



## Network Support Case Study

Leading real estate and construction company

### Client

Client is a leading real estate and construction with global customers. The company has over 100 employees and multiple offices and work sites.

### Business Challenge

The client's was using a hosted email system for senior management only. They needed to deploy reliable and SPAM filtered , anti-virus protected email solution for the organization with email accounts to each employee.

The client was facing a number of challenges:

- Using hosted email provider was proving expensive
- Needed effective SPAM filtering
- Needed anti-virus protection for all email on server

### Suma Soft Impact Solution

Suma Soft established a reliable, secure and economical solution using open source email solutions on linux.

The solution implemented contained a comprehensive solution with following features:

- Mail Server – Qmail mail server was installed. This is one of the most reliable and high performance email engines.
- SPAM filters – Jgreylist, RBL, MFCheck, Domain-Keys, SPF and Valid-rcpt-to SPAM filters were enabled to reduce spam emails to a bare minimum. Additionally SPAMASSASSIN was configured to remove spam using heuristic mechanism.
- Anti Virus – ClamAV, Bit Defender and F-Prot anti virus packages was configured to eliminate threat of any viruses.
- SMTP – SMTP with Authentication was enabled to eliminate relaying. Additionally secure SMTP over SSL with TLS was enabled for security.
- POP – Secure POP (POP3S) was enabled to secure the transmission using SSL.
- IMAP – Secure IMAP (IMAPS) over SSL was enabled for clients
- Webmail – Squirrel mail and Horde webmail packages were configured for remote users.

### Results Achieved

This solution was implemented and migrated within a 2 week window and the results the client was impressed with the results achieved.

The environment is working with minimum SPAM and no anti-virus incident for over a year. The IMAP, POP and SMTP connectivity helps users with desktop clients to manage emails using their desktop computers. The web mail allows secure access for remote users.