware is a more robust solution than others we evaluated,” said the Senior IT Network Analyst. “vSEC gives us the deep packet inspection we wanted, as well as the orchestration and automation we’re looking for.”

What’s more, the team deployed VMware NSX ahead of schedule and decided to deploy Check Point vSEC for NSX without vendor or partner assistance. With the help of the administrator’s guide, they had the NSX cloud environment secured in under an hour. In addition, they transformed existing physical Check Point gateways into vSEC gateways using the Check Point R80 Hotfix feature for vSEC.

“We wanted to leverage the existing rule set and management orchestration that we already had,” said the Senior IT Network Analyst. “Now we’ve automated the entire NSX infrastructure to enable automated traffic redirection through the vSEC gateways simply by assigning resources to security groups.”



“Check Point vSEC for NSX is an ideal solution for organizations that need to secure their private cloud.”

— Senior IT Network Analyst

## Benefits

### Extending Knowledge and Current Processes

The asset management company already had Check Point security gateway capabilities like firewall, antivirus, URL filtering, application control, intrusion prevention, and URL filtering capabilities enabled for its data center environment. Check Point vSEC for NSX not only extends those protections to the private cloud, it greatly simplified overall security management. Within NSX, the team redirects all traffic to Check Point vSEC virtual gateway, enabling continuous security protection and management through a single pane of glass. The Check Point R80 management console gives the lean operations team one place to go for consolidated management, correlation, and logging.

“Check Point vSEC for NSX allows us to micro-segment and protect our data center,” said the Senior IT Network Analyst. “Before, it was very difficult to segment and apply security protections to inter-VLAN traffic. The biggest ROI we’ve seen is the ability to capture all of internal data center traffic and extend the same security policies on our physical gateways across the whole physical and cloud infrastructure.”

### Partnering for Protection

As the security landscape evolves, the asset management company values Check Point in helping them navigate the changes and gain confidence and peace of mind. Looking ahead, they plan to try Check Point SandBlast Threat Emulation and Threat Extraction capabilities and look forward to benefiting from other Check Point customers’ experiences.

“Check Point is a trusted solution partner, not just a security help desk to call,” said the IT Network Analyst Senior. “Check Point listens to your concerns, drives the needed changes, and helps you achieve your overall business and technical goals and results. Check Point vSEC for NSX is an ideal solution for organizations that need to secure their private cloud.”



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