

Cyberoam Ensures Constant Business Connectivity and Efficient Internet Usage in Eram Group



Case Study



Organization

Eram Group

Country

Saudi Arabia, ME

Industry/ Vertical

Conglomerate



Corporate Profile

Eram Group, a leading business conglomerate with well entrenched business presence across the continents, was founded in mid 1980's. Ever since, ERAM has achieved a niche position of market leadership in multi-faceted business lines including Industrial Contracting, Project Management Solutions, Automotive, Healthcare, Travel, IT, Manufacturing, Trading & Product Representation and other service sectors. Operating across GCC, Europe and India, ERAM has expanded as one among the largest business conglomerates in the region. The Group is well capitalized and is a privately held business enterprise led by a strong management team.

The Eram Group Challenge

For business conglomerates like Eram Group, which have multiple offices in geographically diverse locations, Internet is a must. "A large proportion of our business transactions are reliant on the Internet. Above that, most of our inter-office communication is dependent on the Internet", said Mr. Nidheesh Illam, Network Engineer at Eram Group. He noticed certain security issues in their network, which were:

Unruly Internet Usage

Employees had unrestricted Internet access of which they took undue advantage. Social networking, gaming or other such websites distracted them and affected their work productivity. In Mr. Illam's words, "They could be on facebook or other sites when they should be working!" Furthermore, upload and download of streaming media like music, videos, etc. put a strain on available bandwidth.

Erratic Internet Availability

"Internet is the lifeline for all our business activities," said Mr. Illam. All work would come to a standstill if connectivity is lost. To avoid a single point of failure, Eram uses 2 ISP links. Hence, management of these links was of critical need.

GBC also has certain users who need to access the company's resources remotely. It was a matter of concern for Mr. Illam to provide such users access to sensitive data through VPN. He desired a more secure and stable VPN.

The Cyberoam Solution

After looking into several security solutions, Mr. Illam decided to trust Cyberoam with Eram Group's network. They purchased Two (2) Cyberoam Appliances: One (1) CR 100iNG which they deployed at the Eram Engineering Site and One (1) CR 35wi at Eram Group Head Office. After Cyberoam deployment, they noticed the following benefits.

Firewall: A Barricade of Fire

Cyberoam's ICSA and Checkmark certified firewall provides granular access controls over Internet traffic and the network resources. This helps to determine if a data packet should be permitted or discarded through the firewall to the internal LAN. Coupled with Intrusion Prevention module, Cyberoam UTM can counter any Denial of Service attack. With a comprehensive database of 4500+ IPS signatures, Mr. Illam now feels that data of the organization is well protected from several variants of spyware attacks, spoofing and DoS attacks in addition to keyloggers, Trojans and more.

"Cyberoam gave us more reason to smile since it acts as a long term solution for our security needs. We got more than what we were looking for"

Mr. Nidheesh Illam
Network Engineer
Eram Group

Internet Usage under Strict Control

Cyberoam's Web and Application Filter allows Mr. Illam to create customized policies keeping in mind the usage of each and every user. Some users are allowed more privileges than others depending on their position in the organization. Surfing of certain harmful or unhealthy sites, like social networking and gaming sites, are closely monitored. Also, all P2P and instant messaging applications are completely corked. This keeps the employees productively focused.

Efficient and Continuous Internet Availability

As the organization has two ISP links, Mr. Illam uses Cyberoam's Multi-Link Management to handle both links effectively.

The Automated Load Balancing feature distributes the traffic between the two ISP links. In case of a link failure, the Automatic Link Failover feature automatically switches the traffic to the working link. So the organization gets a transparent multilink management with no human interference and 100% Internet uptime.

Cyberoam UTM's SSL VPN solution provides "Anywhere, Any Time, Any Device" VPN connectivity. Hence, it dealt with Mr. Illam's requirement of providing stable and secure access to the company's network to remote users. Cyberoam ensures that the user can connect securely from any location and use the resources. Threat-free Tunneling technology in the VPN ensures that all the traffic is scanned for malware and encrypted.

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To Conclude

"Cyberoam gave us more reason to smile since it acts as a long term solution for our security needs. We got more than what we were looking for," said Mr. Illam.



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