ZenSar

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