

Case study

One of the largest port authority in Singapore

High availability IT infrastructure



Duration:
Three months

IT infrastructure with high availability for mission critical applications

BT Frontline Technologies Pte Ltd has implemented an IT infrastructure that is highly-available to meet the business objective of hardware availability of 99.99% per year and DR (disaster recovery) systems within an hour of DR activation.

BT Frontline's professional services process driven implementation methodology coupled with best-of-breed solutions from Sun, HDS, Veritas and Oracle have helped the customer to meet its business objective. Most importantly, the solution was implemented within a tight timeframe.

Key Business Challenges

- Must ensure high availability of 99.99% per year to meet the requirements of replacing the fault tolerant systems, which was running in the container planning system
- DR systems should be up within one hour of DR activation
- Database restoration in less than one hour.

Product and Services

- Sun V1280 servers
- SE 9970 with true copy replications
- Brocade 12000
- Veritas DBE/AC v3.51 — database advanced cluster
- Oracle 9i RAC
- Veritas Netbackup Datacentre v4.5
- Project management and professional services implementation for the complete project.

Key Business Solutions

- Sun server solutions as it provides the RAS (Reliability, Availability and Serviceability)
- Sun HDS storage subsystems for their high availability design of the mainframe design
- Brocade SAN fabrics for the highly available and scalable SAN fabrics solutions
- Veritas cluster solutions for the proven availability solutions for system level
- Oracle RAC clusters to provide the availability at the database level
- Veritas Netbackup solution for data protection.

Duration

- Three months for implementation, UAT and go-live.

For more information, please contact:

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