



Powerful, Scalable, Secure

Well Thought-Out Barracuda NextGen Firewall F-Series Configuration Concept Convinces Sanochemia



Profile

Schoellerbank is one of the leading private banks in Austria and a member of the HVB Group

Challenges

- eBusiness Infrastructure divided into several security zones
- Managed by multiple administrators
- New infrastructure needed to be implemented in less than 3 hours

Solutions

- Barracuda NextGen Firewall F-Series
- Barracuda NextGen Control Center

Results

- Real-time visualisation, real-time statistics, and Integrated sniffer
- Created a flexible and scalable infrastructure for future growth
- Highly reliable and secure distributed network with Centralised management of all locations through Barracuda NextGen Control Center
- Integrated DNS, load sharing for web server farm

About Schoellerbank

Schoellerbank is one of the leading private banks in Austria and a member of the HVB Group. It services demanding clients with asset management and insurance products as well as financial planning support. Austria's largest online broker, the direktanlage.at, also originated at Schoellerbank.

The infrastructure of the direktanlage.at is therefore operated from the Schoellerbank for historical reasons. Since customers are offered the latest services in the e-Banking sector the demands placed on a new security infrastructure were high, particularly as these were also supposed to incorporate services such as stock price information (Reuters, Bloomberg) and the intranet information systems run by the HypoVereinsbank. The e-Business infrastructure was divided into several security zones. Different firewall systems were in use, including products by one of the firewall market leaders.

The Challenge

The direktanlage.at and Schoellerbank were to be separated in order to increase future flexibility and to implement a powerful, scalable security structure. The requirements here were accordingly high. All external connections were to be separated from the internal networks by firewalls which had to be managed by several administrators with individual areas of responsibility and authorisation. In order to safeguard the permanent availability of services by Schoellerbank and direktanlage.at for customers, all components were designed to be highly available. The migration of the old system to the new one had to be implemented in just three hours and was accompanied by a partial migration of the network from Token Ring to Ethernet.

Straightforward Implementation of Barracuda NextGen Firewall F-Series

Several redundant Barracuda NextGen Firewalls were deployed, which are managed from a multi administrator capable management center. Within the timeframe a network redesign with a new security structure had been jointly developed by Barracuda and Schoellerbank; it fulfilled all set objectives could be implemented smoothly. The existing firewalls and several packet filter gateways were replaced within just three hours. With the complexity of the task, most special Barracuda NextGen Firewall F-Series features were deployed—such as integrated DNS, load sharing for the web server farm and many more. Thanks to the excellent management tools (real-time visualisation, real-time statistics as well as integrated sniffer) the firewall has now also taken over a vital role in the trouble shooting of the brokerage systems.

About the Barracuda NextGen Firewall F

The Barracuda NextGen Firewall F-Series is the enterprise-grade network firewall that combines comprehensive, next-generation firewall capabilities - based on application visibility and user-identity awareness - with optimal efficiency and throughput. Coordinated WAN optimisation, centralised management, and cloud-hosted content filtering and reporting are just a few of the key features supporting enterprise requirements.



All of this has considerably improved both customer satisfaction as well as availability and extensibility of the online brokerage platform. A very special feature for the direktnlage.at is that Barracuda also propagates the multi-cast based Xetra market price information system.

Scalability

Meanwhile Barracuda NextGen Firewall F-Series has been expanded further. The special Barracuda NextGen F-Series technology allows organisational changes to be easily mirrored with Barracuda NextGen Firewalls. Plus, the Barracuda NextGen Control Center, they can also be smoothly managed while requiring only limited administration efforts.

Barracuda NextGen Firewall F-Series improved both customer satisfaction as well as availability and extensibility of the online brokerage platform.

Barracuda NextGen Firewall F Fast Facts

- Powerful next-generation firewall
- Intelligent data traffic regulation and profiling
- Central administration of all the functions
- Integrated IDS/IPS
- Integrated IQoS- and Link-Balancing
- Predefined and Role Based configuration

About Barracuda Networks, Inc.

Protecting users, applications, and data for more than 150,000 organisations worldwide, Barracuda Networks has developed a global reputation as the go-to leader for powerful, easy-to-use, affordable IT solutions. The company's proven customer-centric business model focuses on delivering high-value, subscription-based IT solutions for security and storage. For additional information, please visit www.barracuda.com or follow us on [Twitter@barracudaEMEA](https://twitter.com/barracudaEMEA).