



CORNING

Caring for More Patients by Preparing for Network Growth

Healthcare System: Southeast USA

Background

- Planned expansion for a four-building healthcare campus, totaling 1 million square feet.
- 80,000 employees and 8,000 patients, all requiring cellular coverage.

Meet the Project Leads

- *Martin*, CIO, is responsible for making technology-investment decisions based on the company's strategy.
- *Carlos*, IT director, is responsible for deciding which solution to standardize.



Challenge

This hospital system was using legacy DAS products, with a plan to expand their facilities. A major carrier could not be brought into the network under its current structure, and other carriers were adding separate layers to try and improve quality. The network management and control of multiple layers became true chaos. The facility was in need of a simplified cellular solution to increase employee retention and improve the patient experience.

Meeting the End Users' Needs

Future-Ready Network with a Full-Fiber Solution

- A single infrastructure to support growth plans.
- Flexibility to add multiple applications with minimal rip-and-replace to existing infrastructure.
- Single solution to support multiple carriers for increased cellular coverage.

Solution

The Corning® Optical Network Evolution (ONE™) Solution supports fiber deeper in the horizontal, enabling convergence and saving up to 30 percent initially and up to 50 percent on future upgrades.

The healthcare system was searching for a network that could support them as they grow. With the Corning ONE solution, the customer was able to:

- Easily scale and control the network.
- Simplify the existing layers in the network.
- Improve their ability to add future services, including more bandwidth and Public Safety applications.

 [See What's Possible in Your Network](#)

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Corning Optical Communications LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

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