

■ Challenge

- To centralize all storage capacity in database, file server and Exchange server in 3 locations
- Migrate to Exchange cluster from existing Exchange 5.5
- Integrate an Exchange system of 3 pair clusters with common front-end

■ Solution

- Integrate 3 sets of Fibre Channel SAN (HP MSA1000) and servers (HP Proliant DL380) with MS Enterprise Server and MS Enterprise Exchange

■ Advantages

- Mature and widely used MSA1000 ease administration and provide excellent stability
- Easy to manage MS Exchange Cluster and perform excellent in high availability

“AXISYS designs an Enterprise Exchange architecture which provides us flexibility in front-end configuration and high-availability in back-end clusters.”

Louis Chow, CIO
Winnitex Group



Winnitex deploys 2-layer Enterprise Exchange architecture

Winnitex Group is a leader in textile and dyeing industrial of over HKD 2 billions revenue. Winnitex headquarters in Hong Kong and factories in Hong Zhou and Shao Xing.

Winnitex has deployed 2-layer Enterprise Exchange architecture, 3 set of Exchange clusters in the 3 locations and together with a common front-end Exchange serving as SMTP gateway, IMAP proxy and POP3 proxy.

The solution involved 3 set of HP MSA1000 FC-SAN each up to 2 TB, HP Proliant DL 380, MS Enterprise server and MS Enterprise Exchange. Whole architecture connected by E1 IPLC and internet VPN is hot -spared.

Louis said the system design provides Winnitex with high levels of availability and reliability. “Each location has a set of cluster to ensure email communication non-stop. The front-end exchange gateway gives configuration flexibility. We can change parameter to external, such as SPAM filter settings and SMTP settings, without affecting internal email cluster”. “MSA1000 is almost administration-free. We also consolidated all other data storage together such as database servers and file servers. It gives us an easy way to expand by just plug-in new hard drives.” said Louis.