

VARUN SHIPPING

INDUSTRY: Business Service

HEAD QUARTERED: Mumbai

PRODUCTS: Next Generation Firewall
GS 160dc



Varun shipping ltd. uses GajShield's Next Generation Firewall to incorporate complete security solution.

BACKGROUND

Varun Shipping is one of the largest Shipping Companies in India and headquartered in Mumbai. Varun Shipping has commenced operations in 1973 with the acquisition of one product tanker. Since then the company has grown to become the biggest LPG carrier in India. Varun Shipping received the benchmark of quality in 1995 when they received ISO 9002 certification from DNV for shore Based Ship Management Services. Today they own the largest LPG fleet in the country i.e. 65% of the total Commercial LPG tonnage operating under India flag. It is the first private sector Indian company to commercially operate LPG carriers.

CHALLENGE

Varun Shipping had a lot of users who kept moving outside the Head Office. Such users' required secured access to the corporate network for applications like messaging and other Oracle based Applications. As email was the preferred mode of communication, it needed to be scanned for viruses & Trojans at the Gateway itself. The Varun Shipping network is managed by a team whose job is to manage security and to ensure that access to the network is always available.

Unfortunately, the up-surge in viruses, worms, trojans and blended attacks was beginning to be a cause for concern. Hence, the IT Manager of Varun Shipping, actively started scouting for Security solution to protect their network from Internet borne viruses and malicious hacker attacks. Being a growing organization, they were looking for a security solution which would not only scale up in terms of security applications but also users.

KEY CHALLENGES:

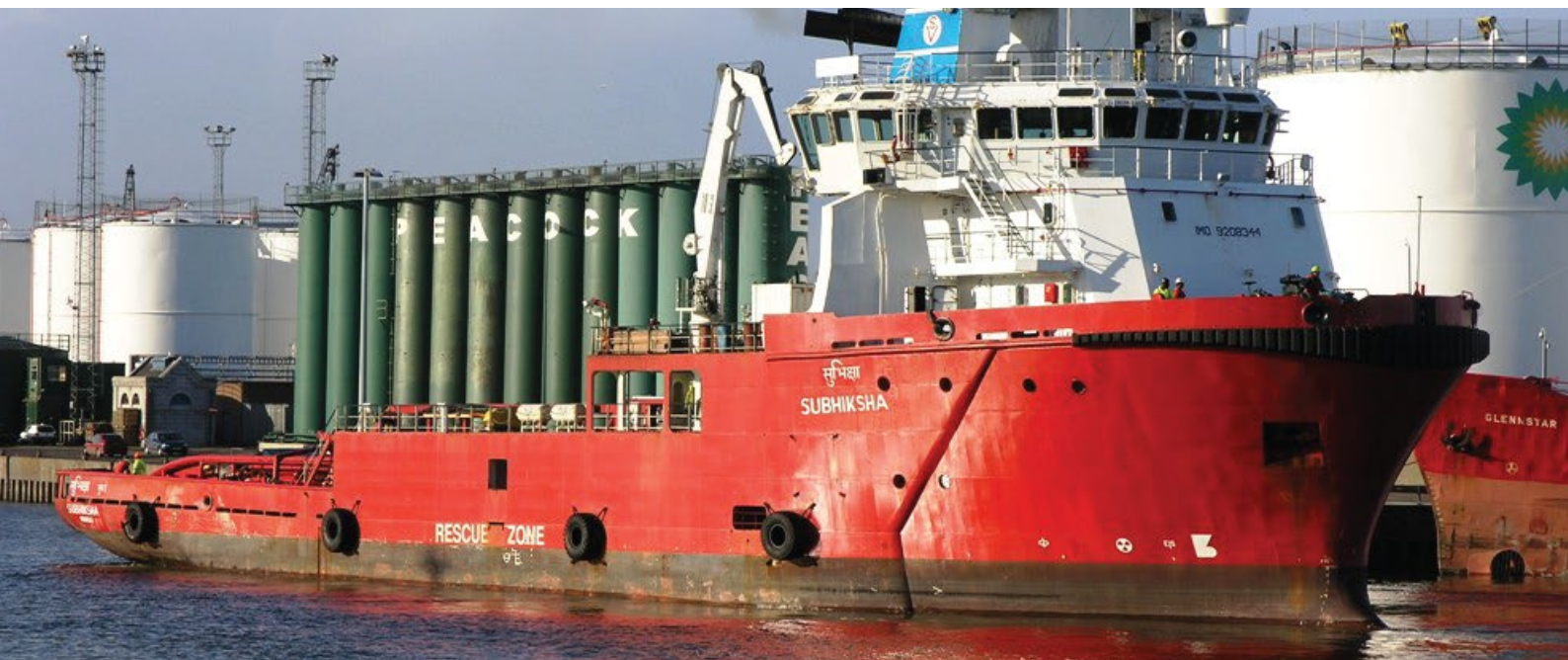
- Restrictive Internet access
- Secured remote access
- Protection against viruses

KEY SOLUTIONS:

- Firewall
- Spam filtering
- Client-to-site VPN support
- Intrusion Prevention System
- URL filtering

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- Mr. Sanjay Shah, the IT Manager



SOLUTION

Varun Shipping implemented GajShield Integrated Security Appliance at the Head office's Internet Gateway to ward off hackers and protect their network from viruses, spywares etc.

Firewall policies were defined to allow access for specific applications from the corporate LAN network to the internet and vice versa. Intrusion Prevention System was deployed to deeply inspect the packets for identifying malicious packets and intrusions.

Spam filtering was implemented for Varun Shipping and mails were scanned for viruses trojans, phishing and spam at the gateway level itself so that no viruses and spam mails entered the system and the system's security was never compromised.

URL Filtering was implemented enabling the IT staff to set and enforce web access policies across an entire network without creating huge hurdles for deployment or maintenance. GajShield's category based Filtering was used to block access to categories such as pornography, audio-video, violence, aggressive etc. Client-to-site VPN tunnels were established with depots and for traveling users to allow them access to their emails, Oracle applications, Network share etc. Remote offices such as Delhi as well as traveling users were allowed secure access using the VPN.

Varun Shipping had two internet links and both of them were terminated on GajShield Security Appliance. Complete redundancy was built for messaging as the mail server was hosted internally and the MX (Mail Exchanger Record) was pointed to both the internet links.

CONCLUSION

A complete security solution was provided to Varun Shipping to ensure secured access. "GajShield matched our requirements perfectly. It is a highly configurable product that does not require in-depth knowledge of networking or firewall techniques," said Mr. Sanjay Shah, the IT Manager for Varun Shipping. "As our security needs continue to grow, the ability to introduce additional functionality, in this modular fashion, to our existing system made GajShield an even more attractive product to have" he further expressed.