

GajShield Case Study - Varun Shipping

• Organization

Varun Shipping



Ms. Sangeetha Nair
(IT Manager)

"We wanted a virus and spam-free, clean mailing environment, complete security for the network, secure connectivity between our Mumbai and Singapore office and redundancy on our Internet WAN links. We wanted ability to control on websites, social networking sites, bandwidth hogging applications like streaming media, video downloads, P2P to increase productivity of network and users."

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.

Because Varun Shipping has lots of users who keep moving outside the Head Office, users required secured access to the corporate network for application like messaging and Oracle based Applications. As email is the preferred mode of communication it needed scanned for viruses & Trojans at the Gateway itself. Their network is managed by a team whose job is to manage security and ensure access to the network is always available.

• The Requirements

Unfortunately, the upsurge in viruses, worms, trojans and blended attacks was beginning to be causes for concern. Hence Ms. Sangeetha Nair, IT Manager- Varun Shipping, actively started scouting for Security solution for protecting their network from Internet-borne viruses and malicious hacker attacks.

Varun Shipping was looking out for a security product capable of eliminating the most sophisticated virus related threats, including spyware and adware, spams, control of internet access and which could provide secure access for the traveling users. 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. Varun Shipping finalized on GajShield UTM appliance – GS 4100 after taking a demonstration of the product.

"We selected GajShield because it effectively met our requirements to provide for a secure platform to protection our network, securely connecting our Branch office with Head Office and traveling users across the country. GajShield allowed us to focus on our core business, while maximizing return on investment, lowering total cost of ownership and improving efficiency," says Sangeetha Nair - IT

• The Solution

Varun Shipping implemented GajShield UTM model GS 4100 at the Head office's Internet Gateway to ward of hackers and protects 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.

URL Filtering was implemented enabling the IT staff to set and enforce web access policies across an entire network without creating huge hurdles to deployment or maintenance. GajShield's category based Filtering was used to block access to categories such as pornography, audio-video, violence, aggressive etc.

GAJSHIELD

Progressive Security

"GajShield has enabled us to securely connect our Corporate office and our branch office in Singapore as well as our traveling users. Email is very important for us and we wanted 100% uptime which we have been able to achieve with GajShield's ISP failover and Load Balancing."

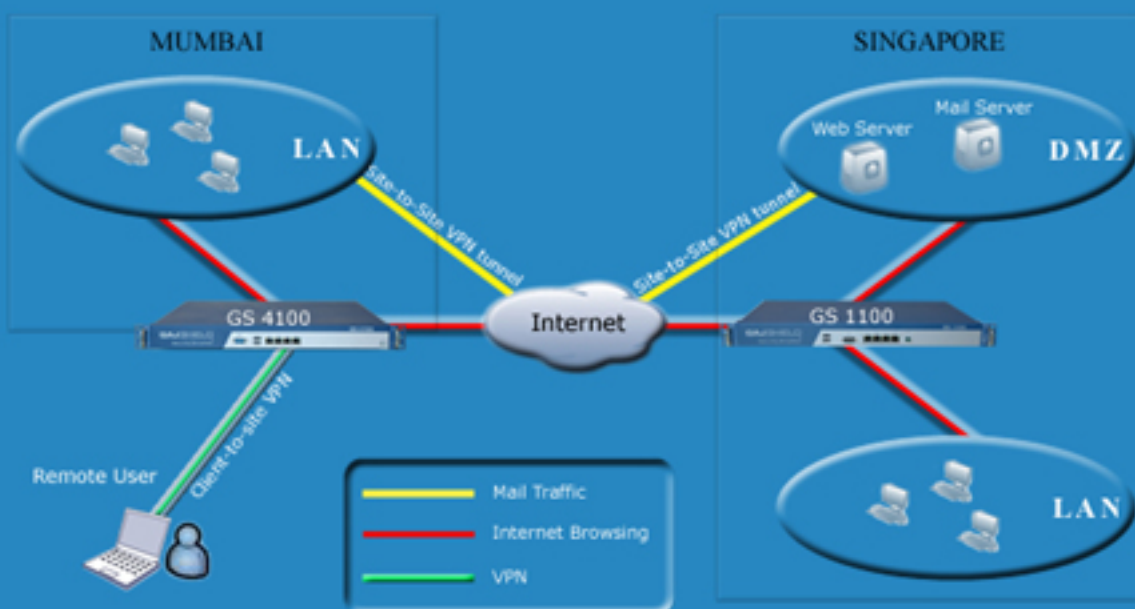
"GajShield matched our requirements perfectly. It is a highly configurable product that does not require in-depth knowledge of networking or firewall techniques. We were looking at integrated security at our perimeter for protection against viruses, spams, phishing, pharming, spyware, intrusions and internet access control which GajShield has been able to provide. We are also very happy with the support provided which is very responsive."

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.

GajShield -GS 1100 was implemented at Varun Shipping's Singapore office and site-to-site VPN tunnel was created over the internet for secure access of applications like email, file sharing etc.

Email is the preferred mode of communication and was very critical to Varun shipping's business. They wanted complete redundancy in such a way that even if one internet link would fail their messaging system should not go down. Both the internet WAN links of Varun shipping was terminated onto GajShield UTM appliance with a policy setting both the internet links would be load balanced to receive and send emails. Hence even if one of the WAN links failed the emails would traverse through the link that was live.

Varun Shipping wanted to have a virus and spam free messaging environment. GajShield Antivirus feature stopped varuns network being infected viruses, worms, Trojans etc and GajShield's Zero Hour Antivirus provided instant and proactive security from Virus outbreaks. Virus scanning was enabled to scan for email, web and FTP traffic to provide comprehensive antivirus protection.



GajShield's anti-spam solution provided a clean mail-box for users by blocking spams before it entered their mail-box. The solution uses Recurrent Pattern Detection technology, which is content-agnostic and equally effective against image-based spam. It stopped more than 99% of spams coming to varun shipping's network and no genuine mails were blocked. Spam Quarantine gave the ability to the administrator to view and release any mail if required.

• About GajShield

GajShield is a leading innovator of UTM appliances offering powerful & integrated protection, Data Leak Prevention, Application, user visibility & control, granular policy definition, zero day protection. GajShield delivers pro-active security to networks delivering real-time protection against fast moving threats like spyware, phishing, masked applications like Malware, Adware, P2P, Instant Messaging and provide visibility and control over content going out of an organizations network. GajShield UTM appliances are used by more than 1000, Small businesses, enterprises, educational and government institutions to protect their networks proactively. For more information call 91-22-6660 7450 or email info@gajshield.com