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*Mr. Ross Xiao (Chinese name Xiao Peng)
Deputy General Manager
IT Sharing Service Center
ENN Group*



CUSTOMER NAME

ENN Group

INDUSTRY

Clean Energy Resources

CHECK POINT PRODUCTS

- UTM-1 Total Security™ Appliances
- SecureClient™
- SmartCenter™
- Eventia® Suite

CUSTOMER NEEDS MET

- Increase the availability and redundancy of the network
- Future-proof scalability
- Simple centralized management
- Real time security event management

ENN Group Selects Check Point for More Efficient and Scalable Security with Centralized Management

ABOUT ENN GROUP

Founded in 1989, ENN Group, headquartered in the Hebei Province of China, is committed to the development and utilization of clean energy. Its mission is based on gas distribution and the exploitation of coal-based clean energy. ENN explores hydrogen energy and bio-energy through the recycling treatment of carbon dioxide (CO2) to establish zero emissions and clean utilization of coal-based energy during its lifespan. ENN Group has formed a complete clean energy industry chain covering energy supply and service, logistics, trading, development, and production. They have developed a high-technology and finance business to drive the rapidly expanding and sustainable ENN enterprise. By the end of September 2008, ENN had set up more than 100 subsidiaries in over 80 cities across China and the world, and employed more than 24,000 people with total assets of USD 4 billion.

THE ENN GROUP CHALLENGE

The risk of network security breaches has soared with the rapid growth in Internet traffic. Compromised PCs can easily spread attacks to other systems and cause far-reaching damage. With an outmoded firewall, ENN lacked an effective blocking policy. Viruses and other attacks were not effectively detected and blocked before spreading into the ENN network.

In addition, there was concern for relying on a deployment that could be a single point of failure. With only one firewall, if it were to break down, there would be no efficient way to regain secure access to the Internet and VPN. Managing stand-alone firewalls was time consuming and prone to error, and analyzing multiple firewall logs was difficult. Finally, VPN access and performance were inconsistent. ENN used multiple ISPs, but VPN clients could not select the optimum link without manual intervention.



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THE CHECK POINT SOLUTION

As ENN Group grew and relied increasingly on the Internet, it became essential to strengthen network security.

“The Check Point solutions are highly acclaimed for powerful protection and functionality in the market. Check Point logically became our number-one choice,” says Ross Xiao (Chinese name Xiao Peng), deputy general manager of the IT Sharing Service Center.

ENN Group selected two Check Point UTM-1 Total Security™ 1050 appliances (now UTM-1 1070), which work as a cluster installed at the company headquarters. The two-member cluster provides dual standby and load balancing and can expand to an eight-unit cluster. This allows ENN the scalability needed for their rapidly growing business. This solution also increases the availability and redundancy of the network for their two ISP links from China Netcom and China Telecom.

In addition, six area centers located in other cities deployed UTM-1 Total Security 450 (now UTM-1 570) and 270 appliances. These UTM security appliances provide comprehensive security protection and VPN access to the business units managed by the area center. Firewalls at some other remote branches remained unchanged. The only adjustment needed to connect the offices with legacy firewalls was to transfer the VPN tunnel to the new firewall system at headquarters.

By using SecureClient™, employees who are out of the office can conveniently and securely access internal ENN resources via firewalls located at headquarters and six area centers. Anywhere they travel, they can choose the best path into ENN’s internal network. For example, an employee traveling to Changsha can choose “Cncsfw1”, which will go through the firewall located in Changsha, improving access speed.

Additionally, ENN deployed SmartCenter™ for centralized management of eight firewalls, as well as Eventia® Suite, including Eventia Analyzer and Eventia Reporter, for security auditing and analysis. SmartCenter management tools simplify upgrade tasks, while Eventia Suite enables IT administrators to analyze security logs in real time and provide customized reports for security audits. With these centralized

management tools, ENN has saved time and reduced the cost of monitoring and supporting network security.

“The solutions from Check Point fully integrate within our existing network system, which helps to preserve our existing investments while providing our network with full protection and centralized management,” says Mr. Ross Xiao.

Check Point also provided ENN with one year of service through its Collaborative Enterprise Support program. First-line support is provided by a certified local provider, with full back-end support from Check Point. This solution meets the ENN need for 24X7 support coverage.

THE BENEFITS OF CHECK POINT TOTAL SECURITY

The Check Point UTM-1 Total Security appliances now provide ENN with the redundancy needed to provide uninterrupted security and high availability for VPN access. The centralized management of these appliances has enabled ENN security administrators to easily configure and centrally deploy policy updates, which improves the quality of VPN access.

“The new deployment is important to us. We expect that it will not only cater to our existing security needs, but also accommodate our security needs over the next several years,” says Xiao. “The solutions from Check Point are also compatible with our existing security infrastructure. In terms of both cost efficiency and long-term planning, Check Point is undoubtedly the best choice.”

THE FUTURE OF ENN GROUP

ENN Group is involved in a variety of business ventures and has a wide-reaching network to support its operations. Due to the growing complexity of technologies and the severity of network attacks, from time to time ENN will need to strengthen its security deployment.

“Nowadays a secure and reliable network is pivotal to the healthy development of a company,” says Mr. Xiao. “ENN is committed to keeping up with market and industry change. We encourage security vendors like Check Point to continue to introduce advanced solutions to the market and satisfy our growing security needs.”

CONTACT CHECK POINT

Worldwide Headquarters

5 Ha' Solelim Street, Tel Aviv 67897, Israel | Tel: 972-3-753-4555 | Fax: 972-3-624-1100 | Email: info@checkpoint.com

U.S. Headquarters

800 Bridge Parkway, Redwood City, CA 94065 | Tel: 800-429-4391; 650-628-2000 | Fax: 650-654-4233 | www.checkpoint.com