CASE STUDY: LORETO COLLEGE

Core Infrastructure Replacement to Facilitate "Student Learning … Anywhere, Anytime".

CUSTOMER PROFILE

Loreto College Coorparoo is an independent Catholic Secondary School for girls within the Archdiocese of Brisbane. Established in 1928, it is one of a network of more than 150 Mary Ward schools around the world, seven of which are located throughout Australia.

With more than 800 students at Coorparoo, Loreto College is known as a strong proponent of the philosophy that aims to liberate, motivate and empower girls.
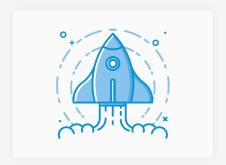
REQUIREMENTS

- Scalable and high-performance core network
- Increased storage and host capability and capacity
- Reduction in switching complexity, integrating ease of management
- Allowance for growth in core-edge link capacity

THE CHALLENGE

To achieve Loreto's technology vision of "student learning … anywhere, anytime", the College core infrastructure required updating due to limitations in supportability, capacity and useability. Updating core infrastructure allowed the College to support mid- to long-term learning outcomes and staff/student needs, resulting in a high-availability, high-performance compute environment.

OUTCOMES

Provides high-performance and redundant infrastructure to support future College growth.

Supports critical teaching and administrative application delivery to staff and students.

Delivers a reliable and cost-effective solution, simplifying technology management and support.

SOLUTION

A 10G core network using an Aruba 5400R chassis was implemented, with a 10G distribution network, integrating existing switches with Aruba edge switches. The addition of new HPE DL380 hosts with HPE Nimble hybrid SAN incorporated redundant power, switching and hosts.

Utilmately, this solution enables a technology-rich learning environment that facilitates the College learning pedagogy, and allows technology growth for the digital information and educational revolution.

"We engaged Aryon to support us in our core infrastructure upgrade because they took the time to understand exactly what the College needed, showed us evidence of how the approach they recommended would produce the results we needed, with low risk. The results were immediately seen and we feel confident with the core infrastructure in place, we can continue to build on the foundation to take the College to the next level of student learning."