In order to cultivate information system technicians who are capable of operating in today’s information-oriented society, the Faculty of Information Science at Aichi Prefectural University focuses on the learning and research of advanced information technologies. In line with this goal, the university decided to renew its computer seminar room to construct a learning common environment that would provide students with greater flexibility for discussion.

A multi-screen system consisting of 36 Panasonic displays was selected for the main video unit. As a response to current trends, the Faculty of Information Science at Aichi Prefectural University renews the computer seminar room about every five years. The new room, which is the 4th-generation facility, was designed under the theme of constructing an environment for free and active discussion by enabling a variety of information to be compared. It was decided that around 40 students would be able to use the video display at a time, transmitting images from their computers to the large screens, freely positioning the images, and sizing them as desired.

The following features of Panasonic LCD displays with multi-screen capabilities were considered for constructing the system:

- The wide viewing angle and anti-glare features of the IPS panel would keep the images clear even when viewed from the edges of the room.
- The ultra-narrow bezel design would keep the space between displays only 3.5 mm.
- The high 700 cd/m² brightness would provide sharp, crisp images even in a brightly lit room.

In addition to these features, Panasonic’s comprehensive expertise, such as the software technology to accurately control the images sent from 40 computers, was highly evaluated, leading to the decision to install a multi-screen system with 55-inch TH-55LFV70 displays at the core.

The 36-Screen Multi-Vision System that was installed comprises 3 units vertically and 12 units horizontally, for a 330-inch-equivalent screen that fills an entire wall of the computer seminar room.

Several related items of information can be displayed simultaneously, enabling presentations and discussions to proceed smoothly.

Creating a New Learning Common Environment to Nurture New-Generation Information System Technicians

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Active Discussion Promoted by a Flexible Image Layout on Several Large Screens

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The 36-Screen Multi-Vision System, with its flexible layout of multiple images onto a single large screen, describes it with the following comments, “This system was created because we felt that lining up several images in a display would allow students to carry on discussions from a multi-faceted view. Nowadays, presentations using motion images and animation are a vital part of academic conferences, so we also want to provide training in the seminar room. By holding face-to-face discussions while everyone watches images, we’re able to achieve higher-quality classes and seminars.”

The Faculty of Information Science at Aichi Prefectural University — 36-Screen Multi-Vision System Schematic

(Extracted from the Multi-Screen Section)