

“Top 100 Most-Wired Hospital” Deploys InfraStruXure® to Safeguard Access to Electronic Patient Data



"InfraStruXure® is the perfect solution for the higher availability and high-growth environments that exist in today's digital hospitals."

*Gary Light
Chief Technology Officer
Concord Hospital*

"Concord Hospital is a 205-bed facility that employs 2,604 individuals including more than 300 physicians within 50 specialties and subspecialties. We are New Hampshire's second busiest acute care hospital. One of our key business strategies is to leverage our information technology to improve the quality of our patient care, to reduce medical errors and to decrease the cost of care. Hospital & Health Networks Magazine has named our hospital among the 'Top 100 Most-Wired Hospitals' for four years running.

"We were early adopters of many innovative new technologies. For more than 10 years now, we have been utilizing wireless networks to provide point of care clinical documentation including medication administration. We have also implemented McKesson's PACS (Picture Archived Communication System) digital imaging system to reduce the costs of legacy film-based processes and to more effectively diagnose illnesses.

Digital Hospital Now a Reality

"We are now in the process of installing McKesson's document imaging application in order to move to a true 'paperless' historic medical record. In addition, the hospital's physician practices have successfully implemented a community-wide electronic medical record (EMR) system using the GE Medical Systems Centricity EMR application.

"Our doctors and nurses have become increasingly dependent on around the clock network access. They need to see the patient history and to diagnose illness through digital imaging. They also need to prescribe medicine electronically. To support our users we knew we needed to proactively develop a new approach in our data center that provided an even higher level of uninterrupted access to the network.

Standardization and Scalability are Key Benefits

"After we completed a thorough needs analysis and evaluated the available solutions in the marketplace, we selected APC's InfraStruXure® solution to serve as the physical infrastructure for the hospital's most critical IT applications. InfraStruXure addressed our need for increased availability through its standardized, modular, hot-swappable, N+1 design.

"When faced with the choice of drastically over-sizing one large legacy system to accommodate uncertain future IT growth curves, InfraStruXure enabled us to 'right-size' and increase capacity 'on-the-fly' as we continue to grow. This approach lowers our total-cost-of ownership and, because the system is modular, we easily can perform self-service.

High Availability Drives Digital Applications

“APC’s InfraStruXure architecture, integrates power, cooling, rack, management and services, and allows for the selection of standardized components to create a scalable solution through modular and mobile configurations. We benefit because this scalability takes out much of the planning guesswork, and we minimize the risk of delays when installing critical applications. InfraStruXure is the perfect solution for the higher availability and high-growth environments that exist in today’s digital hospitals.”

“We are now even more confident in delivering uninterrupted IT system availability as we continue to provide the digital applications that the community depends upon for health and well-being. With InfraStruXure, we know they will be up and running no matter what unforeseen circumstances may occur in the future.”