Cutting Edge Wi-Fi for Historic Chiusa di Chietri

openapkin

"Our main objective is to improve the quality of the service and customer satisfaction, particularly in the conference area, where attendees often have greater needs than your regular hotel guest."

- DOMENICO PUGLIESE, MEETING AND CONFERENCE MANAGER

WHY CHIUSA CHOSE CAMBIUM NETWORKS

- The cnPilot™ platform offers high-performance Wi-Fi that deploys rapidly and delivers reliable, flexible coverage.

- Cambium solutions offer central control with cnMaestro™ end-to-end network manager, for user-friendly, low-maintenance network operation.

Overview

THE GRAND HOTEL LA CHIUSA DI CHIETRI IN ALBEROBELLO (PUGLIA) is located in a 25-acre Mediterranean Park. The luxurious property's 150 rooms – including twelve 17th century stone Trulli cottages – wellness center, convention center, and renowned Mediterranean restaurant earn Chiusa di Chietri four star "superior" status in Italian hospitality.
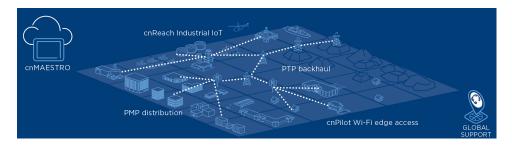
The connectivity needs of a modern luxury hotel outpaced the property's existing Wi-Fi network, so Chiusa di Chietri turned to system integrator Openapkin of Locorotondo to analyze the situation and undertake the necessary upgrade.

Challenge

AFTER SOME INITIAL TESTS, THE VARIOUS PROBLEMS FOUND TO BE LIMITING the efficacy of the Wi-Fi network were discovered, including:

- Insufficient wireless coverage due to too few access points and poor access point placement

- Network management problems because the previous equipment was stand-alone and from various brands, which made it impossible to properly understand the equipment load, check the radio channels, and use diagnostic instruments to provide support for guests who cannot use the service.

- Reduced flexibility of the network given the lack of centralized control and centralized configuration.

cnMAESTRO

cnReach Industrial IoT

PTP backhaul

PMP distribution

cnPilot Wi-Fi edge access

GLOBAL
SUPPORT

Additionally, the hotel's focus on conferences reinforced the need for reliable equipment to ensure optimal performance in high density environments with the option of quickly creating Wireless LANs to reserve guaranteed bandwidth for particular events. Another goal was to make use of existing cables to try to reduce the number of improper log-ons and enable event access to be established quickly for important conferences.

Solution

OPENAPKIN SELECTED CAMBIUM NETWORKS CNPILOT™ ENTERPRISE Indoor and Outdoor Wi-Fi distribution products to connect the main building, some of the meeting areas, all of the Trulli, and pool area, significantly improving the uniformity of coverage of the property's public areas – one of the highest priorities of the upgrade.

The installation occurred in three distinct phases: an initial lab-based pre-configuration phase, a second physical installation (which was outsourced), and a third phase made up of channel and power tuning operations to optimize network stability and performance.