

# Case study

## Education

### Top marks for desktop transformation

#### Delivering a modern workspace



#### Challenge

- The merger of two colleges was placing pressure on the current desktop estate due to the combining of the two infrastructures
- Running Windows 7 Desktop, the existing desktop estate was end of life and unsupported
- The 2,000 end points were becoming increasingly difficult to manage and adapt to the changing requirements of the various faculties
- Future expansion was constrained as the current infrastructure was not scalable
- Essential requirements of a new solution included providing active site availability, remote access and scalability



#### Solution

- Xtravirt consultants led the assessment, design and implementation of a complete desktop transformation across both campus sites to unify and modernise the infrastructure
- Technical solutions designed and implemented included:
  - Design and implementation of VMware Horizon View and supporting infrastructure
  - Design and implementation of VMware vSAN storage solution
  - Design of new IP network architecture for existing sites and planned expansion



#### Outcome

- **Unified, modernised, scalable** desktop solution across both campus sites
- **Reduced risk and cost savings:** Legacy applications brought up to date, improving business continuity and reducing maintenance costs
- **Improved interoperability:** a fully integrated and VMware® validated EUC solution has enabled a highly optimised environment
- **Scalability:** the new workspace platform enables significantly increased expansion capability for relatively little additional cost
- **Modernised infrastructure:** New virtual infrastructure for EUC on a modern hyperconverged environment with end user workload upgraded to Windows 10 VDI environment utilising features from VMware Horizon Enterprise Edition

#### Customer

This organisation is a group of further education colleges that was created in 2017, following the merger of two of London's leading colleges. They offer education and training in almost all vocational areas at a variety of levels for a wide range of learners.

Xtravirt is an independent cloud consulting business. We believe in empowering enterprises to innovate and thrive in an ever-changing digital world. We are experts in digital transformation and our portfolio of services cover digital infrastructure, digital workspace, automation, networking and security.

[info@xtravirt.com](mailto:info@xtravirt.com)

+44 (0)800 4880 038

[xtravirt.com](http://xtravirt.com)

xtravirt



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