CHALLENGE:

To provide a robust, scalable and highly available IT Solution: NEC Computers provided an innovative server solution comprising Express 5800 Fault Tolerant (FT) Series, Express 5800/ Rack optimised servers and S1500 SAN FC Storage.

BENEFITS:

- Highly available system - 99.999% Uptime

- Enhanced power and performance

- Fault detection

- Simplified maintenance - No Additional Training

- Multipath Auto Failover

REQUIREMENTS

- Install a solution to keep Canute Group's IT enterprise resilient and able to accommodate company growth and emerging technology.

- Access to high powered computing capacity to provide the technology backbone to support both scientific and industrial research and development.

- V6 IP Structure

- Guaranteed Uptime

- Windows 2003 64Bit Computing environment

- AD design in view for the future Service Oriented Architecture

- Robust storage

BACKGROUND:

Canute Group is one of the fastest growing logistics companies in the UK; established in 1977 Canute Group is a privately owned company with more than 700 staff and over 500 vehicles.

The company has successfully developed specialist markets such as supply-chain management, retail, industrial and manufacturing distribution and required a strong, scalable IT infrastructure capable of providing real-time data 24 hours a day 365 days a year across all of the Canute Group subsidiaries.

SOLUTION

NEC Computers was selected by Virtual IT and Canute Group due to its ability to deliver a cost effective solution that met the vast technological requirements. The following NEC equipment was recommended as the optimum solution for Canute Group:

- Express 5800/320 Fault Tolerant (FT) Series
- Express 5800/Rack optimised servers
- S1500 SAN FC Storage

BENEFITS

Fault Tolerant Server :

The NEC Fault Tolerant (FT) server benefits from advanced technology and management tools. Reliable and flexible, the NEC FT server offers exceptional system performance at a competitive price.

For the IT team

- **Simplified Maintenance** thanks to its modular design, standard components, preloaded Windows 2003 OS, remote access card. No administrative experience or skills are required.
- **Fault Detection:** NEC GeminiEngineTM chipset, and ExpressScope management system - Multipath Auto Failover.

For users

- **High availability:** logical module systems (CPU memory E/S) and completely redundant hot swap hard disk drives resulting in no transaction loss.
- **Power and Performance:** Intel® Xeon® processors, DDR2-400 2-way memory for even faster access and continuous processing.

"Canute Group required a highly reliable, robust computing service with no downtime and at a low price point. NEC Computers was selected by Virtual IT for Canute Group as it was able to deliver a cost effective solution that met the vast technological requirements of the organisation.

Halil EVCIMEN ,
Virtual IT Partner

SECURITY, RELIABILITY, FAULT TOLERANT