



About ANTENNE BAYERN

More than three million people listen to the ANTENNE BAYERN radio station every day. Since 5th September 1988, the complete 24-hour program has been transmitted to 41 antennas across Bavaria by the central broadcasting studio in Ismaning. Just one year after launch, ANTENNE BAYERN was the most successful private radio station in Germany, measured in terms of listeners' range. The station has continued to expand its leading market position to this day and is now more successful than the private and state run public broadcasting competitors. The audience is not just restricted to the Free State of Bavaria though – and extends beyond to neighboring federal states as well as Austria, Switzerland and the Czech Republic. Fans from all over the world also listen in via the Internet – from Canada to the Fiji Islands.



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.



ANTENNE BAYERN

On the air around the clock with Barracuda NG Firewall

Core requirements: Efficient management and high availability

As a result of this situation the IT team – in particular Horst Hamberger, Michael Vogel and Michael Kersch, technical manager at ANTENNE BAYERN – decided to migrate the firewall and high availability (HA) infrastructure to a new, sustainable basis in 2007. "One of the main motivating forces behind the conversion was to make the infrastructure homogeneous. We wanted to make the administration faster and more efficient at the branch offices too, with an integrated management concept", explains Horst Hamberger. "We also wanted to implement a truly high performance HA solution. There are many products in this field, but only a few came up to our expectations."

A very fast rollout

So the decision in Barracuda's favour was clear and the ensuing rollout provided the ideal opportunity to prove just how good the management concept is. The IT team implemented a highly available firewall solution, which corresponds to today's technology standards and continually synchronizes existing sessions between the HA partners at the company headquarters first of all. The solutions for the six correspondents' offices were also prepared for at the headquarters, making visits to the branch offices superfluous. VPN and security settings as well as other configurations were completed ahead of time – the boxes were then just hooked up to the DSL connections in the branch offices – and the job was done. Horst Hamberger: "The rollout effort was really limited to a minimum, because we were able to prepare everything perfectly ahead of time. So there was no installation or configuration work on site at the branch offices. Just three months passed between the decision and the rollout, and the actual rollout just took about one day."

Management concept shows its strengths

The required efficiency increases were realized with the homogeneous infrastructure and can now be maximized using the Barracuda NG Management Concept. The ANTENNE BAYERN IT team doesn't mind today whether a firewall is in Munich, Regensburg or Nuremberg. The administrator works with a consistent interface and has an immediate real-time status overview of the entire environment. So ANTENNE BAYERN not only benefits from a reduced administration expenses with improved security features, but also from better support. "If difficulties arise, we can immediately see where they are, what is going on at the location and how we can help. Before we had Barracuda NG the boxes were relatively autarkical and in order to obtain information, the log functions for certain events had to be activated beforehand - which is, of course, totally absurd, because the administrator is predominantly interested in the current situation when support is required."

“ Barracuda NG Firewall provides integrated HA functionality and adopts a completely different management approach to all the other suppliers. ”

**-Horst Hamberger,
ANTENNE BAYERN GmbH & Co. KG**

About Barracuda NG Firewall Network Security

As the most successful attacks mounted today are within the network, a single remote access link with an unsecured external PC or laptop is often sufficient to allow hackers and malicious codes to open a back door into the company. There are also additional hazards that arise as a result of intentional or unintentional misconduct by some employees. This threat cannot be mastered with perimeter protection alone, because attackers are already behind the network limits.

Crucial business processes run smoothly thanks to multi-gigabit firewall performance and integrated bandwidth management. By combining a Stateful Inspection Firewall with Intrusion Prevention, Denial of Service Protection, intelligent application-selective bandwidth and multipath management plus VPN technology, guarantee constant availability and protection. This is exactly what Barracuda is delivering with NG.

Protection is no longer limited only to the perimeter and branches, but extends to all sensitive network areas. Flexible deployment and support for virtualized environments is crucial for successful realization of clean bit structures in your LAN.

Implementing requirements quickly

ANTENNE BAYERN also appreciated Barracuda NG's logical Management Concept when dealing with special cases which had caused other larger suppliers to fail in the past. For example, the Multicast implementation – that is, the transmission from one point to a group. The advantage of Multicast is that messages can be sent to several recipients or to a closed recipient group simultaneously without the sender having to multiply the bandwidth by the number of recipients. The data packages are duplicated on each distributor on the route. Multicast does not play a significant role in normal environments, but is a core requirement for ANTENNE BAYERN. Hamberger recalls: "With previous solutions, the Multicast implementation was far from satisfactory and could only be realized with considerable expense. But with Barracuda NG Firewall the whole thing took about one hour to consider and ten minutes to set up – everything is so much simpler."

Committed support

Together with Controlware and Barracuda, ANTENNE BAYERN set up Multicast as well as all other requirements that surfaced during the implementation phase without a great deal of bureaucracy. The manufacturer's geographical proximity to the customer was a definite benefit here – if required a competent contact person or even the developers themselves can be approached during normal office hours to help solve any problems. Hamberger emphasizes the quality of the Barracuda support: "We weren't left alone during any phases of the project. On the contrary: Barracuda and Controlware approached us pro actively to see if we needed any support. Whenever we needed a workaround or a fix, we had it within two days at the most. With Barracuda one definitely has the impression that everyone is pulling together to realize the best solution for the customer. Our requirements from the initial specifications were fulfilled by 100 percent. So we don't need to talk about being satisfied – we would definitely decide in favour of Barracuda again in the future."

“ All the information about the firewall status is available in real-time and not hidden away in any old logs. So all situations can thus be resolved in combination with the consistent management interface, regardless of where the box is located. ”

**-Horst Hamberger,
ANTENNE BAYERN GmbH & Co. KG**

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.