



Success Brief

Since 2007, BMA has successfully secured their networks at the Bangalore branch by using the AnexGATE 200+ user appliance.

Bangalore Management Academy



Testimonial

AnexGATE has simplified network deployment and management for us. We have realized an uptime of 99% and there is no disruption in work due to network issues for our organization. AnexGATE is very user friendly, easy to handle and can be managed without any hassles. The after sales service and support is exceptionally good. We have dramatically reduced overhead costs and support personnel.

-Gibson Jose,
Manager- IT Services,
Bangalore Management Academy



Bangalore Management Academy has secured and is successfully managing their networks with AnexGATE Network Security Solution

Bangalore Management Academy

Bangalore Management Academy (BMA) is the new age torchbearer of quality and innovative education in the IT capital of India and has collaboration with top universities from world over.

Executive summary

Business challenge

- Insecurity due to unrestricted Internet access
- Insecurity due to peer-to-peer sharing of content
- Institute vulnerable to illegal access to academic records
- Vulnerable to Internet threats, virus and worms
- Inability to separate administrative and academic networks
- Protect the ethics and learning culture by defining network usage policies

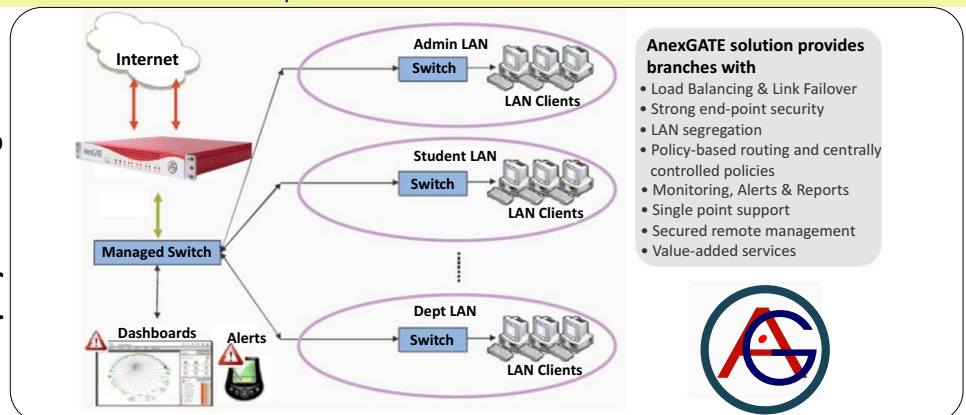
Solution

- Multiple connectivity options for load balance
- Gateway level antivirus and antispam
- Policy based Internet access for students, faculty and administrative staff
- Scalable network equipment for large user groups
- Easy administration with strong reporting functionality
- Advanced stateful packet inspection & application layer firewall
- Proxy with inbuilt cache & access control
- Intrusion detection / prevention system
- Content filtering at gateway
- Extensive customizable reporting on mail usage and net usage
- Network & bandwidth management tools
- URL filtering, content filtering, time policies, web caching, port filtering, and messenger filtering for separate departments based on the type of requirements

Business value

- **Improved Internet user satisfaction** - no downtime experienced
- **Smoother browsing** – protection to internal network against virus, worms, spyware, adware, etc from Internet.
- **Secure and managed network** - fewer disruptions due to virus infections and improper Internet usage
- **Minimization of Capex and Opex** – built-in automated tools and remote management drastically reduces management effort and people cost; no need to buy separate router, firewall, VPN, proxy, etc.
- **More productive staff** – IT assets have higher uptime resulting in fewer IT hassles, and more time spent on core business
- **More effective IT staff** - faster IT response time as network administration is uniform across departments

Education Segment Deployment Diagram



Business challenge

While the Internet continues to be a useful tool for enhancing quality of education, it has also introduced new risks to educational institutes.

In order to protect network, internal information, ethics and students' learning culture, institutes are looking for efficient, powerful and cost effective network security & Internet management solutions.

BMA needed to secure its network infrastructure from external vulnerabilities and threats, including virus and spam. They needed to enforce access control internally to avoid undesirable Internet access, policy and bandwidth management, segregate and localize traffic for optimal network performance.

Because of the fast growth of the institution, BMA was in the process of centralizing their operations and administration. They were also looking for centralizing the education process for various courses offered. All these processes had increased the capacity of HQ with various new components becoming a part of the network like servers, PCs, Laptops, Storage, software, ERP, etc. The network has been upgraded to high Internet line for faster operations. Induction of new technologies like WiFi, VOIP has added to new complexities. All these changes have brought many challenges to the network.

Solution

BMA deployed AnexGATE Unified Security Gateway at their HQ. They got a network infrastructure solution that integrated their Internet application, connectivity, network security, and manageability in one platform.

Internet usage policies

At BMA, the students Internet access is as per policy and restricts undesirable usage and provides comprehensive monitoring mechanism. The complete Internet security with advanced application layer firewall; VPN and intrusion detection / prevention has been implemented. Antivirus and anti-spam at the gateway level ensures that the menace does not enter the network. The network was tested for optimal performance and LAN traffic was segregated at the departmental level to improve overall network performance..

Centralized web proxy / application gateway

Centralized web proxy / application gateway results in improved network performance for entire network. It enables organizations to securely provide users with fast, efficient access to appropriate resources. Access to network resources is controlled by granting or denying access based on authorization, and allowing filtering based on requested URLs. Overall network security is enhanced by facilitating user access through the firewall and reducing user wait times..

Enforce branch network security

BMA uses AnexGATE's Internet usage policy to restrict branch access to a small list of approved sites. The built-in Gateway Antivirus and Firewall make sure that PCs in the branches are protected from all online threats. Full-strength IDS ensures that no threats to the branch servers and PCs escape notice.

LAN segregation

BMA segregates networks into zones for restricting the access with respect to zones ex. global zone, global local zone, local DMZ zone, WiFi zone, WiFi guest zone, secure server DMZ zone, etc. Network is segregated based on users and functions and only authorized access is permitted between departments.

Monitoring, alerts and reports

BMA carries out monitoring of internal services, external services and bandwidth (port based, HTTP access). Alerts are sent through email and SMS to support team. Statistical reports are generated date wise, IP wise, user wise, data wise for easy understanding and making a central database for the same. Scheduled reporting is carried out on daily/weekly/monthly basis..

Secure, fast, and efficient remote support

AnexGATE is designed to make remote IT and network support secure, fast, and efficient. BMA troubleshoots and fixes issues starting from the network to individual PCs and applications remotely. Remote support has become much more effective and has greatly increased the efficiency of BMA support team.

Conclusion

BMA successfully implemented the AnexGATE solution which has helped them in safeguarding and managing their networks efficiently. The features and reliability of AnexGATE have resulted in outstanding student and staff satisfaction. The institution network has become more resilient, and there is total visibility and control of network usage. Central and remote management of IT support has resulted in reduced Capex and Opex leading to overall reduction in TCO.

AnexGATE

Connectivity.Security.Productivity.Manageability

About AnexGATE Network Security Solutions

AnexGATE provides powerful and flexible networking solutions for enterprises with focus on connectivity, security, productivity and manageability of all their locations. More information on AnexGATE's solutions for broking and financial services can be found of www.anexgate.com

For More Details Contact:



AnexGATE Network Security Solutions (A division of SSSPL)

SMILE SECURITY & SURVEILLANCE PVT. LTD. [SSSPL]

21/2, Bhattarahalli, Opp. Smile Electronics Ltd., 16 km Old Madras Road, Bangalore 560049, India

Landline: +91-80-2561 477 3/4/5/6

Fax: +91-80-2561 4666