

**Organization**

Yasaminiz

**Country**Istanbul,  
Turkey**Industry/ Vertical**

HealthCare



Yasaminiz confidential data are under constant threat from spyware, and DoS attacks. So they were in need of Gateway firewall for protection of their entire network.

- Mr. Cuneyt EGE  
IT Manager,  
Yasaminiz

**Cyberoam Secures Turkey's Yasaminiz Hospital****About Yasaminiz**

Established on March 14, 1987 Yasaminiz is a Life Hospital for all residents of Istanbul to serve them with the quality of service for over 20 years. The hospital with its name and reputation, trained doctors, nurses and medical staff became popular all over Turkey.

Internet is the most vital element for the organization and the hospital cannot run without internet connections.

**The Yasaminiz Challenge**

According to Mr. Cuneyt EGE, IT Manager at Yasaminiz the hospital was facing the following security and connectivity challenges related to its business activities.

**Battening the Fringe**

Mr. Cuneyt wanted a solution that would control the entire Internet traffic and provides a level of protection from network-based attacks by allowing good traffic and denying bad traffic as defined by a security policy. They needed to protect the network against intentional and unintentional intrusion attempts, and Denial of Service attacks.

**Control Unproductive Surfing**

The organisation needed to know who was accessing what sites and needed an identity based filter and reporting system that would include a users' online behavioural audit. The solution would also be required to block harmful spyware/malware infested sites. It was also required to limit access to unproductive sites - such as Web-mail, HTTPS, news, online shopping and gaming – and block 'phishing' and 'pharming' sites which trick users into revealing confidential data.

**Business Continuity Concerns**

Yasaminiz has evolved into an hospital with independent networks at remote sites supporting many users. The primary challenges for Yasaminiz were to provide access to sensitive data across a more secure and stable VPN. Internet is relied on profoundly to allow remote sites VPN access back to the main office.

Another, major issue was the connectivity problem. "If Internet was down our business activities would come to a halt," Mr. Cuneyt said. To avoid a single point of failure, multiple locations had multiple ISP links. So, multiple ISP links load balancing, and failover is also a critical need.

**The Cyberoam Solution**

After experiencing a range of products, Yasaminiz decided to try Cyberoam UTM and it blend seamlessly into the network infrastructure and resolved all problems. Cyberoam's CR50ia was deployed in the gateway mode at their Head Office.

The business benefits were as follows:

**The Barricade of Fire – Firewall**

The Cyberoam firewall acts as a filter between Hospital's mail server – web server and the Internet in order to block malicious attempts to access the server, and allow only legitimate traffic.

Cyberoam ICSA and Checkmark certified firewall - provides granular access controls over Internet traffic and the network resources.

ICSA and Checkmark - dual certified Cyberoam's stateful inspection firewall now cordons off hospital's network and guards its servers against any unauthorized access. Also, employees were able to seamlessly continue to access Internet resources, while hackers on the Internet are kept at bay.

### Filtering Solution & Bandwidth Management

Yasaminiz installed Cyberoam not only to manage employee Internet access, but to minimize the risk of other web security threats, help improve employee productivity and save network bandwidth. Yasaminiz uses Cyberoam to block access to specific category of websites.

Cyberoam's content filtering database has more than 44 million sites neatly categorized into more than 82+ categories. This large number of categories permits a high degree of specificity in designing an organization's Internet use policy. Mr. Cuneyt continues, "In addition, we are able to set up policies for different work groups. Cyberoam makes it easy for us to set up policies based on specific job requirements within our hospital. Also I can now prioritize the hospital's bandwidth usage as per business requirements with more effective controls on which user consumes how much bandwidth (upload and download limits) during any time of the day", said. Mr. Cuneyt. This helped the hospital in controlling the user behavior on the Internet.

### VPN Connectivity + Uninterrupted Business Connectivity

Cyberoam UTM's SSL VPN solution bridged the geographical distances between the branch and head offices. This now ensures that the user can connect securely from any location and use the resources.

Driven by business need of hospital's connectivity over Internet, Yasaminiz has multiple ISP links which intelligently load balances the traffic and manages link failover between the two (2) broadband links. These links terminate on Cyberoam. The Multi-Link Manager constantly monitors the performance of the links. In case of a link failure, the load is automatically transferred to the working link, seamlessly, which leads to 100% Internet uptime, and round the clock availability of requisite bandwidth. In case of a link failure, Cyberoam automatically switches the traffic to the working link. So the hospital gets a transparent multilink management with no human interference. On the way, it also bridges our connectivity and productivity requirements.

### Enhanced Reporting

Mr. Cuneyt adds, "We were definitely very pleased with this reporting module. Gaining simple view into applications with user name, source, and destination, extent of usage, enabling them to zero in on inexperienced users and systems easily is the best part of Cyberoam UTM."

Cyberoam's Web filtering solution, with more than eighty two (82) categories ensures that the users of the Internet do not access pornography, violence and other harmful content on the Web.



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