

## CASE STUDY

# Global TOP 10 IT Corporation Partners with NSFOCUS on Cloud DPS Holistic Solution and Advanced MSS

### About NSFOCUS

NSFOCUS is an iconic network and cyber security provider for telecom carriers, BFSI, enterprises, healthcare, retail and SMBs. It has a proven track record of protecting over 25% of the Fortune Global 500 companies, including four of the five largest banks and six of the world's top ten telecommunications companies.

NSFOCUS delivers a holistic suite of security products powered by industry leading threat intelligence. These security products work in concert to protect you from massive volumetric DDoS attacks, Web threats and advanced persistent threats (APTs).

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### NSFOCUS Website:

[www.nsfocusglobal.com](https://www.nsfocusglobal.com)

As a global TOP 10 IT corporation, millions of end users access to its services and products every second globally. It's really a big challenge as its business is very complex to protect and any impact on user experience is very sensitive. NSFOCUS answered this challenge with hybrid Anti-DDoS solution, and together with direct connection to NSFOCUS Cloud PoPs, to secure the customer's network and at the same time ensure a robust business performance. In addition, leveraging NSFOCUS's Managed Security Service, the customer reduced the strain on security operations but leaving threat monitoring and proactive protection to experienced NSFOCUS's SOC team. What they do is focusing on their own business only.

### NSFOCUS Solution

High availability deployment on-premises Network Traffic Analyzer (NTA), and direct connection ensures stable connection and continuous protection to our customer.

With Managed Security Service, the customer's business was protected 24/7 proactively. An experienced Technical Account Manager (TAM) was allocated to provide expert support related to the customer's security operations during the entire life cycle of the service. Periodic governance meetings were held to sync up with the customer on security status and make fine-tuned approach for better protection. Proactive tuning and optimization ensures the detection and protection policies always secure customer's business best.

### Optimization of Detection and Protection Capability

Based on detail traffic and business information, NSFOCUS SOC team delivered specific optimization for the customer.

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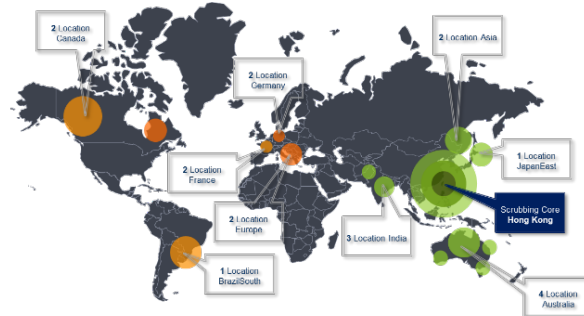
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**MSS Advanced**

- Proactively tuning for customer business stability
- Take different ways to deal with the traffic of each region
- Apply appropriate policies for a variety of business types, customer's core business does not allow any false positive/negative
- The scheme is independently designed and implemented by SOC

**27500+**  
Alerts/Weeks  
A large number of alerts are generated every week, most of which are not real attack events.

**3860+**  
C Segments  
More segments than a telecom company need attention from the SOC team.

**19 Locations**  
The business has a high complexity and the peak points of traffic in different regions are completely different.

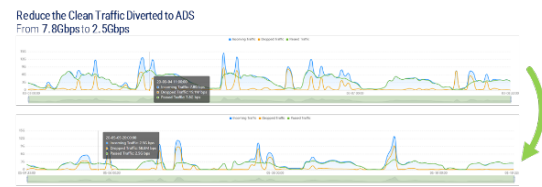
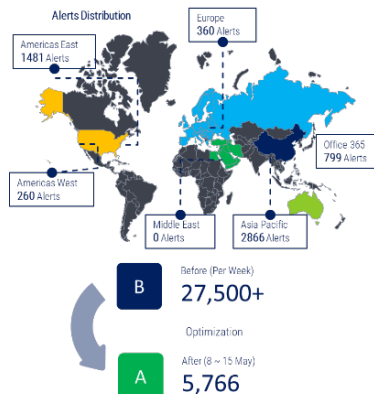
**6Gbps+ Clean Traffic**  
Normal traffic of customers is 30Gbps, and we divert the 6Gbps normal traffic to the ADS during the peak business hours.

The customer's business is all over the world, with lots of prefixes, and large clean traffic to handle. And customer business can't stand any false positive/negative. So NFSOCUS SOC team:

- » Sort different business and different regions into different protection groups
- » Apply appropriate detection and protection policy for each protection group
- » Continuously monitoring and tuning on policies

**Great Improvement Achieved**

After tuning, 80% relative gain was achieved on reducing false positive. On-demand diversion and appropriate policies made less clean traffic being diverted to the Cloud, decreased the possibility to any interruption to normal business during attacks.



**What is the effect of tuning?**

- Proactively tuning still going on
- By applying different traffic models to regional business, reduce diversion frequency to ensure stability.
- Different businesses use unique protection policies
- MSS will design the policy for the new differentiated protection group. Customers only need to read the report for details.