Cambium Networks™

CASE STUDY

Barrier-free internet access: free Wi-Fi for residents in German senior living home

Overview

It is important to provide senior citizen in care homes and senior living facilities with appropriate care and a wide range of entertainment options in order to ensure that they feel comfortable. More and more senior citizens possess mobile devices and want to use them for different applications in their new homes. Whether for streaming, video calls with relatives or downloading the online edition of the daily newspaper – a consistently stable and reliable Wi-Fi connection is required for smooth use.

In order to provide its residents with a high-performance Wi-Fi network, the senior living residence AWO Chemnitz in Germany decided to modernize its existing Wi-Fi infrastructure as well. The company Mugler SE was commissioned with the project of deploying a new Wi-Fi network. As Mugler is a partner of Cambium Networks, the choice quickly fell on Cambium products.

MUGLER TELCO NETWORKS.

AWO Kreisverband Chemnitz und Umgebung e. V. Soziale Dienste Chemnitz und Umgebung gGmbH

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The challenge

Two AWO Chemnitz care homes, the Marie-Juchacz-Haus and the Willy-Brandt-Haus, were to be equipped with a high perfomance Wi-Fi network. The Wi-Fi was to be available not only in all residents' rooms, but also in other areas such as the foyer and the dining room. Residents were also expected to be able to access the Wi-Fi in the garden of the residence. Additionally, the network was also to enable the staff to use the Wi-Fi for their work in order to further improve care and support for the residents. AWO Chemnitz therefore was looking for indoor and outdoor solutions that would provide AWO Chemnitz with reliable and comprehensive high-bandwidth Wi-Fi connections on the entire compound.

The solution:

Together with Cambium partner Mugler SE, 35 indoor Wi-Fi 6 access points (model XV2-2), 5 outdoor Wi-Fi 6 access points (XV2-2T0) and nine switches (cnMatrix EX2028, EX1010-P und EX2028-P) were installed at AWO Chemnitz.

> **Nowadays, as a modern retirement home,** it is simply mandatory to offer residents a reliable digital service as well. We are very happy with the solution from Cambium Networks. We can now finally offer free Wi-Fi as part of our service portfolio. Our residents are already making active use of our new network for a wide range of different applications. We are now also very well positioned for the future with our new Wi-Fi network in our senior citizen living home.
>
> *– Jörg Hascheck, Economic Manager Homes at AWO Chemnitz*

The results

The feedback on the new Wi-Fi network in the AWO Chemnitz senior citizen living residence is consistently positive – not least because the residents are completely satisfied with the new free Wi-Fi and use the network actively for a wide variety of applications. Despite a high number of simultaneously active users, the Wi-Fi can always be used reliably and without interruption in all areas. The new network is also flexibly scalable and can be expanded if required in the future. Thus, the network will also be able to meet the expected ongoing increase in the demand for digital services at AWO Chemnitz.

About Cambium

Cambium Networks enables service providers, enterprises, industrial organizations, and governments to deliver exceptional digital experiences, and device connectivity, with compelling economics. Our ONE Network platform simplifies management of Cambium Networks' wired and wireless broadband and network edge technologies. Our customers can focus more resources on managing their business rather than the network. We deliver connectivity that just works.

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2000 Center Drive Suite East A401, Hoffman Estates, Illinois, 60192 USA