



Scarborough Borough Council

Reduction in carbon footprint plus High Availability and Business Continuity using VMware technology.

Challenges

Scarborough Borough Council as with many organisations needed to maintain a high level of access to their many and varied Information systems.

Key requirements were:

- The reduction of electricity required to power servers and air conditioning resulting in a reduction of the Councils carbon footprint.
- High availability of the Borough Councils server applications.
- Centralised maintenance and control for controlling software installations and access.
- Reduce cost of ownership for new servers.
- On demand utility computing power through the combination of a virtualised and optimised environment for delivering quick return

Solution

Complete IT Systems Ltd was selected by Scarborough Borough Council to provide the consultancy, design and installation experience required to bring the project to completion with the minimum risk.

This project introduced a new infrastructure which reduced the IT server requirement of around 20 down to 4 servers running as VMware Hosts. Complete IT Systems Ltd worked closely with Scarborough Borough Council to design, supply, install and test the new infrastructure. This reduction of risk was a key element in the selection of Complete IT Systems as the partner to work with.

Benefits

Reduction of capital costs.
Centralised maintenance and control for controlling software installations and access.
Reduction in costs associated with power, space and cooling.
Easier test and development and quicker time to respond to the business requirements.
Checking reliability and consistency of backups.
Maintaining consistency in new server builds.
Reduction in environmental power needs in the server room.
Reduction in the time required for the backup "window".
Flexibility in data storage usage.
Reduced downtime for system maintenance with 24/7 demand.

Results

As a result Scarborough Borough Council reduced their IT service risk, saved money on power, space and support plus provide a more manageable and flexible service.
Mr Stephen Ford, Technical Manager of Scarborough Borough Council says:- "We needed a long-term partner with demonstrable depth and breadth of expertise and who'd not only assist in implementation and provide on-going support but also who we could trust to provide expert and sound strategic advice. There's no doubt that Complete IT Systems Ltd fill this role for us and we continue to work with them as we broaden the scope of our virtualisation initiatives".

Complete IT Systems 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 consult, support and supply our clients with professionalism and experience.

Key technology partners include VMware, HP, IBM, Citrix Systems, Microsoft, Veeam, Vizioncore and AppSense.



Case Study Overview

Result

Lower carbon footprint.
Provision of a High Availability solution.
Reduced capital costs, lowered running costs plus a more manageable and flexible service.

Technologies Used

2950 & R300 Dell servers
SAN storage in an EMC CX4120 storage system
VMware vSphere 4
Vizioncore vReplicator
Vizioncore vRanger

Timeframe

→ May-June 2009

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