DeviceMed

Le magazine des fabricants de dispositifs médicaux

Un hôpital qui surveille ses patients 24 h/24

A hospital that monitors intensive care patients on a 24 basis

Technology pioneer IHSE GmbH contributed to the development of an advanced audiovisual and data system for a large German hospital that monitors critical patients in intensive care. The system transmits audiovisual streams, real-time patient information and alarms throughout the hospital, to wherever it is needed, allowing continuous monitoring of the health and status of the patients in the care of dedicated medical teams; ensuring their safety and wellbeing.

Each of eighteen medical rooms is equipped with a microphone and camera. Some rooms also have an electroencephalograph and additional video screens for specialist care. All audio and video data is transmitted to staff in a control room and recorded for patient review.

An IHSE Draco Major KVM/video matrix switch distributes signals around the building over its internal fiber and Cat5 network infrastructure, transmitting it between medical rooms, storage servers and display stations. Operators situated in the centralized control room use 35 local workstations to monitor the data and video streams and respond instantly to emergency situations.

Full HID control and data transmission enables all the remote computers to be located within a remote computer room , releasing valuable space in the control room and increasing overall system security and integrity, as well as enhancing the physical environment for the comfort of the operators.