



“Fortinet’s results showed us what’s possible with today’s modern security technologies. We now see the FortiGate-3950B as the foundation to address all our security requirements for many years to come.”

*IT Department
NH Bank*



NH Bank Selects High Performance Fortigate for Next Generation Firewall and Industry-Leading Application Control

Situation

NH Bank (Nonghyup Bank) is the nationwide banking subsidiary of the National Agricultural Cooperative Federation; its 15 million associate members make it one of the world’s largest cooperatives. Recently they have come up against an onslaught of highly advanced targeted attacks. Due to this NH Bank moved to boost its security capabilities. NH Bank required a high performance security solution that would be capable of application control, be able to enforce granular security policies particular to individual users, and be capable of web filtering as well as optimize their network traffic. Additionally, the security solution had to be able to scale and remain reliable at all times in order to route internet traffic from all of the bank’s nationwide branch offices to a centralized datacenter at its headquarters, for the purpose of single-point policy control and management. NH Bank’s individual requirements and high performance needs made it a suitable candidate for a Fortinet solution.

Details

Customer Name: NH Bank

Industry: Finance

Location: South Korea

Challenges

- Achieve stringent PCI compliance within a major complex network
- Safeguard seamless migrations for banks/payment processors and their highly sensitive, low-latency data

Objectives

- Create a scalable and reliable security solution capable of growth
- High performance capable of application control, web filtering, and optimizing network traffic

Deployment

- FortiGate-3950B

Solution

NH Bank of South Korea selected Fortinet's FortiGate-3950B next generation firewall as the backbone of a new security solution to secure its network. Ultimately, nine major international and domestic security vendors participated in NH Bank's tests in order to demonstrate system performance in security and management capabilities. Fortinet's superior performance led to their selection as NH Bank's next security vendor. During the test, Fortinet's FortiGate-3950B outperformed competitors by delivering IPS, application control, and throughput for a combined firewall of 20 Gbps. This performance over the wire was achieved for both 1500-byte and 64-byte packets, which NH Bank determined to be critical for maintaining VoIP traffic, mobile, and traditional wired systems as a part of their security solution. One of the most important factors in Fortinet's selection was its high performance across a wide range of packet sizes. The FortiGate-3950B's ability of providing outstanding application control, web content filtering and monitoring led it to be the superior appliance when compared to the competitors. Its application control and filtering security features are powered by FortiGuard Labs. FortiGuard Labs currently supports nearly 2,500 applications, which are also customizable if required by customers based on specific needs. The FortiGate's web filtering prowess enables it to block undesirable content, in turn improving employee productivity and simultaneously lowering risk.

Success

Since deployment of the FortiGate-3950B, NH Bank has successfully standardized its network security environment. Even with an increase in internet traffic at the centralized network control center, the FortiGate-3950B is capable of rapidly processing data while maintaining ease of use in terms of configuration and management. Setting up or changing policy for meeting compliance requirements are now smooth and simple to implement. "Our enterprise-class security appliances regularly beat the competition in real-world tests. The FortiGate-3950B lives up to its performance promises, which is a testament to the technology and R&D innovation that we have put behind our solutions," said Patrice Perche, Fortinet's Senior Vice President of International Sales & Support. "We are committed to developing the best next generation firewalls on the market and bringing more security and control to financial services firms, government organizations, and large enterprises around the world."



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