



Elmhurst Memorial Hospital

HOW PANDUIT® DID IT

The future is here — but not all hospitals have the infrastructure to embrace it. So when Elmhurst Hospital rebuilt with a commitment to patient-centered care, they turned to Panduit to make it possible. Now they can make technology decisions based on medical and business needs, not infrastructure limitations. Here's how Panduit did it with our Enterprise and Data Center solutions.

Panduit Enterprise & Data Center Solutions

Elmhurst wanted a future-forward backbone for their enterprise. They knew they needed to connect a massive campus: a full-service acute care hospital, a 178,000-square-foot, 4-story physician office; outpatient healthcare services; surgical suite facility; and an 80,000-square-foot medical office building.

But they also wanted to be sure the network wouldn't get in the way of future expansion plans. **Here's how Panduit did it.**



Hallway & Common Areas

Patient care extends far beyond the bedside and requires an extensive wireless infrastructure capable of connecting every person on every device in an 866,000 square-foot facility that's not only reliable, but flexible enough to scale as facilities are added. Here's how Panduit did it.



TELECOMMUNICATION CLOSET

Connects to the main data center with 72 strands of single mode and 24 strands of 50-micron multimode fiber



SECURITY CAMERAS

For dependable 24/7 monitoring



MOBILE NOTIFICATIONS

Keep nurses informed of any changes to patient medical records, so they can spend less time at nurses' stations and more time with patients



WIRELESS EVERYWHERE

Wireless access points deliver wireless to all 259 patient rooms and throughout the hospital

259 Private Patient Rooms

Dedicated to delivering the highest standards of patient care, Elmhurst wanted to ensure each patient room was equipped with the most intelligent, state-of-the-art technology possible to make stays more comfortable. Here's how Panduit did it.



NURSE CALL SYSTEM

Sends out alerts and clears them when the right caregiver enters the patient room



BEDSIDE COMPUTER

Allows practitioners to review patient records and discuss the plan of care with patients



SMART BED

Can schedule medication reminders, detect patient movement to call nurses for help, and translate into 70 languages



WIRED TECHNOLOGIES

Televisions and analog phones are wired, freeing up wireless capacity for other devices



Surgical Suite

Delivering intelligent medicine by design requires innovative connectivity for high-tech functionality in the most advanced surgical facilities in the world. Here's how Panduit did it.



ROBOTIC SURGICAL SYSTEM

10 GbE copper cabling made it easy to plug in, connect, and go



VIDEO CONFERENCING

Enabled throughout the hospital for communication amongst care teams and with patients



PHYSIOLOGICAL MONITORING

Enabled by over 3 million feet of 10 GbE copper cabling

Imaging & Testing

Ensuring physicians, nurses, and other caregivers can always access up-to-the-minute information is critical. With Panduit's TX6A™ 10Gig Copper and Opticom® Fiber Backbone, Elmhurst's entire care team can securely view medical records and test results at the same time, regardless of location. Here's how Panduit did it.



RADIOLOGY SYSTEMS

Enabled by over 3 million feet of 10 GbE copper cabling



COLLABORATIVE CARE

Connectivity enables staff to share EMRs, x-rays, and test results no matter where they are



"The new Elmhurst Hospital is an ideal blend of the practical and the beautiful. We have carefully designed it with the future in mind so that it can accommodate changes in health care, ensuring it will be as functional 50 years from now as on opening day." - Leo Fronza, former CEO, Elmhurst Hospital

THAT'S HOW PANDUIT® DID IT

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