



Serv-IT Consulting provides a fully resilient virtual infrastructure environment.

Challenges

AAK Ltd needed to move to a fully resilient virtual infrastructure environment as they are a 24hour per day production site. The solution needed to provide an option to implement high availability and implement fully resilient Disaster Recovery, as well as consolidate their existing server infrastructure. Also to provide an international Disaster Recovery service

Solution

Serv-IT were selected by AAK to provide a consultancy which would review, survey, design, implement, and support the new configuration.
Fully resilient virtual infrastructure environment using data replication over fibre channel.
Consolidated the environment of 20 physical servers down to 4 host servers.

Mr David Cockrill, I.T. Manager of AAK says:-

“The solution did even more than we expected, AAK could not complement Serv-IT more for their diligence and professionalism. There were no “surprises” and the project was finished on time and on budget”

Benefits

Fully Implemented Disaster Recovery for computer systems.
Centralised maintenance and control for controlling software updates and access to reduce cost of ownership
The creation of on demand utility computing power through the combination of a virtualised and optimised environment for delivering quick return
Reduction in costs associated with power, space and cooling.
Modular and utility approach to computing presented by the new environment promotes easier test and development and quicker time to production that means greater agility to respond to the market and competition.
Utilization of existing servers to their full potential.

Results

The Virtualised infrastructure was “future proofed” as far as possible to allow the hosting facility to add new hosts quickly and easily.
The system was designed to cater for the latest VMware produce “vSphere 4”.
Reduced vulnerability to downtime
Testing system implemented
Backup and restore system easily tested

Serv-IT Consulting Ltd

Serv-IT Consulting Ltd specialises in the design and implementation of virtual infrastructures to public and private sector clients. Our expertise ranges across business sizes and types. We work nationally to provide consultation and support for our clients in a professional, knowledgeable and courteous way.

Key technology partners include VMware, Citrix Systems and Ericom.



Case Study Overview

Benefits

The key features of the evolving environment are broadly summarised as below.

- Fully implemented DR scenario
- Fully Consolidated server environment using virtualisation technology.
- Simplified administration and support.
- Optimised Server delivery.

Technologies Used

- VMware ESX 3.5
- VirtualCenter management server
- Vizioncore Essentials including vRanger Pro & vReplicator
- Dell Equallogic SAN PS500V

Timeframe

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