

Cyberoam Provides Security to SOLB Steel Company's Virtual Network Environment



Case Study



Organization

SOLB Steel Company

Country

Saudi Arabia, Middle East

Industry/ Vertical

Manufacturing



The SOLB Steel Challenge

Dr. Faisal Al Nasser, the Manager of Information Technology (IT) Department at SOLB Steel mentioned, "Since the Internet acts as a backbone in our day-to-day activities, its uninterrupted security and connectivity is a major necessity."

The issues faced by them were:

Unstable Internet Connectivity

One of the biggest challenges faced by the company was to ensure constant availability of their organization's network and data. Dr. Al Nasser stated, "Due to the non-readiness of ISP infrastructure, we depended on multiple connections which lacked load balancing. Hence, if a single connection went down we suffered great losses. Our transactions and communication through that connection were badly affected."

The Cyberoam Solution

Keeping stride with modern times, SOLB Steel hosts a virtualized network environment. They searched the market for a good solution that could efficiently manage their many Internet Links as well as secure their virtualized network. During their search, they found Cyberoam that could fulfil their requirements and purchased Two (2) Cyberoam Virtual UTM: CRiV-4C, One (1) at Jazan and One (1) at Riyadh. They deployed both in Gateway Mode.

The positive outcomes noticed after deploying Cyberoam are:

Virtualized Protection

Cyberoam offers a complete virtual security solution to organizations with its virtual network security appliances. It scans all traffic in the virtual environment. Also, it protects virtual networks from attacks on hypervisor management console, hypervisor and Guest OS, virtualized web-facing applications and servers. Moreover, it allows organizations to secure Zero Trust Networks with its comprehensive security features in virtualized form.

Firewall – Shielding the Network Periphery

Cyberoam's Checkmark and ICSA Certified Firewall offers stateful and deep packet inspection for network, application and identity-based security. It thus protects the organization from DoS, DDoS and IP Spoofing attacks. Its Fusion Technology blends security, connectivity and productivity by enabling the administrators to create policies for multiple features through a single interface.

Corporate Profile

SOLB Steel Company was established in the year 2009 in Jazan Economic City, Kingdom of Saudi Arabia. They produce steel through the EAF-CC route and import raw materials like DRI/ HBI & steel scrap from them. Their main production units are Electric Arc Furnace, Billet Caster and Rolling Mill.

Since the Internet is a prime requirement for a manufacturing company, SOLB Steel is also dependent on the Internet for maintaining the website, providing online client services, unified communications, company portal, research, SAP access, video conferencing and general surfing.

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Dr. Faisal Al Nasser
Manager of IT Department
SOLB Steel Company

Malicious Objects Blocked at the Gateway

Cyberoam's Check Mark Level 5 certified Gateway Anti-Virus and Anti-Spyware solution offers web, Email and IM security against malware, including viruses, worms, Trojans, spyware and key loggers. Email, Web and VPN traffic is also scanned for malware. It also blocks attachments for specified file types like executables, media files, password-protected files etc. before any malware affects the network.

Safe Web Surfing Practice

Cyberoam's Web Filtering solution provides a database of 89+ categories with the help of which Dr. Al Nasser can prevent the employees from accessing unproductive and harmful websites. Cyberoam's Application Filtering blocks all P2P, IMs, illegal audio, video, streaming media and other bandwidth-intensive download. Moreover, Cyberoam with its identity-based filtering, allows the administrator to create schedules and assign the Internet access policies to individual users based on a certain criteria.

Dr. Al Nasser said, "Cyberoam's Web and Application Filtering has enabled us to create customized policies and filter the unwanted contents of websites, leading to increase in productivity".

Stable and Non-Stop Internet Connectivity

Cyberoam's Multiple Link Management smartly distributes the Internet traffic between the Five (5) ISP links, ensuring its optimal usage. It also enables Dr. Al Nasser to assign weights to each of the ISP links such that only specific traffic passes through a particular link. Moreover, the Multi-Link Manager constantly keeps an eye on the behaviour of the links. If any of the links fail, the load is transferred to the working link without any human intervention, leading to an Always-On Internet. Dr. Al Nasser said, "In our organization multiple ISP links are load balanced assuring continuous connectivity". He further added, "Multi Link Management is one of the best features of Cyberoam providing outstanding Internet availability".

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To Conclude

Expressing his satisfaction, Dr. Al Nasser stated, "Cyberoam's Virtual Appliance is a reliable solution, solving most of our issues."

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