Cyberoam

Organization
AL-Ayuni Group

Country
Saudi Arabia
Asia

Industry
Construction & Contracting Co.

AL-Ayuni wanted to raise workplace productivity by putting a complete end to indiscriminate Internet surfing by its internal users. Thus they needed a strong Content Filtering solution.

- Mr. Ramanujam Loganathan
MIS Manager
AL-Ayuni Group

Cyberoam Deployment increases network security, reliability and availability for AL-Ayuni Group.

About AL-Ayuni

The AL Ayuni group was founded by the founder late sheikh/ Hamad Bin Abdullah AL Ayuni and as part of Highway Engineering & Construction; AL Ayuni has completed various huge impressive infrastructure projects in whole Kingdom of Saudi Arabia. The business has started as road & civil works construction contractor and developed over time through various business verticals and managed by accredited and caring people. The AL Ayuni Investment and Contracting Company is graded as "First Class" contractor in Saudi Arabia.

AL Ayuni operates in eight business sectors: Highway Engineering & Construction, Railway Engineering & Construction, Constructions Equipment Services, International Children's Education, Information Technology and GIS Services, Marble Mining and Sales, Pre Cast Concreting and Real Estate Development.

The AL-Ayuni Challenge

Below mentioned are the challenges faced by AL– Ayuni. related to its business activities:

Access Control and Intrusion Prevention
The company needed a firewall and an intrusion prevention solution. The combination of both the solutions was needed to protect the network against intentional and unintentional intrusion attempts, and Denial of Service attacks.

Controlling Surfing Practices
As one of their most critical issues, AL-Ayuni wanted to raise workplace productivity by putting a complete end to indiscriminate Internet surfing by its internal users. It also wanted the solution to ensure precious bandwidth is not wasted on downloads of audio, video and streaming files and nuisance applications like Yahoo Messenger and instead, diverted to more productive use. Moreover, Mr. Ramanujam Loganathan, the MIS Manager at AL-Ayuni knew unbridled surfing represented an added layer of threat through malicious sites such as phishing and pharming which had to be resolved.

Business Continuity Concerns
One major issue was the connectivity problem. "If Internet was down our business activities would come to a halt," Mr. Loganathan said grimly. To avoid a single point of failure, multiple locations had multiple ISP links. So, multiple ISP links load balancing, bandwidth management and failover is also a critical need. The VPN Clients used to connect to the parent network were extremely unreliable.

The Cyberoam Solution

After scouring the market for the correct solution, Mr. Loganathan decided to go for a UTM solution. After careful evaluation and deliberation of multiple products, he chose Cyberoam as he found it to be a robust solution, an ideal mix of best-of-the-breed solutions and backed by strong proactive technical assistance. AL-Ayuni deployed seventeen (17) Cyberoam appliances all in gateway mode.

The deployment details are:

ICSA and Checkmark - dual certified Cyberoam's stateful inspection firewall solution cordons off Al-Ayuni's network and guards its servers against any unauthorized access.

"I can now prioritize the organization'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."

Cyberoam's 82+ category strong Web Content filtering technology kept the organization's internet resources productively focused.

Appliance Details	Location
CR25i	Rayan - One (1)
CR50i	Olaya – One (1), Abha – One (1)
CR15ia	India (Chennai) – One (1)
CR25ia	Albaha – One (1), Tabouk – One (1), Sahar – One (1), Rayan – One (1), Majma – Two (2), Buraida – One (1), Zulfi – One (1), Olaya – Two (2)
CR50ia	Olaya – One (1), Malaz – One (1)
CR100ia	Olaya – Headoffice – One (1)

Firewall Protection
ICSA and Checkmark - dual certified Cyberoam's stateful inspection firewall now cordons off AL-Ayuni network against any unauthorized access. AL-Ayuni users are given controlled access to network and internet resources, ensuring that no security loopholes are left open.

Mr. Loganathan used default IPS policies from the firewall rule to protect the network from DoS and spoofing attacks and other exploits. With a comprehensive database of 3000+ IPS signatures, Mr. Loganathan now feels that the organizations data is well protected from several variants of spyware attacks, spoofing and DoS attacks in addition to key-loggers, Trojans and more. Cyberoam's hardnosed promise to security and protection helped them perk up their network competence and performance.

Premium Filtering & Bandwidth Management
"With Cyberoam's Content Filtering Solution we can tailor filtering policies to suit our needs," notes Mr. Loganathan. "We can even make customized policies and quickly push them out to the users. Plus, by eliminating traffic to undesirable sites, we can free up bandwidth for legitimate office activities." With a database powered with 82 categories and more than 44 million sites, Mr. Loganathan has matchless flexibility to configure security policies. The Content filtering features makes sure that all P2P and Instant Messengers are blocked and that there is no breach of data.

More Resilient Internet Connectivity
The CR100ia appliance deployed at the Head Office in Olaya was used to ensure IPSec VPN connectivity along with the Cyberoam appliances at branches. This allowed remote office users to seamlessly access their work without any worries of breakdown in Internet traffic. Threat-free Tunneling (TFT)-driven VPN ensures that all such traffic is securely encrypted and no malware sneaks through it.

Cyberoam's Multiple Link Manager with WAN failover feature is expected to further bolster the company's connectivity requirements by offering load balancing with failover capability. Once a link fails, Cyberoam quickly kicks in and diverts the traffic to another up and running link.

Round Off
"Cyberoam is very user friendly in terms of ease of use and management, plus it is extremely easy to teach our IT staff how to use it. With Cyberoam in place, we have the confidence of a secure and protected environment." said Mr. Loganathan.