

PRODUCT SOLUTIONS BRIEF  
**CORNING**

**HEALTHCARE FACILITY COMMUNICATION EFFICIENCY**



SpiderCloud® radio node

Through our strong global partnerships and alliances with manufacturers such as Corning, we are able to present you with the following offering to meet your specific healthcare requirements.

**SpiderCloud® Wireless**

As the demand for wireless mobility continues to grow, connectivity in healthcare facilities is more than a necessity—it is life-critical. Mobile devices used by doctors, patients and visitors; asset tracking; and medical apps all require a robust, in-building wireless connectivity solution. While creating an environment conducive for doctors to do business and for patients to receive services, the solution must also address energy use, maintenance costs and long-term adaptability.

**CHALLENGE SOLVERS**

- **Reduces infection-control protocol demands:** Radio nodes can be attached to existing spare Category 5e cabling, potentially limiting the need to open the ceiling for any further installation.
- **Port consolidation:** Radio nodes can leverage an enterprise's existing IP/Ethernet transport backbone if there's access to open Power over Ethernet Plus (PoE+) ports in the IDF.
- **Footprint and power reduction:** In the headend of the network, the services node requires only 1U (1.75-in. height) of space in a 19-in. equipment rack and two standard 110 VAC single-phase power outlets. The services node vastly reduces the HVAC demands of other solutions, as it adds only 512 BTUs of thermal load to the headend.

**THE ANIXTER APPROACH**

- **Visual Engagement**  
Support the new ways that people deliver and consume information through digital signage and mobile devices.
- **Personal Notification**  
Simplify individual communication between medical staff, patients and administrators to increase satisfaction and accuracy.
- **Mass Notification**  
Capture the attention of staff and visitors and deliver vital information through mass notification solutions.
- **Unified Communication**  
Choose the appropriate communications equipment to provide a high quality voice, data and video experience for employees.
- **Noise Reduction**  
Increase patient satisfaction and outcomes in various environments with well-designed noise reduction solutions.
- **Emergency Notification**  
Provide direction to act and communicate to multiple groups, enhancing responsiveness and improving care.

**THE CORNING SOLUTION**

**SCALABLE CELL COVERAGE**

Radio nodes  
Services nodes

**EXISTING INFRASTRUCTURE**

Can be deployed over any LAN

**MULTICARRIER PLATFORM**

Solutions can support any scenario

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**CORNING**

**WHAT WE HEAR**

Healthcare stakeholders are dealing with a variety of challenges:



Improving **RESPONSIVENESS** of patient care



Administer **SEAMLESS** wireless availability



Initiating **EMERGENCY** management



Reducing **NOISE** pollution



Providing **DIRECTIONAL GUIDANCE**

**Infrastructure as a Platform**  
by Anixter

Infrastructure as a Platform by Anixter provides a practical, configurable and integrated approach to targeted healthcare engagement in your patient-centered environment.

## CONFIGURE

We help you discover and map your specific needs to the best solution.

- Active electronics
- Cabling requirements
- Power solutions

## BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Rack and cabinets
- Network test equipment
- Cabinet PDUs

## DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labeling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

## CORNING CORNING SPIDERCLOUD® WIRELESS FEATURES

### ✓ SCALABLE AND SEAMLESS CELLULAR COVERAGE AND CAPACITY

Combine with Corning® Optical Network Evolution (ONE™) to improve cellular coverage and capacity coverage in the most demanding healthcare environments. This includes access to a full-solution portfolio including fiber and power, software defined LAN (SD LAN), small cell and cellular DAS.

#### High SIM Density

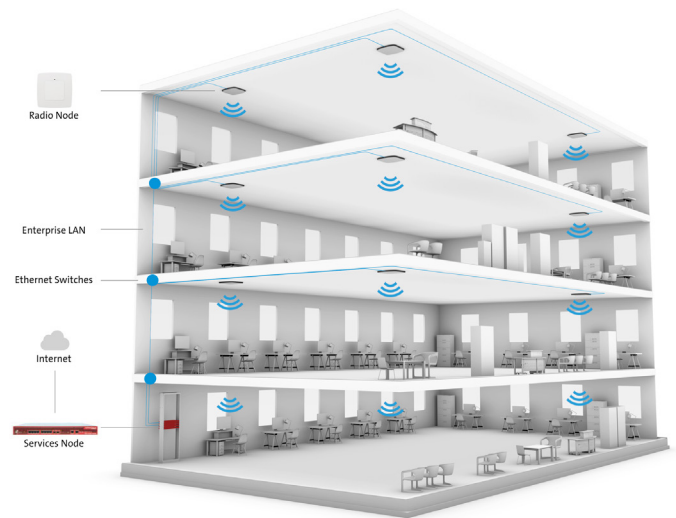
- Determined by connected devices per square foot, SIM density ranges from low (residential) to ultra high (stadium/convention center). The ONE system provides a robust infrastructure and virtually unlimited bandwidth for the SpiderCloud® E-RAN and other network services that support an entire range of densities.

#### Multicarrier Needs

- Whether the targeted facility needs only two or all four of the major U.S. carriers, Corning cellular solutions can support any scenario.

#### Building Size

- Building size is no longer a factor in determining a cellular solution, and has been replaced in importance by network applications and carriers that support critical connectivity today.



SpiderCloud® architecture

**> FOR MORE DETAILS VISIT [ANIXTER.COM/SHOPCORNING](https://www.anixter.com/shopcorning)**

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**Legal Statement:** [anixter.com/legalstatement](https://www.anixter.com/legalstatement)

At Anixter, we enable the connected world. By building, connecting, protecting and powering valuable assets and critical infrastructures, we help to sustain and grow businesses and communities worldwide. We accomplish this by offering full-line solutions, technical intelligence, supply chain expertise and an unmatched global distribution network.

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