# Associação Renal Vida new headquarters adopts CommScope solutions and builds a secure and reliable network.



**CUSTOMER**
Associação Renal Vida

**COUNTRY**
Brazil

**INDUSTRY**
Healthcare

**INTEGRATOR**
Redetec

**700 NETWORK TERMINATION POINTS**
to data, voice, IP cameras, Wi-Fi and connection of hemodialysis machines

**HIGH COMPLEXITY CENTER**
one of the biggest in Latin America in healthcare

**25 YEARS**
Extended warranty

## Challenge: Meeting the safety, performance and durability requirements demanded by the healthcare industry.

Non-profit association whose mission is to promote the health and improve people's lives, Associação Renal Vida, from Santa Catarina state in Brazil, has units in the cities of Blumenau, Brusque, Itajaí, Timbó and Rio do Sul. In 2022 they opened their new structure in Blumenau, the High Complexity Renal Center, one of the largest and best ones in Latin America.

An initiative of such importance must have a solid telecommunications infrastructure. Thus, after researching the available market options, Associação Renal Vida adopted the cabling and Wi-Fi® connectivity infrastructure from CommScope.

To meet security, performance and durability requirements, the institution adopted CAT 6A NETCONNECT® cabling and Wi-Fi equipment from RUCKUS (which is part of the CommScope portfolio).

"By using CommScope solutions, we're able to offer our users, kidney treatment patients and their families, the assurance of healthcare equipment's operation as well as the access to a stable Wi-Fi network to seamlessly use the internet signal."

**Alexandre de Borba,**
**Associação Renal Vida**
**IT coordinator**

## The journey

"Our objective was to have a superior quality telecommunications network, with an extended warranty of 25 years, "explains Alexandre de Borba, IT coordinator at Associação Renal Vida. "With the adopted solution, it is possible to offer our users, kidney treatment patients and their families, the assurance that the healthcare equipment has the proper infrastructure to operate appropriately, as well as the access to a stable Wi-Fi network to connect to the internet signal," declares Borba. The satisfaction of the Associação Renal Vida from the adopted solution is so great that the institution already has plans to replicate the infrastructure to other units.

The deployment was made by Redetec, a systems integrator located in the city of Blumenau, which specializes in installation and maintenance of computer networks and IT in general, structured cabling, fiber fusion, CCTV and data center. This partner had the

> "Since it is a critical environment, the network is fundamental. The demand for bandwidth, reliability, security, availability, and scalability are the main items for the customer's decision. Our involvement in this project has started since the infrastructure definition and from this moment on the advantages of a Category 6A cabling infrastructure were evident for Renal Vida."
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> **Ismar Mohr Júnior, Redetec director**

technical and commercial support from GP Cabling, a Brazilian distributor.

## CommScope solutions

The system integrator used CAT 6A copper cabling and OM4 singlemode fiber backbone infrastructure in the project. In addition, 700 network termination points were installed for data, IP phones, IP cameras, Wi-Fi access points and hemodialysis machines - everything connected to the network - using CommScope, NETCONNECT and RUCKUS solutions. "Our involvement was from the infrastructure concept, and the advantages of a Category 6A cabling infrastructure were evident for Renal Vida," explains Ismar Mohr Júnior, Redetec director.

"In healthcare environments such as in Renal Vida, not only the dialysis equipment but also the Wi-Fi network for doctors, patients and the administrative areas demand instant availability and high stability. CommScope's solutions are ready to meet these requirements," highlights Lúcio Marques, CommScope's new business opportunities manager for Latin America and



the Caribbean.

## Products

• NETCONNECT® Category 6A copper cabling

• CommScope® OM4 singlemode fiber backbone

• RUCKUS® access points R320 and R510 for Wi-Fi networks

## ABOUT COMMSCOPE

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