

SUMMARY

The Internet has become mission critical information repository, where business transactions such as banking and stock trading are conducted.

Paxnet, a financial portal in Korea, was in a similar situation when the company's subscribers significantly increased.

To provide mission critical financial applications, full redundancy scheme, fiber-based networking and introduction of server management system was employed to provide top-level of service to its subscribers.

CHALLENGES

PaxNet needed to implement systems for its financial information service that:

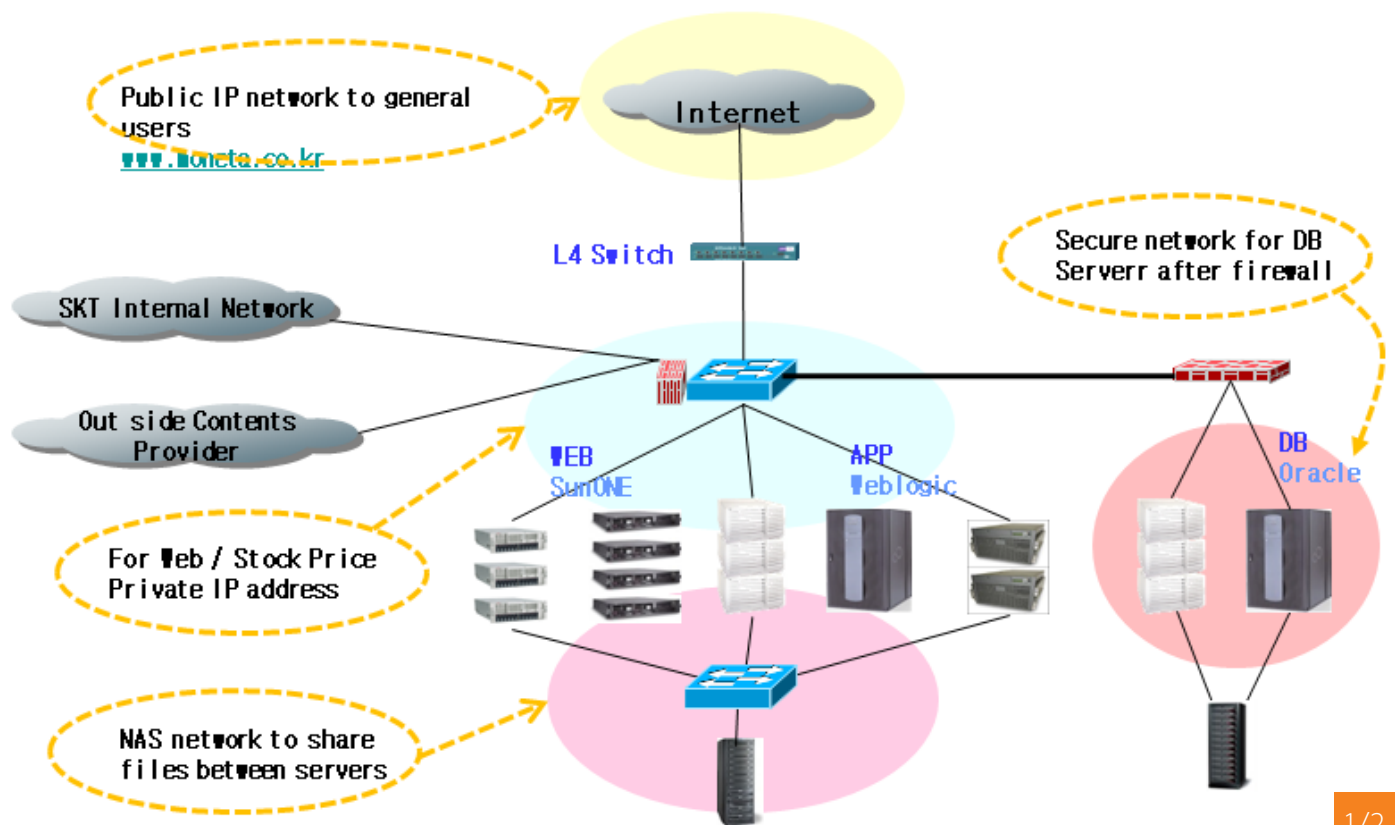
- Always on (no downtime)
- Faster response in consideration that the information can be used for on-line stock transactions
- Efficient but easy management for systems (ex. 240 server at the same time)
- Bandwidth that can accommodate increasing contents

SOLUTIONS

For stable and continuous service operations, redundant configurations were applied for every resources including harddisk, network links, servers through high-availability clustering and server load balancing. And for faster response and performance, static caching for image and dynamic caching for board were applied.

System management solution and 24x7 monitoring can minimize the troubleshooting time and network problem rate.

Introduction of fiber networks can cope with the performance issue that can be caused by increasing contents.





BENEFITS

The company can provide reliable financial services to its subscribers and maintain the position of market leader.

CUSTOMER INFORMATION

Paxnet is subsidiary of SK Telecom and is a leading financial portal in Korea, especially popular between stock traders. Subscriber base of the company reached to more than 4 millions in 2006.