



CORNING

Delivering always-on, easy-to-manage connectivity for senior living communities

Senior living communities are adopting more technology to provide a comfortable, connected, and engaged experience for their residents, guests, and employees. Corning's in-building solutions can simplify network management and enable the technologies that are transforming senior living communities.

Extend the Reach of your Network to Enable Remote Devices

Whether a senior living facility is a campus-style with multiple buildings or offers all services under one roof, enabling remote applications like security cameras, door locks, and outdoor Wi-Fi can be a challenge. Corning's remote power solutions and ActiFi® composite cable deliver data and power beyond 2,000 feet to enable remote devices that are often hard to reach or far from the nearest intermediate distribution frame (IDF) closet. As a result, senior living communities can reduce the number of IDF closets needed and repurpose that saved space to become revenue-generating spaces, such as providing room for additional beds.

Add Network Flexibility for Unique Application Requirements

Because technology plays such a big role in the resident experience, having a flexible network that can support the unique requirements of a wide variety of devices and applications is key. The Corning solution provides added network flexibility by supporting both passive optical network (PON) and point-to-point active Ethernet transport technologies under the same streamlined infrastructure.



Reliable connectivity can improve resident health and safety



As a result, senior living communities do not need to pull additional cabling to support the different application needs at the edge. Corning's software-defined local area network (SD-LAN) adheres to the standard IEEE networking protocols while adapting to meet various application requirements.

Simplify Network Management

Reduce troubleshooting time and easily manage IP applications at the edge with Corning's software and orchestration platform. This platform provides visibility of the end-to-end service path directly to the edge, reduces provisioning time with template-based provisioning, and provides real-time and historical analytics. As a result, network managers benefit from simplified day-two support and are able to resolve issues quickly to improve resident service.

Reduce Elopement Risk

Maintaining resident independence while also improving wander management is important as costly elopement-related insurance claims are happening more often.¹ The Corning software and orchestration platform supports transport layer security (TLS), allowing residents to maintain access to their own private network while moving throughout the facility. The system also helps staff members to quickly locate residents who need assistance.

¹ McKnight's Senior Living, 2016.

Limit Resident Disruptions with a Future-Ready Network

Rather than rip-and-replace cabling to keep up with evolving technologies, leveraging a fiber-and power-deep network can reduce day-two upgrade costs, prevent congested cable pathways, and limit resident disruptions during upgrades.

The Corning solution can scale and adapt to accommodate for day-two applications without requiring senior living communities to pull additional cable. Instead, Corning ONE is this future-ready solution that leverages the virtually unlimited bandwidth capabilities of fiber, the powering capabilities of copper, and the management capabilities of the software platform to meet future needs and network demands.

Getting Started

Corning can help you build a next-generation LAN that can support the specific needs of your senior living community. Contact your local Corning sales engineer or visit [corning.com/fiberdeep](https://www.corning.com/fiberdeep) for more information.



Deliver facility-wide connectivity to enhance resident experience

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