



Case Study : The Robert Gordon University

Install smots™ to facilitate the recording of healthcare students' activities and allow data to be more easily accessible

Client:

The Robert Gordon University

Location:

Faculty of Health & Social
Care, Garthdee Rd, Aberdeen

Project:

Installation of Scotia Medical
Observation and Training Systems
(smots™) to facilitate the recording
of healthcare students and
allow data to be more easily
accessible



Background:

The Robert Gordon University Faculty of Health and Social Care required an upgrade to its recording facilities for teaching students in fields such as Nursing and Midwifery, Physiotherapy, Occupational Therapy, Radiography and Social Work.

Design Considerations:

The university used VCRs to record students during training, allowing them to take away cassettes which they could study at a later date. This required a bank of VCRs and recording onto tapes was time-consuming. The university had employed Scotia UK to install its previous tapebased recording system but wanted to upgrade to a network based solution to allow data to be transferred more easily.

Solution:

The company installed seventeen unique Scotia Medical Observation and Training Systems (smots™) cameras that allow healthcare practitioners to record students in their training, which can be played back later for assessment. Tutors plug in a laptop and use a mouse to control the Sony cameras and record what students are doing in simulation from any part

of the campus. Microphones allow students and tutors to talk throughout the training. The cameras record continuously and the images are beamed back into the network and can be viewed live in lecture theatres or other parts of the campus.

Result:

Large numbers of people, who might otherwise crowd out a smaller room, can observe an exercise from a lecture theatre or other parts of campus without intruding too much on the training. PCs running the smots software can access recordings from the network and where they wish to save a clip, they can export it to a student's network drive, memory stick, CD or DVD. The material can also be used for OSCE external assessments.

Simon Hall, Technical Services Officer at The Robert Gordon University, said: "The quality is very good and the software has been very easy to use. It is a great teaching aid for staff and as they become more confident using it, it will be labour saving."

"Scotia have been very good and have worked hard to make sure the system is working well for us. They are not the type of company to walk away once they have installed their equipment."

Simon Hall, Technical Services Officer at The Robert Gordon University