

Case Study Stonesoft

Paris-Sud 11 University is spread over three French departments (Essone, Hauts-de-Seine and Val de Seine). Its five locations, which hosts 8000 researchers, teachers, administrative staff and more than 27 000 students, all interconnect on a LAN Gigabit Ethernet. This LAN connects to the Internet at a 10 Gb/s speed through the National Telecom Network for Technology Teaching and Research (RENATER), a connection node which is hosted on the Orsay campus.



Paris-Sud 11 University selects Stonesoft IPS solutions to protect its network against intrusions



Greater visibility on outbound and inbound network traffic

Dominique Lambert, Chief Security Officer at the Paris-Sud 11 University, was looking for a security solution with the ability to analyze both IPv4 and IPv6 traffic in the university network; the aim was to gain visibility on the nature of inbound and outbound traffic transiting through RENATER and block viral attacks or peer-to-peer traffic if they were detected.

Prior to collaborating with Stonesoft, the university was using an open-source software that had delivered unsatisfying results. The university then started to look for a replacement solution that was fast and easy to deploy with intuitive administration interface. The solution also needed to have advanced detection and filtering capabilities that were powerful enough to take several gigabits of throughput per second in on several optical fiber interfaces, and yet guaranteeing a complete continuity of service in case of a breakdown.

“Stonesoft’s solution has given us better control and real visibility of our data flow. It is now possible to visualize in a simple and synthetic way everything that is happening on our network and thus respond proactively, quickly and efficiently in case of security problem. ”

Dominique Lambert, CISO
 Université Paris-Sud 11

Fast and easy deployment

After winning the call for tenders thanks to better performance and price compared to another vendor, Stonesoft along with its integrator, Protego spread 5 days of professional services over two months. This included the installation of the solution in collaboration with members of the University Security Team. The professional Services included analyzing the network architecture, planning the implementation, training the engineers, advising, real-time testing and general validation of the solution.

Benefits and perspective: total control over the network

For this project, the Paris-Sud 11 University had focused on two major aspects: cost and performance. Stonesoft solutions perfectly met their expectations, particularly the proposal for cost of maintenance, which was by far the most attractive. Dominique Lambert explains, “I particularly appreciated the energy Stonesoft put in taking the technical needs of the university into account, especially the ability to support throughputs reaching several gigabits per seconds.”

The solution has been implemented for several months, and the CSO is now able to know the exact nature of traffic transiting on the network and is able to gain total control over it. They can now choose to automatically block certain types of traffic. The Stonesoft IPS probe provides better overall security by proactively detecting and filtering workstations infected by worms, and by spotting vulnerabilities on servers.



About Stonesoft

Stonesoft Corporation (NASDAQ OMX: SFT1V) is an innovative provider of integrated network security solutions to secure the information flow of distributed organizations. Stonesoft customers include enterprises with growing business needs requiring advanced network security and always-on business connectivity.

The StoneGate™ secure connectivity solution unifies firewall, VPN, IPS and SSL VPN blending network security, end-to-end availability and award-winning load balancing into a unified and centrally managed system. The key benefits of StoneGate secure connectivity solution include low TCO, excellent price-performance ratio and high ROI. The virtual StoneGate solution protects the network and ensures business continuity in both virtual and physical network environments.

StoneGate Management Center provides unified management for StoneGate Firewall with VPN, IPS and SSL VPN. StoneGate Firewall and IPS work together to provide intelligent defense throughout the enterprise network while StoneGate SSL VPN provides enhanced security for mobile and remote use.

Founded in 1990, Stonesoft Corporation is a global company with corporate headquarters in Helsinki, Finland and Americas headquarters in Atlanta, Georgia. For more information, visit www.stonesoft.com



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