

KALYANI GOVERNMENT ENGINEERING COLLEGE BUILDS SECURITY EFFECTIVENESS WITH SONICWALL

West Bengal college ensures continuity while protecting against malware and harmful web content.

Business need

Established in 1995, the Kalyani Government Engineering College (KGE) is an autonomous institute affiliated with Maulana Abul Kalam University of Technology (MAKAUT). KGE is ranked among the top engineering colleges in West Bengal.

Like other post-secondary institutions, KGE struggled with bandwidth management, content filtering, application control, and network visibility. To prevent disruption and protect against financial loss, the college wanted to guard against the ever-increasing number of threats targeting the education sector. But at the same time, there was a need to protect students from harmful web content. Finally, the institute needed a resilient solution to protect all its data and networks.

Solution

To get the results KGE was looking for, a number of additional features were needed beyond what their current firewall deployment could offer, such as ISP failover and load balancing, application visibility, advanced URL filtering, bandwidth management and security services availability. By switching to SonicWall, the college was able to meet its needs by deploying the SonicWall NSa 5600 next-generation firewall as a gateway perimeter in the college campus network. The NSa 5600 was deployed in two zones, and users were divided into faculty and students. Then, respective security policies were applied across the zones.

Results

Since deploying the SonicWall NSa 5600, KGE has enjoyed greater security effectiveness. The solution has safeguarded students and staff from malicious content and offered IT staff visibility into online activities. Bandwidth management, ISP failover and load balancing for multiple ISPs has ensured operations continuity, while centralized management and reporting has eased compliance concerns.

Benefits

- Ensures business continuity
- Safeguards against advanced threats
- Granular content filtering to block harmful web content

Solutions at a glance

- [SonicWall NSa 5600](#)

“SonicWall Firewall added huge value to protect intellectual property of the college. It helps to prevent cybercriminal activity from outside & inside of the college network. SonicWall also provided the security architecture we'd use to automate some of our campus network integrations and accelerate key security operations & protections.”

**DR. SOURABH KUMAR DAS, PRINCIPAL
KALYANI GOVERNMENT ENGINEERING COLLEGE**



CUSTOMER PROFILE

Company	Kalyani Government Engineering College
Industry	Government Education
Country	India
Employees	roughly 220 faculty/staff & 1800 students
Website	www.kgec.edu.in