Private Cloud management

CASE STUDY
Private Cloud management for utility infrastructure provider

Client is a leading utility infrastructure provider on mainland UK offering end-to-end gas connection services through a national footprint.

Highlights
Zensar designed a Private Cloud solution for the client hosted at their in-house data centre. The solution included implementing these services: Design, build and implementation, server virtualization, SAN solution, cloud, automation system, monitoring and management system, migration, server migration to private cloud, data migration, testing and go-live, managed services, “Business as usual” support for private cloud environment, performance tuning, Cloud optimization, IT environment. Also included was centralized IT infrastructure with over 200 servers and network equipment distributed at in-house production and contingency data centres, supporting more than 600 users in various locations.

Company:
Electricity and gas utility company
Headquarters:
Warwick, UK
Industries:
Public utilities
Products and Services:
Electricity and gas services
Employees:
More than 25,000
Total Revenue:
$ 15 billion

Business Benefits
• Faster server provision and decommission
• Reduced data centre power utilization
• Reduction in maintenance cost
• Better server management and reduced maintenance window
• Better system performance
• Higher availability and scalability

Challenges
• Wastage of data centre energy, server sprawl and high operational costs
• Non-optimized heterogeneous IT infrastructure with physical servers allocated to a specific application and infrastructure environment
• Reduce the number of physical servers to minimize the maintenance and support costs
• Reduce server provision time by implementing a server virtualization solution

Top Benefits Achieved

- 27% Reduced maintenance cost
- 23% Improved server performance
- Higher scalability