

## Indian Institute of National Importance Fortifies its IT Perimeter with SonicWall

NITPY strengthens their firewall capabilities with the SonicWall Generation 7 high-end NSa appliance that enhances resource efficiency and prevents peak hour outages with its impeccable performance.

### Business need

The National Institute of Technology in Puducherry (NITPY) is a recognized Institute of National Importance, under the Ministry of Education, Government of India. As a young and growing institution, NITPY is focused on educating its 1200 students as well as contributing to the research and development of advanced technologies.

The institute had been struggling to prevent malware attacks with its existing cybersecurity solution. At the same time, the unavailability of high-end technical support led to frequent CPU spikes and outages during peak operation hours.

To address these issues, the institute needed a partner that could implement a robust cybersecurity solution with assistance to reduce the pressure on its IT administrative team. The firewall with a low total cost of ownership for high availability was crucial to prevent outages in a cost-effective manner. A solution that required low maintenance would allow the team to focus on other critical tasks, thereby increasing their overall resource efficiency and time management.

### Solution

NIT-PY had been using a firewall when they decided to switch to a more comprehensive solution. Citing SonicWall's expertise in holistic product deployment and maintenance services and access to two firewalls with a single license, the institute decided to entrust the task to SonicWall's support team through an authorized partner.

After the initial needs assessment and passing through thorough assessment, the team decided to employ SonicWall's network security appliance, NSa 6700 series of next-generation firewalls (NGFW) for its easy policy configuration, zero-touch deployment, and flexible management capabilities. To address the malware attack issues, the institute decided to further fortify the firewall with IPS, gateway antivirus, and Capture Advanced Threat Protection (ATP) services.

Additionally, the team decided to deploy an email security appliance, ESA 9000 for preventing virus, spam, and phishing attacks through inbound employee emails, URL filtering, and outbound email protection.



*“With SonicWall, we got access to two firewalls with one license, whereas earlier we had to purchase two different licenses for two firewalls.”*

### Dr. Narendran Rajagopalan

Associate Professor, Faculty In-Charge  
(DASA & Foreign Students), NIT-PY

### Customer Profile

Company	National Institute of Technology Puducherry - Karaikal
Industry	Higher Education
Country	India
Employees	177
Website	www.nitpy.ac.in.

## Results

Post-deployment of SonicWall's solution, the institute was able to comprehensively protect its IT perimeter from advanced threats without encountering any bottlenecks. They witnessed smoother workflows without outages, as there was now a primary box and secondary box that shared the license during peak operation hours.

The modern user interface of the NSa 6700 firewall allowed intuitive workflows, malware analysis, and easy monitoring, which enabled proactive cyber protection. The ESA 9000 Email Security's URL filtering ensured the institute's reputation is intact and no employee could leak out sensitive information through emails.

## Benefits

- Comprehensive security
- Intrusion prevention
- VPN
- Application control
- URL filtering
- Lower total cost of ownership
- Advanced threat protection

## Solutions at a glance

- [NSa 6700 Firewall](#)
- [ESA 9000 Email Security](#)

