

Advanced Health Science Pavilion Network Installation

Customer Profile

Cedar Sinai's Advanced Health Science Pavilion is an 11-story, 820,000 square-foot, state-of-the-art facility at the eastern side of the Medical Center. When the doors open in 2013, innovative research and clinical care will share a home at the Pavilion, making this a unique 21st Century Pavilion of modern medicine.



Situation

Cedar Sinai prides itself in being leaders in healthcare facilities. With the previous conditions of the Health and Science Pavilion, located at San Vicente Boulevard and Gracie Allen Drive, construction of the Advanced Health Sciences Pavilion began in 2010 and is scheduled to be completed in summer 2013. The Pavilion is designed for patient-centered care. The Pavilion is to join scientists and physicians together, with an open design for research areas, as well as comfortable lounges, to enhance informal interaction that fosters collaboration that will yield lifesaving results.

Solution

As Cedar Sinai's trusted VAR, NIC Partners collaborated with the Cedars team to design, project manage, and implement a new standard of 21st Century healthcare technology. As part of this project, NIC Partners provided voice, network and wireless connectivity to the entire Pavilion, which included the following:

- Building rack elevations for each floor and communication room including non-Cisco equipment (distributed antenna equipment, nurse call, power and wire).
- Configuration and burn-in of (22) Cisco 6513 switches at the NICP lab.
- Wireless deployment and updates in current WCS/NCS of 250 wireless access points and 60 Intrusion Detection AirMagnet Sensors.

- Pre and post wireless surveys complete with working clinical test plans to identify any gaps from pre-survey to production environment.
- Deployment of 1200 Cisco VoIP handsets in addition to emergency, area or refuge and elevator handsets.
- Day-2 support of voice environment which includes one-on-one user interface and training.

Results

"This facility allows us to integrate research and clinical care under one roof and will transform patient care," says Thomas M. Priselac, president and CEO.

Upon completion, the AHSP Pavilion is expected to accommodate 500 to 600 patients each day and will house outpatient services for the Cedars-Sinai Heart Institute, neurosciences and other clinical specialties, as well as outpatient procedure suites. Its innovative design brings patient care and translational research together in one place, allowing physicians and scientists to collaborate closely in developing new procedures and treatments, allowing this design to be the new set-standard for the entire campus.