

S. S. JAIN SUBODH PG COLLEGE

INDUSTRY: Education

HEAD QUARTERED: Jaipur, Rajasthan

PRODUCT: Next Generation Firewall
(GS 240dc)



GajShield application filtering comes to the rescue of S. S. Jain Subodh PG College to secure its network

BACKGROUND

S.S. Jain Subodh PG (Autonomous) College, Jaipur was established under the auspices of S.S. Jain Subodh Shiksha Samiti in 1954 with an aim to provide value based higher education and contribute towards holistic development of the society. Starting from a primary school, the philanthropic visionaries slowly nurtured the sapling into a grand Banyan tree with 19 institutions with 32,000 students under its shade providing education at different levels and in different streams. It has achieved several milestones in its journey and accreditation with 'A' Grade twice, recognition as Model College by State Government, conferment of status of College with Potential for Excellence twice by UGC and award of status of College of Excellence by UGC has added to its stature in North India. With a noble vision statement of Amrit Nu Vidya the Institution is striving ahead for the creation of a stronger Nation with its Youth as its Brand Ambassador World over.

THE CHALLENGE

S.S. Jain Subodh PG College were using a firewall. However, several issues related to support and maintenance were faced eventually over time. For an educational institute, it is imperative to incorporate timely solutions and continuous support apart from managing the ever growing network without compromising with the security and to be compatible with the emerging technologies. In addition to this, a several other requirements needed to be catered to- captive portal to authenticate users, Restriction to access without authentication, blocking of various proxy applications

KEY CHALLENGES:

- Restriction to access without authentication
- Blocking of proxy applications

KEY SOLUTIONS:

- Firewall
- URL and Application Filtering
- IPS
- Performance Management

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- Mr. Pankaj Sharma,
S. S. Jain Subodh PG College



SOLUTION

An educational institute has a consistently growing network that needs to be catered to appropriate security measures from time to time. One cannot simply compromise of security measures like firewalls, and the network needs to be continuously monitored for loopholes as well. Keeping all these security requirements in mind, Gajshield implemented GS240dc an enterprise edition UTM appliance for flexible network connectivity for S. S. Jain Subodh PG College (Jaipur). Gajshield's range of enterprise grade appliances specially incorporates ICSA certified firewall, URL filtering, gateway, antivirus, Application filtering, Intrusion Prevention System and Performance Management has Traffic Analysis, Network behavior analysis, Policy based ISP Failover and Load Balancing as well as Bandwidth Management. These features help to cover the key requirements of the client. In addition to this, the organizations are provided with a complete visibility into various threats and performance inhibitors and will be informed on proactive security measures. The appliances offer flexible network connectivity. Organization can opt for additional port as their network grows without having to buy a newer appliance. The I/O interfaces in the security appliances will ensure enterprises to have freedom to design their networks as per their requirements. GajShield's range of enterprise grade appliance represents all-in-one security appliances and systematically provides network security to organizations which proved to be ideal in this case. The performance management of the appliance has traffic analysis, network behavior analysis; policy based ISP failover and load balancing as well as bandwidth management. GajShield's new appliances also offer future technology upgrades with an easy and cost-effective option in the organizational networks which works perfectly in case of educational institutes like S. S. Jain Subodh PG College (Jaipur).

CONCLUSION

Using GS240dc, the client's requirements for authentication and authorization of users for the access of internet services, filtering of proxy applications and more were successfully achieved and incorporated into S .S. Jain Subodh PG (Autonomous) College, Jaipur's security solution infrastructure. Mr. Pankaj Sharma, the contact person for S.S. Jain Subodh PG (Autonomous) College said, "All the security concerns are now successfully managed and improved thanks to the new security solutions by Gajshield. We are completely satisfied with the new security solutions incorporated into our organization. We're particularly content with the support and maintenance which was a concern for our organization earlier."