

About Schoellerbank

The 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 the Schoellerbank.

Powerful, scalable, secure

Barracuda NG Firewall in use 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 the Barracuda NG Firewall

Several redundant Barracuda NG Firewalls were deployed, which are managed from a multi-administrator capable management centre. Within the defined timeframe a network redesign with a new security structure - which had been jointly developed by Barracuda and Schoellerbank - which fulfilled all set objectives could be smoothly implemented. The existing firewalls and several packet filter gateways were replaced within just three hours. With the complexity of the task, most special NG Firewall 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 visualization, realtime statistics as well as integrated sniffer) the firewall has now also taken over a vital role in the trouble shooting of the brokerage systems.

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

Scalability

In the meanwhile the Barracuda NG Firewall has been expanded further. The special NG technology allows organizational changes to be easily mirrored with the Barracuda NG Firewalls. And with the Barracuda NG Control Center they can also be smoothly managed while requiring only limited administration efforts.

About Barracuda Networks Inc.

Barracuda Networks Inc. built its reputation as the worldwide leader in content security appliances by offering easy to use and affordable products that protect organizations from email, Web and IM threats. Barracuda Networks has leveraged its success in the security market to offer networking products that improve application delivery and network access as well as world-class solutions for message archiving, backup and data protection. Coca-Cola, FedEx, Harvard University, IBM, L'Oreal, and Europcar, are amongst the 100,000 organizations protecting their networks with Barracuda Networks' solutions. Barracuda Networks' success is due to its ability to deliver easy to use, comprehensive solutions that solve the most serious issues facing customer networks without unnecessary add-ons, maintenance, lengthy installations or per user license fees. Barracuda Networks is privately held with its headquarters in Campbell, Calif. Barracuda Networks has offices in 10 international locations and distributors in more than 80 countries worldwide. For more information, please visit www.barracudanetworks.com.



Barracuda NG Firewall Cost Efficiency at a glance

- Extendable Barracuda NG systems offer companies sustainable investment protection.
- Unique management functions allow for quick and efficient roll-outs.
- Central management lets you save significant time and effort.
- Unique license and appliances/server hardware combination lets you achieve a maximum of flexibility and cost optimization.