

Rady Children's Hospital

Upgrade old rear screen CRT technology to modern high definition flat screen technology in auditorium training facility to present cardiac catheterization techniques for doctor training.

The original installation was over 10 years old and no system plans were available. The entire 4-BNC wiring and switching system had to be dismantled and reconstructed after considerable "forensic system design". The mounting of the two Panasonic TH58PH10UK plasma screens required close coordination with the hospital architect to meet stringent OSHPD seismic regulations.

Display consisted of two Panasonic 58" plasma screens controlled by a Crestron Pro-2 controller and TPS-12L touch panel and switched through an Extron Crosspoint 12x8 and MAV 88AV 8x8 matrix switchers. All composite video signals were scaled to XGA resolution with an Extron VSC 500 scan converter and the existing audio system was retained for budget reasons. Two Boeckler Pointmaker annotators were integrated into the two monitor touch screens in the lectern for enhanced presentations. A Vaddio Ceilingview Mega-Pro visualizer document camera was installed above the x-ray light table. External connections were installed to accommodate laptop computers and mobile echocardiogram displays. Existing Tandberg 880 video conferencing equipment to be integrated into the system.

Worked closely with the hospital architect to meet OSHPD requirements. Great care was taken to label all cable feeds and connections to be able to reconstruct the system around the new control and switching components. Simplified the system from four racks to only two.

The job was a design/build contract.

It was completed on time and within budget.





