

The Client
Scottish Canals

Sector/Main Activities
Public Sector

Location
National presence within
Scotland



"Capito were excellent throughout this project delivery.

In particular, the consultant's approach to handover documentation has been first class – it's not often you see it done that well.

Overall, Capito's attention to detail from pre-sales to ordering, to project management and final delivery with handover has been outstanding."

ICT Team Leader
Scottish Canals

The Background

Scottish Canals is a non-departmental public body responsible for managing the country's inland waterways on behalf of the Scottish Government.

Scottish Canals' VMware hardware was End of Life with limited hardware support options. It could not support the latest version of VMware vSphere and the risk of problems occurring was increasing as the hardware aged.

Previous successful engagements with Capito and recent re-introductions to the ICT team led the client to contact us again for assistance.

The Solution

Scottish Canals required new performant infrastructure which could be supported to meet current and future needs.

Capito specified and supplied new hardware to replace the ageing IT Server and Storage Infrastructure at Scottish Canals' two datacentres. Two PureStorage FlashArray//X and x86 Lenovo Servers were selected. Capito completed the following activities:

- Performed discovery on existing VMware environment.
- Designed a new VMware environment and configured vCenter for centralised management.
- Designed the new vCenter.
- Designed the Pure storage configuration.
- Designed VMware migration process to minimise user disruption.
- Installed and configured new Pure storage arrays at both sites.
- Installed and configured new Lenovo hosts at both sites.
- Installed the latest supported version of vSphere on both clusters with vCenter Server Appliance on new hardware.
- Configured Pure storage and created Datastores.
- Migrated all VMware workloads onto new hardware infrastructure, followed by testing.
- Provided referenceable documentation detailing the design and deployment methods used.

The Outcome

A noticeable uplift in performance was reported and user feedback has all been positive.

Achieving the transition from old to new non-disruptively made a huge difference to how the project was delivered.

Scottish Canals now have a fully supported infrastructure that is fit for purpose and will meet their requirements for the foreseeable future.