

From Blueprint to Bedside: Building a Hospital Network in 3 Weeks

The Challenge

Integrated Health System came to us with a new hospital tower, a compressed timeline, and the need for a network that could support everything from critical patient monitoring and Voice over Wi-Fi (VoWi-Fi) to future AI-driven clinical applications. The stakes were high, and there was no room for error.



They chose us because of our platform-led approach and our proven ability to deliver complex solutions on time and on budget. For this project, that meant designing a routed-access architecture using Cisco Catalyst Center for automation, with a focus on segmentation and Zero Trust principles from day one.

The Execution

103,864

Steps Walked During
Wireless Survey

696

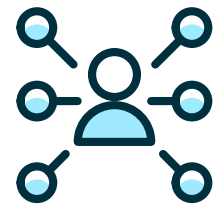
Access Points
Deployed

80

Switch Chassis
Configured

3

Weeks from
Start to Finish



The Architecture

A secure, scalable platform for the future of healthcare.



Routed-Access Design

The network was built on a routed-access architecture, providing a robust foundation for segmentation and Zero Trust security. This ensures that performance, reliability, and security are built in, not bolted on.

End-to-End Accountability

Our end-to-end accountability—from design and validation in our advanced lab to staging and deployment—made it possible to deliver a fully operational network in just three weeks.

The Outcome

A network that enables better patient care.

- **Seamlessly deployed a state-of-the-art wireless and switching infrastructure** spanning 19 patient-occupied floors, mechanical levels, and a helipad vestibule.
- **Delivered reliable coverage for VoWi-Fi and patient monitoring systems**, ensuring critical clinical workflows are always connected.
- **Exceeded project goals within a compressed timeline**, showcasing our deep expertise in wireless and network solutions for complex healthcare environments.



The principles that made this project successful are the same principles we bring to every engagement.



Platform Led

We architect platforms, not just projects.

Outcome Focused

We deliver measurable business outcomes.

Advanced Lab & Deployment Capabilities

We validate every solution before it goes live.

Deep Cisco Bench

Including 9+ former Cisco engineers.

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