



Customer Spotlight

Bank of Xi'an

Bank of Xi'an chooses Clavister/Amaranten network security solutions to strengthen network security

"We were looking for a reliable solution to protect our network. Clavister met all our demands, and its central management and monitoring capabilities has surpassed our expectations."

Liu Fei, Network System Engineer, Bank of Xi'an

Bank of Xi'an needed a solution to reinforce their network security with solid protection against Internet attacks such as viruses, worms, trojans, and fishing. The bank's offices are interconnected by high-speed WAN links (100MB/s bandwidth), so the solution needed to be able to cope with concurrent gigabit connections. Other demands were no single point of failure and centralized management.

Clavister security gateways were chosen to meet these challenges, products that integrate flexibility, reliability and high performance. The products are also simple to manage and have been proved to require a minimum of maintenance.

Today a total of four Clavister security gateway clusters are deployed. The clusters are assigned different tasks. One cluster protects e-mail, virtual hosts and network transmission, another one secures external IT services (web, database, and mail servers). The third cluster provides VPN tunnels to third party devices while the fourth cluster secures several concurrent gigabit links between the central data center and the branch offices.

Proof of concept

Two Clavister F600 security gateways in a high availability (HA) configuration were installed in the data center. The test protocols revealed no IP transmission delay or interruptions. After a testing period of several months, there were no errors in the isolation layer between the internal and external networks, the users did not notice the presence of the test equipment, not even when switching over to the backup systems in the HA configuration. Operation logs showed a number of failed attack attempts (viruses and port scanning), the servers were totally unharmed.

Challenges

- Bank of Xi'an needed a solution to strengthen its network security and to isolate its internal and external networks.
- Key demands were no single point of failure and central management and monitoring.
- A number of mission critical servers needed protection.

Solutions

- Clavister AS F600Pro security gateways.
- Finetune central management software.
- There are plans to activate expandable UTM in the main cluster to further improve the network security.

Benefits

- Vastly improved network security with efficient prevention against and viruses and other network attacks.
- Fully monitored firewall clusters.
- Easy upgrading to future firmware releases.
- Central management saves a lot of work with no performance bottlenecks.
- Seamless failover, with no interruptions.

The bank also tested the new Clavister expandable UTM (xUTM) in its laboratory. Plans are now to further reinforce the network security by implementing IDP functionality.

Clavister products involved

Bank of Xi'an currently has two Clavister Security Gateway F600 series together with Finetune, Clavister's network management and monitoring tool.

ABOUT BANK OF XI'AN

Bank of Xi'an is a commercial bank founded 1997 by Xi'an municipal government, Chinese Cinda Asset Management, Canadian Scotiabank, as well as local large and medium-sized enterprises. At the end of 2009, the bank successfully finished its strategic investment and financial restructuring work, with capital base reaching 3 billion Yuan. The bank presently has 113 branch offices organized under two city banks. The staff exceeds 2,200 people. www.xacbank.com

COUNTRY

China



INDUSTRY

Financial Services

About Clavister

Clavister is a leading security provider for fixed, mobile and virtual network environments. Its award-winning solutions give enterprises, cloud service providers and telecoms operators the highest levels of protection against current and new threats, with unmatched reliability. Clavister's performance in the security sector was recognized with the 2012 Product Quality Leadership Award from Frost & Sullivan. The company was founded in Sweden in 1997, with its solutions available globally through its network of channel partners. To learn more, visit www.clavister.com.

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