RUCKUS®
COMMSCOPE

CHRISTIAN CARE COMMUNITIES
Provides a secure and reliable network for residents, staff, and operations

In Arizona, Christian Care Communities (CCC) is the largest non-profit provider of senior housing and services. They operate a group of campuses dedicated to providing high-quality, affordable care. CCC contacted Dual Path, a RUCKUS Elite Partner, to design, deliver, and support a pervasive network for one of their properties, Christian Care Cottonwood. CCC provides more than just affordable housing; they create a supportive community designed to create comfortable, stress-free living for their residents.

CHRISTIAN CARE
COTTONWOOD

Customer
Christian Care Cottonwood

Location
Arizona

REQUIREMENTS

- A secure and reliable network
- Pervasive WiFi coverage and strong signal strength across eight different buildings
- An easy to use solution with senior-focused customer services

SOLUTION

- Deployed over 100 indoor access points throughout the campus, including wall-mounted access points
- Installed the RUCKUS virtual SmartZoneTM (vSZ) for redundancy to deliver the high availability needed for online learning
- Installed RUCKUS ICX8200 switches in a stack topology for maximum redundancy

BENEFITS

- A fully managed, proactively monitored solution
- Simplified network set-up and enhanced security
- Accessibility to IoT applications and modern building features
- Responsive and senior-focused customer service
- Scalable infrastructure

The Challenge

Staying socially connected and engaged has been proven to significantly impact seniors' health and wellness. Christian Care Cottonwood strongly emphasizes the importance of their residents having the ability to maintain their independence while being involved in a welcoming community that allows them to build relationships and live life to the fullest.

Christian Care Cottonwood is a 90-unit senior living community comprised of eight buildings. The community needed connectivity for all units to provide residents and staff with current technology.

The absence of pervasive WiFi and outdated infrastructure posed significant challenges for CCC. Residents needed access to affordable, quality WiFi along with technical support to supplement it. The lack of connectivity hindered their ability to stay connected with loved ones and access essential services and information. Additionally, the buildings' outdated infrastructures needed a refresh to integrate modern technological solutions to improve resident care, sustainability, and staff efficiency.

The Solution

Christian Care Cottonwood's search for a comprehensive, easy-to-use solution led them to Dual Path. Dual Path quickly designed a customized solution to meet their connectivity needs across the entire property. This solution included connectivity for several applications, modernizing the staff and resident experiences.

Dual Path provided the following for Christian Care Cottonwood:

- High-speed connectivity between all eight buildings

- A managed wired and wireless network with secure, reliable Internet access for both residents and staff

- The capability to deliver IP-based television services for personalized entertainment options, converged CCTV, access control, and IoT sensors

- In-unit Wireless Access Point (AP) infrastructure to increase the capacity of effective Internet service to residents

Dual Path used modern frameworks to create a scalable infrastructure that can support growth and future applications that require high-speed data networks.

"Using the RUCKUS product ecosystem, we were able to build a cost effective and scalable solution that set up CCC for many years of high speed connectivity, enabling the next generation of technology to be deployed throughout a distributed campus. The ICX8200 was a great choice to deliver maximum scalability and redundancy. Managing the entire campus network as a single stack simplifies network administration and gives us the tools to keep things running 24/7."

–Eric Markow
CEO, Dual Path

"The network is solid and reliable, and residents are thrilled with the affordable, high-quality Internet service. Dual Path's Compassionate Support team is unmatched, as they assist residents in connecting their devices with top-tier virtual support every day, while also fostering trust through in-person visits and hands-on workshops.

"With the new robust network and future-proof infrastructure, the property can integrate cutting-edge technologies, including IoT. This capability promises to improve resident care, reduce energy costs, improve sustainability, and increase staff efficiency. The forward-thinking upgrades not only cater to the current needs of the residents, but also ensure that the community can seamlessly integrate technological advancements, enhancing the residents' quality of life for years to come."

–David Schneider
IT Director, Christian Care Communities

About RUCKUS Networks

RUCKUS Networks builds and delivers purpose-driven networks that perform in the demanding environments of the industries we serve. Together with our network of trusted go-to-market partners, we empower our customers to deliver exceptional experiences to the guests, students, residents, citizens and employees who count on them.

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