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Fostering a dynamic learning environment

The whole implementation process took just 22 months and with the new College Portal Integrated Information System in place, Yeungjin College acquired an integrated system built on cutting-edge technology. The college’s education, research and administration processes now enjoy comprehensive IT support resulting in higher efficiency and an excellent level of reliability.

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Enhancing education with cutting-edge technology

How HP helped Yeungjin College establish an innovative information infrastructure and integrated interface.

Education is fast becoming a technology-driven experience. In addition to human input, the modern classroom now incorporates a host of technological learning aids – from digital media, to online portals, to virtual learning programmes. To stay relevant and ensure that students get the best learning experience possible, educational institutes cannot afford to overlook the growing importance of IT. With these insights, Yeungjin College decided to implement a comprehensive information system that covered academic administration, research support and student services.
With a cutting-edge information infrastructure and field-centred practical training and activities, Yeungjin College has grown to be one of Korea's leading institutes. By delivering a “Customised Education”, it has nurtured thousands of professional technicians uniquely equipped to face the challenges of the future. As such, it is not surprising that Yeungjin College boasts a graduate employment rate of more than 90% and has been ranked No. 1 in the National Customer Satisfaction Index for 4 consecutive years. However, despite its illustrious position, Yeungjin College is not resting on its laurels. It understands that, in order to stay at the top, it needs to continue innovating to deliver an even more comprehensive learning experience. With this forward-looking approach, Yeungjin College decided to implement a College Portal Integrated Information System that would see it become a truly world-class educational institute.

Building from strength to strength

IT implementation has been a key step for Korea’s colleges in helping students maximise learning opportunities. However, while most colleges have adopted IT systems of their own, problems with dual operations and system maintenance have meant that, despite their IT investments, many still face obstacles in providing efficient administrative functions and accurate data retrieval to cope with the rising demands of students and staff.

Yeungjin College has managed to overcome these challenges by ensuring that its IT infrastructure is both scalable and agile enough to cope with the changing needs of the future. Building on this solid foundation, Yeungjin College endeavoured to establish an innovative College Portal Integrated Information System based on the web environment.

Taking access, support and integration to the next level

The primary objectives of the project were to streamline various academic processes and provide an efficient information network that would be available round-the-clock.

Professor Kee Hyeun Jeung, Professor of the School of Computer Information and Technology, says, “We needed to develop an optimal college portal system allowing all college members access anytime and anywhere.” He added, “We embarked on this project to support academic and administrative staff with efficient education, administration and research processes and offer students a range of excellent integrated services.”

In order to create this new IT platform, Yeungjin College needed a new environment which ensured user service, data stability, and wired/wireless services by improving both server and network capabilities. A software interface solution was also required to facilitate mission critical operational processes across the campus with minimised downtime.

Why HP?

To ensure the success of such a complicated project, finding the right IT provider was absolutely essential. Yeungjin College needed a partner that would ensure a smooth implementation process and yet deliver the technology that would help them meet all the objectives they had set.

To that end, a Portal Planning Committee was formed and appointed to evaluate operational systems, solution packages, and hardware systems. This included drawing up a detailed plan, establishing criteria for technological evaluation and going through a business, management and technology (BMT) process.

After this long and cautious evaluation, Yeungjin College ultimately selected HP because of its superior consulting and implementation abilities.
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Challenges

• To streamline various academic processes
• Provide an efficient information network that would be available round-the-clock.
• A system to run mission critical operational processes across the campus with minimised downtime

Solutions

• HP Superdome servers
• An uninterruptible power supply system set up through DBMS dualisation
• A new monitoring system built with OpenView technology
• HP and Yeungjin College worked together to create a College Portal Integrated Information System

Results

Simplicity
• Processes are now streamlined
• Yeungjin College has a one-stop College Portal Integrated Information System for staff and students

Agility
• Students can access information easily resulting in a dynamic learning environment

Value
• Comprehensive IT support resulting in higher efficiency and an excellent level of reliability

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