



CASE STUDY

Eurotek

Summary

Schools and hospitals realize significant cost savings and a lower risk of patient litigation by using Eurotek's DNA solution. The technology for this automated acquisition and archiving solution is centered on the Focus Enhancements ProxSys Media Server. Students and teachers enjoy an enhanced learning experience with the DNA solution.

Key Benefits

Eurotek needed a content management system to complete its DNA training solution. The Focus Enhancements ProxSys Media Server met the challenge. Eurotek's DNA benefits include:

- Student nurses record their own training procedures on digital media for later review.
- Condensed MPEG-4 streams allow selective browsing over the Internet.
- The master MPEG-2 stream is archived automatically on DVD disks each night.
- Recorded video clips can be selected by student, date, procedure, or other criteria.
- Camera positioning is automated, based on the procedure, eliminating expensive hand labor.
- Students can redo procedures as needed, saving valuable one-on-one tutoring time.

About Focus Enhancements, Inc.

Focus Enhancements, Inc. is a leader in advanced digital video production, management, and presentation technology. Designed by media professionals for media professionals, Focus Enhancements' comprehensive line of video and other media-related hardware and software products helps leading organizations around the world maximize the return on their investment in digital media assets.

Eurotek Uses ProxSys Media Server

Business Challenge

Eurotek, a leading digital media system integrator based in Ireland, created a collaborative digital video solution to address inadequacies in current nurse training programs. Eurotek's designers selected the ProxSys™ Media Server by Focus Enhancements to provide the core technology for the resulting Digital Nursing Archive (DNA) solution.

Solution

Student nurses are traditionally trained in classrooms or in hospital wards by instructors; however, there are practical limitations to the effectiveness of this teaching method. It is a challenge for nursing education programs to effectively blend academic knowledge with closely monitored hands-on training methodology, and it is difficult for a limited number of instructors to provide meaningful one-on-one instruction.

Distance-learning techniques using analog AV devices help teachers reach more students, but student nurses on practice rounds need video cameras and VCRs, as well as highly paid technicians to operate them. Archiving can become a logistical nightmare with a high risk of errors.

Eurotek chose the ProxSys Media Server as the centerpiece for its creative DNA system of integrated digital video acquisition, storage, retrieval, and archiving. The DNA solution drives down educational costs while optimizing the results of AV-based distance learning and tutoring.

Results

The incorporation of ProxSys Media Server into Eurotek's DNA solution provides great return on customer investment. Royalty-free Linux also provides the operating system, and components such as off-the-shelf DVD jukeboxes by JVC and image acquisition video cards by Canopus slash the hardware costs.

