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MUBADALA

CASE STUDY

COMPUTER & POWER TECHNOLOGY

SUMMARY & CHALLENGE:

Mubadala Development Company – MITE (Mubadala IT Environment)

The high-level business driver of MITE is to provide anywhere access to applications and data securely, to allow effective collaboration and communication including:

- People visibility (contact details, calendar etc.) across the organization
- Communicate (instant messaging, voice, video) across the organization
- Share data and collaborate across the organization

OBJECTIVES:

The IT environment should allow organizational changes to be reflected in the IT systems, quickly and flexibly:

- New Ventures to start-up with IT systems
- Joint Ventures to integrate with Mubadala IT systems
- Existing Ventures to exit integrated Mubadala IT systems

The Mubadala IT Environment Programme (MITE) will introduce world class, fully dynamic, enterprise IT systems to Mubadala, its Group companies and the Middle East.



IMPLEMENTATION DETAILS:

MDS has built a solution with the following using Juniper EX for Data Centers LAN, SRX Firewalls UAC and SSL VPN Security, F5 Load balancers -Link Controllers and Global Traffic Managers:

- Single Data Center stretched across 2 physical locations to start.
- Provision for a 3rd & 4th Computer Room in the future.
- 3-Tiered Network for hosting Back-End, Application and Front-End Servers.
- 360° Security
- Physical Firewall segmentation between the Network Zones.
- Secure, Resource Forest Architecture for the Shared Service Platform.
- Virtualized Computer Rooms offering Dynamic Provisioning, Management and Maintenance of Servers & Services.
- Multi-Tier Load Balancing provides scalability, availability and reliability for services which are compatible.

360° SECURITY

- Best of Breed Firewalls
- Best of Breed Intrusion Prevention Systems
- Best of Breed Intrusion Detection Systems
- Network Access Control
- Network Access Protection with SHV, PKI, DHCP and 802.1x integration Multi-Factor Authentication