



UNITY HEALTH SYSTEMS, ROCHESTER, NEW YORK
Hospital Modernization and Expansion
Communications Infrastructure and AV
(including AV, Security and Clinical Systems)

Project Description

The Infrastructure project included the addition of a fourth floor to the existing hospital with new Gastro-Intestinal and Dialysis Units, as well as the complete renovation of every patient room. The project spanned four years and numerous phases while maintaining ongoing daily operations.

As part of the overall project, the majority of conference rooms and meetings spaces were renovated and enlarged. From an executive boardroom to an 80-person auditorium, each space was designed to best meet the evolving needs of AV support required for a modern-day healthcare facility. In total, 150,000 sq. ft. of space received new and upgraded technology.

Other aspects of the AV component of the project included a new digital signage system, with a completely display driven menu board system for the new café.

Challenges

- Assisting the various departments to ensure all systems remained operational during patient relocations while simultaneously upgrading existing systems.
- Integrating the technology with architectural constraints to ensure the room remained functional while still being aesthetically pleasing.
- The boardroom is an example where the functionality of a blackout shade in front of the large stained-glass window was seamlessly integrated into the electric projection screen installation. The projector for this space was also completely concealed within a soffit to keep it out of sight and provide acoustical isolation.

Statistics

Total Program Cost	\$ 158,000,000
Firm Responsibility Cost.	7,000,000
Total AV Project Cost	450,000
Completion Date	2012

Project Contact

Please call 585.424.1952 for references or visit our website for more [project profiles](#).

ARCHI-TECHNOLOGY'S ROLE

Functions

- Budgeting
- Strategic planning
- Design/construction management services

Systems Coordinated

- Exterior conduits and entrance facilities
- Interior cable plant from data center to new Communication Equipment Rooms and all associated backbone and horizontal cabling
- Voice and data systems
- Overhead paging systems
- Communications tower and external antenna systems
- Conference rooms
- Access control
- Video surveillance
- Nurse call
- Telemetry

Additional services included budget management and coordination with purchasing office for procurement of all Clinical, AV and IT equipment.



Technology Consultants for the 4th Utility

