

## School's Internet Problems Solved and Efficiency Improved with AscenLink<sup>®</sup>

### ● School Background

Founded on March 26, 1958, this school was Taiwan's first home economics school. Initially, it offered programs in home economics, and gradually expanded its curriculum with eight programs in areas such as fashion design, nutrition and others. And with the rapid developments in the economy and technology, nine other programs such as insurance, world trade, information technology and others, were added. Currently it is a university with three faculties (social studies, design, and management) and two campuses located in Taipei and Kaoshiung. In order to focus on education and research, the Taipei campus plans to limit its enrollment to less than 10,000 students, and increase the number of master and doctorate programs. The Kaoshiung campus also plans to enforce such a limitation to its enrollment and continue to focus on undergraduate programs.

### ● Challenges

With the completion of new buildings and faculties, the main task is to update and integrate the old systems and improve their efficiencies so that students will be able to follow the developments in technologies.

#### Challenge 1

Due to the lack of bandwidth management policies in the old systems, the network often disconnected because of various factors. Such a problem affected the quality of the education and delayed the transfer of important messages. As a result, finding a way for to effectively manage the bandwidth usage of every faculty is a key challenge in this project.

#### Challenge 2

Ever since the expansion of the Kaoshiung campus, the IT department has focused a lot of its attention and effort on maintaining a non-stop connection between the Kaoshiung and Taipei campuses. Therefore, finding an efficient way to connect the two campuses is also a major challenge in the project.



## ● Solution

### Why AscenLink®?

After comparing various national brands, AscenLink was found to have a more competitive price and more reliable functions than other products of the same level. And AscenLink also offered more reliable functions than other international brands, at 1/3 of the price. The school also liked the convenience of AscenLink's logistics centre being located in Taiwan, which means faster and better services. Also, AscenLink has been successfully implemented in various educational, government, telecommunication, network service, and manufacturing organizations and its reputation as a reliable product was a key factor in the school's decision.

### Benefit

The university's statistics centre performed tests on a network using AscenLink and found that the new network achieved the following:

- 1 Non-stop connection with effective bandwidth management, ensuring the prompt transfer of important messages.
- 2 AscenLink's high-level interface provides fast and reliable connection between Taipei and Kaoshiung campuses.
- 3 WAN load balancer offers great stability and reliability, decreasing the need of purchasing additional external devices.
- 4 Simple installation process and system configurations.
- 5 Excellent services, providing prompt answers to IT personnel.

**Mr. Lee, the head of the statistics department, had the following comment about AscenLink.**

**The most important things about a network are its stability and reliability. With AscenLink WAN load balancer, both these requirements can be met. As a result, the Kaoshiung campus has decided to incorporate AscenLink.**





● **Return on Investment**

- 1 Multihoming feature ensures non-stop connection and increases work efficiency, saving you time and effort.
- 2 Improves overall network quality and provides better communication amongst staff and students. The quality of education is also elevated, and the IT department can focus their attention on other important issues.
- 3 The problem of insufficient bandwidth is solved with AscenLink's Trunking feature. Multiple ISPs can be merged as one, reducing the cost of the network. (I.e. a T1 connection costs 150,000 NTD/month)
- 4 Ascenlink's all-in-one includes a firewall, which adds to the network security and avoids the cost of extra firewall installations.
- 5 AscenLink's user-friendly interface and online help provides the system administrator an easy and precise way to manage the network.
- 6 AscenLink's special Public Pass-Through feature allows for easy expansion from the old network to the new network, so that everyday operations are not affected.