

S U C C E S S S T O R Y

Hitachi Storage Solutions at Work

International School Bangkok (ISB)

INDUSTRY Education

SOLUTIONS **Services Oriented Storage: Data Protection**
Hardware — Hitachi Adaptable Modular Storage 200
Software — Hitachi Data Protection Suite, powered by CommVault®
Services — Provided by Hitachi Data Systems Partner Acer, Inc./
Acer Computer Co., Ltd.



“After installation by Acer of the Hitachi Adaptable Modular Storage system and Hitachi Data Protection Suite software, we are impressed by the overall performance without using costly tape backup. Moreover, the data backup time is cut shorter, from 24 hours to only 12 hours. Therefore, system administrators can take more time to focus on IT systems.”

*Mr. Stephen Lehmann
Director of IT
International School Bangkok (ISB)*



International School Bangkok Shores Up Storage Environment with Hitachi Data Systems and Acer Solution

Established in 1951, International School Bangkok (ISB) has a proud heritage of providing quality education. It serves 19,000 expatriates from over 50 countries residing in the greater Bangkok area for pre-university levels ranging from elementary and middle school to high school. ISB's progressive vision incorporates new technologies and tremendous amounts of data. Acer and Hitachi Data Systems created a solution based on Hitachi storage and software that can handle the increasing data challenges and minimize backup time.

ISB is recognized as the pioneer and leader of international school in Thailand with vision that includes academic excellence, experienced teachers and the setting in natural environment. Moreover, ISB gives high priority to educational technologies and has implemented educational coursework in this area. To date, ISB is equipped with 1,300 PCs and notebooks or approximately two PCs per three students. As each computer can be connected to wireless Internet across the campus, students can learn, research and work on their projects at all times.

In all classrooms, smart boards are available to provide interactive connection to computers. This allows teachers to explain the lessons or offer new knowledge via multimedia from Internet-based systems or other resources to the whole class simultaneously.

In the near future, ISB is planning to adopt an e-Learning system as a teaching medium to allow teachers and parents to gain access to the central unit and instantly use data through online educational processes.

Accelerating Multimedia Data and Time-consuming Data Backup

As multimedia data comprising data files, pictures, voices and video is becoming more vital to teaching and learning processes, the requirement to back up these tremendous amounts of data costs ISB 24 hours.

Director of IT at ISB, Mr. Stephen Lehmann explained, "It is costly and time-consuming for us to back up huge amounts of data, so we must look for a new storage solution to serve the increasing data and minimize the backup time. Our previous solution was in tape format, which requires a long time to back up. This took days for system administrators. Moreover, the maintenance cost was high and the result was unreliable."

Therefore, ISB decided to switch to disk backup in the format of a SAN solution, which can store tremendous audio and visual data with higher total cost of ownership (TCO) while supporting the implementation of e-Learning system in the future.

Hitachi Adaptable Modular Storage 200 and Hitachi Data Protection Suite Perfectly Serve the Requirements

ISB decided to choose a storage solution from Hitachi Data Systems after attending the Acer/Hitachi Data Systems Customer Solutions Interactive Workshop. The workshop presented the performance and qualifications of Hitachi Data Protection Suite software (powered by CommVault®), covering backup, recovery and archival operations and the Hitachi Adaptable Modular Storage 200 system, which features Volume Migration, RAID-6 and LUN Expansion functions. ISP staff also attended the seminar

conducted by Mr. Hubert Yoshida, CTO of Hitachi Data Systems, on the trend of storage systems in Thailand, which also added to the staff's confidence that Hitachi Data Systems would match ISB's requirements.

Added Mr. Lehmann, "Besides the easy and quick installation by Acer of the Hitachi Adaptable Modular Storage 200 system and Hitachi Data Protection Suite software,

consultation services and deliver immediate implementation.

Mr. Lehmann concluded, "Our storage solution is an indispensable part of a futuristic educational system, as all teaching and learning data will be stored in electronic format to allow quick search and instant use. Schools are no longer needing tons of paper. A storage solution is one of the key factors



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their performance is very impressive; it takes shorter time to back up data as the data size of one terabyte can be completed within 12 hours, instead of 24 hours. This allows system administrators to take more time on IT system management around the campus."

He added that the excellent support from Acer Computer Co., Ltd., a co-branding partner of Hitachi Data Systems, is another key positive factor as they can provide ISB

required to implement an e-Learning system at ISB in the near future. This system allows teachers and students to quickly access to and use data for the online educational process. It will be one of the tools that ISB will use to enhance our academic excellence."

About Acer

Since its founding in 1976, Acer has constantly pursued the goal of breaking the barriers between people and technology. Focused on marketing its brand-name IT products around the globe, Acer ranks as the world's No. 3 vendor for PCs and No. 2 for notebooks, with the fastest growth among the top five players. A profitable and sustainable Channel Business Model is instrumental to Acer's continued growth, while the successful mergers of Gateway and Packard Bell complete the company's global footprint by strengthening its presence in the U.S., and enhancing its strong position in Europe. Acer Inc. employs 5,000 people worldwide. 2007 revenues reached US\$14.07 billion. See www.acer.com for more information.

Acer first penetrated the market in Thailand 1984, establishing an office in 1993. Acer Computer Co., Ltd., has been growing rapidly and is now widely recognized in Thailand. A major sponsor of the 13th Asian Games held in Bangkok in 1998, the company has been the recipient of the *Reader's Digest* "Outstanding Brand Performance" designation for eight years. Moreover Acer has ranked No. 1 in notebook selling company for 13 consecutive quarters (Y2003-present). For more information, please visit the Acer Thailand Web site at www.acer.co.th.

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