

Low-cost computing for education

Korean university develops future IT leaders with NComputing

Challenge

Stabilize student computer labs and address students' evolving needs.

Solution

Install NComputing's X-series to improve uptime.

Impact

*Lowered costs by at least 50%.
Provided much higher uptime and stability.*

Partner

Mustard Communication Inc., an NComputing distributor in Korea, supported Sung-Kong-Hoe University's installation.

Sung-Kong-Hoe University's mission is to provide top-notch training for future IT managers and specialists. But their existing computing infrastructure was inadequate.



Sung-Kong-Hoe University students enjoy computer access with little down time, thanks to NComputing.

More trouble than it was worth

Sung-Kong-Hoe University had limited budget and had tried a multi-user computing solution that required a graphics card for each user connected to the PC. While this saved on the number of PCs that needed to be purchased, it came with multiple problems of its own.

"We encountered problems as there were many PCI graphic cards in each machine. Graphic cards generate heat, and installing many in a PC caused the systems to crash due to overheating. It's also hard to change computer options and software because of incompatibility issues," said Mr. Jeong, Server Administrator in the IT department.

“NComputing

X-series is flexible and frees us from restrictive hardware and software requirements. Our training environment is more reliable and we cut our costs in half.”

MR. JEONG
SERVER ADMINISTRATOR
IT DEPARTMENT
SUNG-KONG-HOE UNIVERSITY

Liberating the PCs from restrictive requirements

Frustrated with the instability of its existing solution, the university started to look for a reliable way to enable users to share the resources of a PC. They turned to NComputing partner Mustard Communication for help.

“Their existing solution was very sensitive to hardware and software specifications because it was reliant on individual PCI graphic cards. NComputing’s solution is much simpler and more flexible. Administrators can manage up to 11 users per PC with the NComputing X-series, so system managers can improve and update their computing solution easily and efficiently,” explained Mr. Chan-Ei Hong, President of Mustard Communication.

The NComputing solution is based on the fact that today’s PCs are so powerful that the vast majority of applications only use a small fraction of the computer’s capacity. NComputing’s virtualization software and hardware tap this unused capacity so that multiple users can simultaneously share it. This solution is ideal for training centers and computer labs as many students can use the same computer at the same time while working independently, and administrators can manage and maintain the training hardware with less hassle.

Economical and green solution

Sung-Kong-Hoe University expects to deploy NComputing X-series virtual desktops throughout the university. “The NComputing solution is flexible and works with multiple training solutions and programs. We are adapting the e-learning software and hardware system to take advantage of the NComputing X-series. This small virtual desktop is simple enough to teach IT students computing basics without special training. This technology is also green—reducing PC waste, power consumption, and air conditioning,” explained Mr. Jeong.

