

**Objective**

Modernize infrastructure and data migration

Approach

Replaced legacy HPE server and storage systems with the HPE SimpliVity solution to help reduce TCO, improve IT agility and ensure high performance and availability

IT Matters

- Improve IT scalability and performance
- Perform data migration with minimum disruption
- Significantly reduce the space needed for servers

Business Matters

- Reduce costs and complexity through consolidation
- Reduce power requirements and simplifying administration
- Allow IT employees to focus on business innovation

Improving service agility and business innovation

HPE SimpliVity provides next-generation data center architecture



Challenge

Improve the economics and performance of school's IT systems

Burgmann Anglican School, an independent school system serving 1,500+ students across two campuses in Gungahlin, Australia, replaced its legacy multivendor IT environment with the HPE SimpliVity solution. Helping the school simplify operations, the solution also reduces TCO and ensures high performance and availability for all its core IT services, critical student administrative applications and IP telephony system.

Burgmann Anglican's multivendor IT environment had become too costly and cumbersome to maintain and scale. The school's legacy IT infrastructure included various rack servers, devices and data backup and recovery solutions.

Administering the fragmented environment was a complex undertaking, involving multiple devices and management interfaces. The school often had to call in outside IT consultants to assist with routine system planning, administration and maintenance.

Joel Anderson, head of operations for Burgmann Anglican, initiated a data center modernization program to simplify operations and improve the economics and performance of the school's IT systems. "We're in the education business, not the IT business," says Anderson. "We needed a cost-effective solution that could be easily supported by IT generalists." After evaluating all of the options available, Anderson selected the HPE SimpliVity solution for the school's new IT infrastructure.

Customer at a glance

Hyperconverged Solution
HPE SimpliVity

Solution

Virtualization and secure backup

HPE SimpliVity provides a scalable, modular, 2U building block of x86 resources that offer all the functionality of traditional IT infrastructure - including server, storage and data protection functions. Not only does all of this come in a single device, but it also features a unified administrative interface. Wanting to ensure continuous availability in the event of a hardware failure or problems with applications, the institution implemented redundant HPE SimpliVity configurations in both its Valley Campus and Forde Campus data centers. In addition, all applications and data are backed up across multiple sites to provide for disaster recovery. At each of these two locations, the school replaced an entire equipment rack of legacy gear with just two 2U HPE SimpliVity hyperconverged nodes; significantly reducing the space needed.

Benefit

Refreshing legacy IT infrastructure, simplifying operations and reducing costs

The school has seen many benefits since introducing the new system. Providing real CAPEX and OPEX savings, the school has also made significant monetary savings thanks to reduced storage costs and eliminating the need for expensive outside consultant fees.

In other areas, the school has reported improvements in both performance and reliability, including an increase in data backup and recovery times. Furthermore, thanks to the user-friendly interface, the school has been able to radically simplify operations; creating a single point of contact regarding all IT infrastructure issues and thereby freeing up IT staff to concentrate on other important issues.

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