

LSMUNI: Deeply Satisfied with Cyberoam's Comprehensive Network Security



Case Study



Organization

Lithuanian University of Health Sciences

Country

Lithuania, Northern Europe

Industry/ Vertical

Education



The LSMUNI Challenge

LSMUNI is committed to developing an environment of academic freedom in which cutting-edge research and learning is highly promoted. However, the university has an obligation to protect students and staff when it comes to accessing online materials.

Mr. Valdas Gaule, IT head at LSMUNI worryingly quoted, "We needed a network security solution that would protect our network from Viruses and Spam."

According to Mr. Gaule, they faced the following security issues:

Virus and Malware Menace

The threat of Malware attacks from Viruses, Worms, Trojans, etc. was a major concern. The Internet surfing exposed the university network to a wide range of problems, such as Viruses and Malware. With the rise of P2P and file sharing applications, college campuses have become a virtual Petri dish for Viruses and Spyware. A Virus or Worm on one student's computer can quickly propagate through the whole network.

Thus, the need was to implement an effective Anti Virus and Anti Spyware solution that could detect and remove Viruses, Malware and Spyware before they reach the university network.

Uncontrolled Spam

Mr. Gaule worryingly quoted, "Uncontrolled Spam hitting our mail server every single day was a huge problem for our institution." The most annoying thing about Spam mails was that they consumed a lot of network bandwidth. In addition, they lead students to read and delete mails individually, which was a tedious and time-consuming job.

Some emails tempted students to click malicious links, which would ultimately lead to hassles for the institution and the student. This led to an unacceptable loss of productivity for the institution.

The Cyberoam Solution

LSMUNI looked into a number of security products in order to address their business challenges. After searching the market for a solution that would take care of their all above requirements, they purchased One (1) CR 1500ia and deployed it in Gateway mode.

Corporate Profile

Just a few years into its establishment, LSMUNI is now the biggest institution of higher education for biomedical sciences in Lithuania. The university consists of two main academies: Medical Academy and Veterinary Academy. The studies are conducted in the faculties, research institutes, and clinics. A total of 7031 students are studying the LSMUNI programmes. The University offers 22 programmes of 10 studying trends.

In addition, LSMUNI is an active participant of ERASMUS exchange programme. The students have a choice to study at foreign universities or to go for a practice for the period up to one year. The contracts of academic exchange have been signed with universities in 26 European countries. The majority of ERASMUS partners are in Germany, Spain, France, Finland and other EU Member States.



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- Mr. Valdas Gaule
LSMU ITC LAN
Department Head

After deploying Cyberoam in the network, the benefits that they notice are:

Virus and Malware Protection

Cyberoam's Gateway Anti Virus and Anti Spyware features inspect the entire web and mail traffic, including SMTP, IMAP, POP3, HTTP, HTTPS and FTP protocols. Its comprehensive Virus detection rate of 99.5% ensures that no Malware or Spyware creeps through the network edge and the network is fully safe against all types of Malware including Rootkits, Viruses, Worms, Trojans, Spyware, Backdoors, Keyloggers and more.

Additionally, the Anti Virus blocks upload/download or attachments for specified file types such as executables, media files, PDF, zipped files etc. ensuring data leakage prevention of confidential information.

Spam Filtering

Cyberoam's Anti Spam technology powered by Recurrent Pattern Detection (RPD), works instantly on deployment. It provides Spam detection rate of over 99% and a false positive rate of 1 in 1.5 million.

In addition, it blocks spam in any language regardless of the content, e.g. image, audio, video or zip based spam. The Anti Spam feature is also equipped with Virus Outbreak Detection, protecting the institute's network against any zero day attack.

"Thanks to Cyberoam's Anti Spam solution, the Spam mails are now miles away from our students' inboxes. In addition, its impressive false positive rate ensures that no legitimate mail is ever categorized as a Spam", said Mr. Gaule.

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To Conclude

Mr. Gaule happily quoted, "Thanks to Cyberoam, all our network security concerns are solved. The product is definitely worth the investment."



Toll Free Numbers

USA : +1-800-686-2360 | India : 1-800-301-00013

APAC/MEA : +1-877-777-0368 | Europe : +44-808-120-3958

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