



SUMMARY

Customer

Healthcare provider

Challenge

Implementing the appropriate infrastructure to support needed applications

Solution

The IP Connected EnterpriseSM

Results

- Flexible infrastructure
- Lower operational costs
- Single source for technical and product knowledge



Greater cabling flexibility leads to lower operational costs over the life of the infrastructure. An IP Connected Enterprise approach to infrastructure design avoids the need for periodic recabling. Also, by tying together several building and network systems, the hospital gains greater control and better communication throughout its facility.

Customer Challenge

A leading Australian healthcare provider wanted to upgrade its current offering by investing more than \$200 million into the redevelopment of one of its hospitals. The new building, which is part of six campuses that span a single metropolitan region, represents the company's continued commitment to long-term capital plans for future growth. As the first of three new buildings, the new hospital uses state-of-the-art technologies to provide a variety of services.

The five-story building was to use the latest in medical imaging technology, networking communications, building automation, nurse call systems and access control. During the installation, the hospital hired a contractor to complete the cabling and infrastructure installation. Because the hospital had a business need to control costs, a less expensive, minimally compliant cable was selected to support the advanced applications that the hospital wanted to install. The contractor and hospital contacted Anixter to provide the materials for the project.

As a leader in the structured cabling industry, Anixter matched the bill of materials against the hospital's desired applications and found that the cabling infrastructure would quickly reach capacity without headroom for future upgrades. Anixter recommended an IP Connected EnterpriseSM approach that uses a fourth-utility concept that ties together data and voice networks with physical security and building automation systems. Anixter evaluated the original design and made recommendations to confirm the hospital was making sound infrastructure decisions that supported their long-term capital investment.

Anixter Solution

Anixter met with the hospital, consultant and integrator to discuss the benefits of an IP Connected Enterprise design. The IP Connected Enterprise approach to infrastructure design and operation provides utility-grade connectivity, addressability and integration of any computer process-based communications or building system as well as a migration path for connection, real-time control and monitoring of any device, signal or multifunction legacy system anywhere in the enterprise. By seamlessly integrating building and user systems into a centralized network to redefine the ways the two interact, the IP Connected Enterprise approach extends the presence of the IT network so employees can gain mobility through remote access of global systems while driving productivity through flexible relationships and centralized operations.

CASE STUDY

HEALTHCARE PROVIDER BUILDS NEW HOSPITAL WITH FLEXIBLE INTELLIGENT BUILDING INFRASTRUCTURE



Anixter presented the solutions, and all the involved parties accepted the recommendation for the networking infrastructure. Because one of the highest costs for a hospital is recabling to support future applications, the IP Connected Enterprise approach provided the hospital with a long-term solution to adapt to future technology shifts. Anixter then worked to effectively deploy the copper and fiber cabling, cable trays and cabinets to the hospital.

Project Results

With the IP Connected Enterprise solution approach, the hospital received a flexible, long-term solution. Says Barney Tomasich, Business Development Manager at Anixter, "The IP Connected Enterprise system is a dramatically more flexible infrastructure that squeezes more productivity out of a building for a longer period of time."

The greater cabling flexibility leads to lower operational costs over the life of the infrastructure. An IP Connected Enterprise infrastructure is designed to support today's and tomorrow's applications for years to come. Also, by tying together several building and network systems, the hospital receives greater control and communication throughout its facility.

With Anixter, the hospital and contractor received a single source for the technical and product knowledge necessary to complete the new construction. Overall, the IP Connected Enterprise provided a cleaner and simpler design. "The process is the advantage," said Tomasich. "Whether it is an IP telephone, camera or workstation, the single infrastructure network of the IP Connected Enterprise allows everything to be tied together." With a completed facility and an infrastructure with a long lifespan, the hospital can focus on delivering the care and services it specializes in to the community.

The IP Connected Enterprise

The IP Connected Enterprise is an approach to infrastructure design and operation that provides utility-grade connectivity, addressability and integration of any computer process-based communications or building system as well as a migration for connection, real-time control and monitoring of any device, signal or multifunction legacy system anywhere in the enterprise.

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OVER
8,300
employees

OVER
100,000
customers

MORE THAN
450,000
products

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