



CASE STUDY

One Of India's Oldest
National Laboratories

K7 Security protects a national
laboratory that serves
international clients

The National Laboratory provides innovative research and development services to international chemical and biotech organisations. K7 Security enables them to create solutions for tomorrow's world without the risk of cyberattacks.

Client Snapshot

- » 10 R&D Divisions
- » 70+ Year History
- » Global Clientele

The National Laboratory stands for excellence in basic and applied research and process development in chemistry and chemical technology. The vast knowledge that it generates and accumulates makes it a tempting target for threat actors. Effective enterprise-grade cybersecurity is critical in helping the organisation operate at the cutting-edge of research without disruption from cyberattacks.

Securing the IT Infrastructure of an Eminent Research Institution

The Client's Requirements

- Quick rollout across a large campus
- Reliable cybersecurity management in an environment with many student-researchers
- Protection for endpoints while in the facility and at home
- Effective cybersecurity through a proxy server
- Hassle-free license transfer

The K7 Solution

K7 Security's Endpoint Security (K7 EPS) provides award-winning protection that defends high value targets against cyberattacks while being easy to deploy and manage.

Rapid Deployment

The client required a cybersecurity solution that could be deployed quickly and easily across a large campus that made in-person installation impractical for researchers' devices. They were delighted with the remote installation options in K7 EPS which allows installation to be pushed from the local K7 EPS server to endpoints with support for Active Directory, Workgroup, and IP range based installations. The installation file can also be sent via email link for manual installation and the compact installer downloads quickly even if bandwidth is limited. The K7 EPS rollout across the campus was completed in just 10 days.

Scalable Cybersecurity

The client's IT team were concerned about the scalability of enterprise cybersecurity solutions due to the large number of student-researchers that needed to be protected. They are pleased that K7 EPS's console has remained stable over the years even while managing a thousand endpoints. Additionally, the intuitive interface makes at-scale cybersecurity management easy and reduces the amount of time that needs to be spent at the console.

In-office/Out-of-office Cybersecurity

Endpoints used by student-researchers need to be protected when used on-campus and at home, but productivity related restrictions need to be relaxed when used at home. The client's team were happy to see that K7 EPS supports location-based cybersecurity through separate in-office and out-of-office firewall rules and blocking of Wi-Fi access when in office or out of office. In addition, K7 EPS also supports category based URL filtering based on business hours and leisure hours.

Protection When Connectivity Is Constrained

The client's campus provides internet access for employees and student-researchers through a proxy server which constrains connectivity. The client's management prioritised cybersecurity that could provide robust and dependable protection through a proxy without choking the network, and were reassured by K7's extremely low bandwidth requirements that secure IT environments with [just 24kbps connectivity](#).

Simple License Removal

The client upgrades hardware every 3 to 5 years, and student-researchers are a floating population. Managing cybersecurity licensing cost requires easy transfer of licenses to new devices even if the existing licenses cannot be released through direct removal from the devices where cybersecurity was originally installed because they are no longer available. The client's IT team were pleased to see that K7 EPS supports easy license removal with only a few clicks (by identifying host name and IP address of the decommissioned endpoint) and without requiring access to the endpoint, resulting in quick license transfers.

Why The Client Chose K7

- Remote deployment capability
- Stable console with intuitive interface enables pain-free management of large user base
- Location based cybersecurity settings
- Minimal resource consumption
- Customer-centric license management

K7 Security's Endpoint Security provides the peace of mind required for leading research facilities to expand the frontiers of science without worrying about IP theft or disruption due to cyberattacks. [Contact Us](#) for more information on our enterprise cybersecurity solutions that are trusted by scientists, thought leaders, and pioneers to protect their world-changing work.



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