



## ▶ Emtec's® IT Solutions are Right Prescription for Ailing Network at Bridgeport Hospital

*"The project was completed by Emtec in less than nine months, under budget and in record time, while minimizing disruption of our health system's day-to-day operations. Now, over 1,000 desktop computers in all 15 of the hospital network's buildings are redundantly linked for disaster recovery."*

— Kevin Rhodes, Chief Technologist

### Client:

Bridgeport Hospital in Bridgeport, CT was founded in 1878 by a group of prominent community leaders, including circus visionary P.T. Barnum, who was also the city's mayor and later became the hospital's first president. A member of the Yale New Haven Health System, this private, not-for-profit hospital is Fairfield County's most comprehensive health care facility. The hospital serves more than 19,000 inpatients and 140,000 outpatients annually.

### Problem:

Bridgeport's affiliation with Yale New Haven Health System spurred efforts to evaluate its network infrastructure. The Yale New Haven Health System required the hospital to interconnect with their WAN and consortium-wide disaster recovery and data security. Bridgeport's network evaluation stressed the need for a major revitalization of the hospital's IT network to enable the link. Furthermore, Bridgeport's management required that any proposed upgrades had to increase the desktop network speed in line with network backbone upgrades from 10BaseT rates to Fast Ethernet (100BT) speeds. In addition, the hospital insisted the work be done with minimal disruption to day-to-day operations.

### Solution:

Emtec's Cisco-certified engineers reviewed a Cisco-designed backbone infrastructure, and performed a thorough walkthrough of the existing closets to assess potential difficulties in installing new equipment while the old hardware was still in use. Emtec also assessed the design's effectiveness in creating a fully redundant infrastructure with no single points of failure. The entire infrastructure project was completed in less than nine months, in record time and under budget, with almost no disruption to the hospital's daily operation.

### Results:

The hospital's dramatically upgraded IT system provides more than ten times the original capacity, and is designed to run the latest medical software – as well as future technologies – that will directly affect patient care. The new electronic infrastructure integrates a powerful disaster and backup capability that guarantees access to patient information even if a portion of the infrastructure temporarily goes down. Plus, patient data is now readily available from anywhere within the hospital network at the instant it is needed. In addition, the enhancements that Emtec proposed in closet design make servicing the new equipment a whole lot easier.

**About Emtec:** Established in 1964, Emtec, Inc. is a systems integrator that provides IT services and products to the federal, state, local, education and commercial markets. Our market leading value-based management methods, coupled with best-in-class IT technology, consulting and development services, address a wide range of specific client needs, as well as support broader IT transformation initiatives. Emtec's service capabilities span the United States, Canada and countries around the globe.

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