



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.

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 Hypo-Vereinsbank. 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 netfence solution

Several redundant phion netfence portal systems 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 phion 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 netfence 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.

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 phion also propagates the multi-cast based Xetra market price information system.

Scalability

In the meanwhile the netfence solution has been expanded further. The special netfence technology allows organisational changes to be easily mirrored with the netfence products. And with the Management Centre they can also be smoothly managed while requiring only limited administration efforts.

Company Facts

- **Sector**
Financial
- **Balance sheet result (P&L)**
€ 1.34 billion
- **Number of employees**
361
- **Locations**
14
- **Customers**
Approximately 28,100

Source: www.schoellerbank.at / 2004

