

We can do that.



consilium1

## Data Center & Networking: Healthcare Wireless Upgrade Project

Our hospital client wanted to support their **patients** with innovative **new technologies**, but their **wireless system** was holding them **back**. We helped them implement a **state-of-the-art solution** that not only **boosted** their wireless services and **capabilities**, but **also** helped them meet **federal compliance guidelines**. | **Problem solved.**

For over 100 years, our client has provided health care services to residents in New York. Once a small rural hospital, it is now an expansive, comprehensive system that includes multiple hospital locations across New York State and a large charitable foundation.

### PROBLEM

Our client's decade-old wireless system presented several challenges:

- The existing Symbol wireless infrastructure was unsupported and well beyond its intended lifecycle.
- Signal strength was poor and performance was slow and unreliable.
- The outdated system did not allow our client to introduce technological advancements like:
  - Electronic Health Records (EHR)
  - Picture Archiving Communication System (PACS)
  - Computerized Physician Order Entry (CPOE)
  - Bedside Medical Verification (BMV)
  - Bar coded equipment tracking and maintenance.
- System was preventing our client from meeting federal compliance regulations and qualifying for "Meaningful Use" health incentives.

### SOLUTION

consilium1 delivered a complete and comprehensive solution:

- c1 replaced the entire wireless infrastructure to boost signal strength and performance across the entire campus.
- The solution enabled the implementation of innovative new processes and technologies, improving patient care and services.
- c1's solution included in-depth training for hospital staff across all of the new technologies.
- System designed to grow and support future expansion.

### RESULTS

This wireless solution delivered for our client in many ways:

- Improved capacity, signal strength, and wireless service levels across the hospital.
- Increased efficiency across the board, improved patient services and processes, and vastly improved overall capabilities.
- CPOE, BMV, EHR, and PACS capabilities greatly improved workflow and patient support while meeting federal compliance guidelines and helping the hospital qualify for "Meaningful Use" incentives.
- New system offered wireless availability to guests.

### PARTNERS



For more information about c1, visit [consilium1.com](http://consilium1.com), call us 1-866-631-5494, or contact us at [sales@consilium1.com](mailto:sales@consilium1.com).