Customer Success – Brisbane Girls Grammar School

Case Study

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PROBLEM //

Brisbane Girls Grammar recognised that the ever-increasing integration of IT into the curriculum was causing a problem with storage and support. For example in visual art classes, drawings and paintings were complemented with digital design, video editing and DVD creation. Students and teachers were simultaneously saving gigabyte files of video on a regular basis, causing storage space requirements to double every 18 months. Brisbane Girls Grammar School had also recently finished building a six-storey Creative Learning Centre for music, art, drama, and creative technologies, bringing a total of 750 machines to the network. With the added concurrent use of 100-plus applications, this caused tremendous strain to the School’s IT infrastructure.

SOLUTION //

Using best of breed technology from leading vendors, Data#3 developed an integrated solution using Cisco’s gigabit network hardware, HP’s Enterprise Virtual Array (EVA) 4000 and Storage Area Network (SAN) solution, HP Blade Servers, and a HP MSL LTO3 Tape Library.

RESULT //

For Brisbane Girls Grammar School, the whole solution provided a positive outcome for both students and teachers. The School’s rapid deployment of applications helped improve service delivery and increased scalability and ultimately reduced the cost of management. In addition, the School’s ICT infrastructure supported bigger bandwidths and more storage capacity which saw an increase in students’ productivity and performance. Teachers and School staff were able to improve and streamline their administrative processes to meet students’ requirements.

The benefits of the solution to Brisbane Girls Grammar School significantly provided more storage capacity, improved service delivery, increased productivity and reduced the cost of management. Users can now easily store and access digital files that can be copied and altered. The HP’s EVA4000 will enable more performance and cache which can be managed by a five-person IT department.

“Increased storage space and network bandwidth has allowed for better integration of IT across the curriculum. Students can easily and efficiently access digital resources in the classroom enhancing opportunities for innovative learning.” Nathan Pilgrim, IT Director, Brisbane Girls Grammar School.