



About European School Frankfurt

The decision to locate the European Central Bank in Frankfurt am Main gave the impetus for the foundation the European School Frankfurt am Main. It gives the European Central Bank employees from across Europe the required pan-European mobility. The existence of the European School Frankfurt am Main meets the prerequisites for bringing up their children in their respective native language and national traditions and so simplifies a later reintegration back in their home countries.

Lessons began at the European School Frankfurt in September 2002 with some 220 registered pupils in classes 1 to 5 in the primary level and roughly 100 children in the Kindergarten/ pre-school. In the academic year 2003/2004 classes 1 to 5 in the secondary level were opened in four language sections (German/ English/ French/Italian). At present some 1,100 pupils attend the school. The number of teaching staff is also growing in the same proportions. While there were initially 30, the ESF currently employs some 138 teachers. The campus of the European School Frankfurt is located in the northwest of the city



European School Frankfurt

Virtual private network makes school life secure

With an integrated hard- and software solution by Barracuda Networks, the European School in Frankfurt (ESF) has recently started being able to provide its pupils and teaching staff with tap-proof und tamper-proof online access to the school server.

With approximately 1,100 pupils at the European School in Frankfurt (ESF), founded in 2002, it is a matter of course that pupils from year 5 upwards learn with the computer on a daily basis across all subjects. And for this, the ESF is equipped with the latest information technology. Since February of this year this includes a Barracuda SSL VPN solution installed by the IT System Company Giegerich & Partner which forms the basis of the school-internal VPN extranet. Pupils and teachers use this virtual private network primarily for file transfer – i.e. to retrieve or transfer their own documents, such as PowerPoint presentations, for example. IT manager Oliver Kurz has set up individual directories for each pupil as well as class directories with hierarchical, role-based access authorization rights: From home the ESF pupils have read-only access to the class directory as well as read and write access in their own “home” directories while they can also work in and add files in their respective class directory at the same time via a school PC.

IT manager Kurz therefore no longer has to worry about memory and USB sticks which may be infected with viruses, Trojans or spyware and as such pose a potential risk for the entire internal school IT network.

“With the SSL VPN solution by Barracuda Networks each pupil and teacher can be connected automatically via a “tunnel” directly with our school server and with others in our VPN extranet computers from any computer (VPN client) – even for example from an Internet café. The communication and data traffic between the linked computers is automatically safely encrypted,” explains the IT expert about the principles of the technology.

“With the Barracuda SSL VPN solution each pupil and teacher can be connected automatically via a “tunnel” directly with our school server and with others in our VPN extranet computers from any computer (VPN client) – even for example from an Internet café. The communication and data traffic between the communicating computers is automatically safely encrypted”

-Oliver Kurz,
IT Manager at European School Frankfurt

An unsafe or unprotected public computer in an Internet café can even be used as a VPN client thanks to a particular additional function of Barracuda’s SSL VPN devices: Each time a user logs off or disconnects, a “remote” cache-cleaning program automatically begins which completely deletes all traces of the secured online session from the cache and web browser history on the external computer.

For principle Peter Friss the SSL VPN solution mirrors the generally high quality standard of the European School in Frankfurt: “In terms of IT security we also want to use the latest technology and thus underline our claim of being among the best schools - not just in pedagogical terms.”



Barracuda SSL VPN

- Enables secure, clientless remote access
- Leverages multi-factor, layered authentication mechanisms
- Utilizes policies for granular access control framework

About Barracuda SSL VPN

The Barracuda SSL VPN is an integrated hardware and software solution enabling secure, clientless remote access to internal network resources from any Web browser. Designed for remote employees and road warriors, the Barracuda SSL VPN provides comprehensive control over file systems and Web-based applications requiring external access. The Barracuda SSL VPN integrates with third-party authentication mechanisms to control user access levels and provides single sign-on.

Barracuda Networks - Virtual private network makes school life secure

The ESF is indeed a remarkable school in more than one way – especially because of the unique, broad, multi-lingual academic program, of which principle Peter Friss can be proud. The pupils and their parents can choose between four language departments in which a total of 15 European languages are taught. So it is no surprise that at the moment more and more classrooms in the primary as well as in the secondary levels are also being equipped with Smartboards to complement the traditional blackboards in classrooms at the ESF in the future.

Barracuda SSL VPN solution wins the award as best IPsec / SSL VPN solution of 2010

The renowned SC Magazine voted Barracuda SSL VPN as the best IPsec / SSL VPN solution: A readers' jury comprising security and technology experts rated the Barracuda solution as the best product in the aforementioned category.

“ Also in terms of IT security we want to be up-to-date the latest technology and thus underline our claim of being among the best schools not just in terms of pedagogic. We live up to this claim with the Barracuda Networks solution ”

-Peter Friss,
School principal at European School in Frankfurt

About Barracuda Networks Inc.

Barracuda Networks Inc. combines premise-based gateways and software, cloud services, and sophisticated remote support to deliver comprehensive security, networking and storage solutions. The company's expansive product portfolio includes offerings for protection against email, Web and IM threats as well as products that improve application delivery and network access, message archiving, backup and data protection. Coca-Cola, FedEx, Harvard University, IBM, L'Oreal, and Europcar are among the more than 100,000 organizations protecting their IT infrastructures with Barracuda Networks' range of affordable, easy-to-deploy and manage solutions. Barracuda Networks is privately held with its International headquarters in Campbell, Calif. For more information, please visit www.barracudanetworks.com.