



Cambium Networks™

CASE STUDY

Next-Gen Connectivity and IPTV Power DelParco Hotel's Digital Transformation

delParco Hotel is a boutique hotel just outside Udine, featuring 30 rooms and suites with modern, refined design. It includes a restaurant, gym, and conference center.

The facility, newly built in 2017, was well designed in terms of structured cabling, with two network points in each room. However, the infrastructure was based on a mix of products (firewalls, switches, and access points) and technologies from various manufacturers. Each room contains a set-top box for IPTV management and for extending the Wi-Fi signal within the room. Connectivity is provided through a 100 Mbps symmetric line.





The Challenge

When a general power failure caused issues with the management server, a full infrastructure upgrade was recommended to deliver in-room Wi-Fi 6 and ensure reliable operation of the CCTV and IPTV systems.

Due to room insulation, Wi-Fi signals could not extend beyond the rooms, and the existing 2.4 GHz signal—managed via the set-top box—was insufficient and unsuitable for the task.

To address the challenges holistically, the hotel turned to Giemme Solutions, an MSP and system integrator based in Noale (VE) with a decade of experience in networking and system integration for the hospitality sector.

The Solution

A full-stack Cambium Networks infrastructure was implemented, from firewall to access points, all centrally managed via the cnMaestro™ platform.

The selected equipment included the NSE 3000, one EX2028-P, six EX1028-P switches, 30 XV2-22H APs, and 14 XV2-21X APs. Choosing all PoE-enabled ports simplified AP installation in rooms and ensured readiness for future expansions, including video surveillance.

The NSE was first configured with VLANs and connectivity data. The EX2028-P switch was then set up with IGMP snooping querier functions, along with trunk ports and dedicated ports for back office systems (home automation, PCs, printers, etc.), the gym, and the conference room.

The Results

The infrastructure now supports hotel staff, guests (ranging from 30 upward depending on occupancy and events), the IPTV system, guest Wi-Fi, and office Wi-Fi. In addition to the 100 Mbps symmetric connection, a 4G link was added to WAN2 for managed failover backup. The upgrade was recently completed with the installation of XV2-22H APs in the suites, delivering improved service to guests—nearly all of whom now use modern, Wi-Fi 6 compatible devices.

The entire network is now cloud-monitored, and the enhanced coverage capabilities were immediately evident: disconnections and slowdowns, once a daily issue, have been eliminated.



"The solution installed by Giemme Soluzioni allows us to offer uncompromised connectivity that aligns with the high standards and image of our facility."

*Paolo Meroi, delParco
Hotel Owner*

ONE Network

Cambium's ONE Network delivers high-quality online experiences with fewer IT resources.

Enterprises, MSPs, broadband providers, and government agencies can shift from siloed network management to a unified, holistic approach—freeing IT teams to focus on core business and application needs. This efficiency is powered by Cambium's automated tools to plan, deploy, monitor, and optimize, cutting configuration errors and eliminating security gaps.



About Cambium Networks

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 make connectivity that just works.