



# Barony College

Serv-IT Consulting Ltd Provides a Fully Resilient and Consolidated Virtual Infrastructure

## Challenges

Barony College needed to move to a fully resilient virtual infrastructure environment to protect the college and student data and provide a reliable service. Additionally, the college infrastructure of 17 separate physical servers needed to be consolidated to deliver efficient and flexible IT.

## Solution

Serv-IT Consulting was called upon by Barony College to provide the consultancy, design and installation experience required to bring the project to completion with minimum risk and on budget.

The current server estate was consolidated from 17 physical servers to 3 VMware Hosts. The issue of service resilience was rectified by the introduction of Veeam Backup and Replication software.

## Benefits

- Fast, reliable and easy-to-use data backup and replication system.
- Reduction in energy usage resulting in a lowering of carbon footprint.
- High service availability.
- Reduction in space for servers.
- Flexible and fast system administration.
- Reduction in server refresh costs.
- Improved infrastructure agility.
- Centralised control of software installations and access.

## Results

Barony College reduced their IT service risk, saved money on power, space and reduced their carbon footprint, plus provided a more manageable and flexible service. Ian Linwood, Head of IT at Barony College, says, "Serv-IT were very professional in carrying out this project. Virtualisation was carried out with minimal disruption to our operations resulting in long term cost savings, much improved performance and an easier to manage infrastructure."

## Serv-IT Consulting Ltd

Serv-IT Consulting Ltd. specialises in the design, implementation and support of virtual infrastructures. We work nationally to provide consultation and support for our clients in a professional, knowledgeable and courteous way.

Key technology partners include: VMware, Veeam, Citrix, Vizioncore, Ericom and AppSense.



## Case Study Overview

Requirement for a fully resilient virtual infrastructure environment, providing a reliable service.

## Result

Fast, reliable and easy backup and replication.  
Fully optimised virtual server environment.  
Simplified administration and support.  
Reduced operating costs.  
Lower carbon footprint.  
Greater infrastructure agility.

## Technologies Used

### Software

VMware ESX Server 4.  
VirtualCenter 4.  
Veeam Backup and Replication.

### Hardware

HP ProLiant G6 Servers.  
HP StorageWorks 2312i.

## Timeframe

Early February 2010.

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