



CASE STUDY: ESTELAR HOTELS

UniFi Provides Wireless Coverage to Upscale Hotels in Peru

Ubiquiti Networks™ UniFi® is a reliable, high-performance solution that provides Wi-Fi to hotel guests.

UniFi Controller software makes it easy to manage a scalable network on a single server for two hotels.

All UniFi guest accounts are centrally managed, so guests enjoy seamless roaming across two hotels.

Estelar Hotels is a rapidly growing, luxury hotel chain headquartered in Columbia with locations throughout South America. Estelar Hotels strives to satisfy their guests with excellent customer service and amenities. One critical amenity is wireless Internet access.

KEY WIRELESS REQUIREMENTS

In the city of Lima, Peru, Estelar Hotels has two locations, Hotel Estelar Miraflores and Apartamentos Estelar Bellavista. They experienced several ongoing issues with their old wireless network: signal loss or disconnection, strained network capacity, inefficient network management, and the mismatch between the industrial design of the wireless access points and the design of the hotel. Estelar Hotels realized it was time to implement a new wireless network and created these requirements:

- Coverage – All hotel areas must have wireless coverage.
- Roaming – Roaming had to be seamless, so guests do not experience any disruption to their wireless connections.
- Capacity – There had to be sufficient capacity to support any spikes in network traffic.
- Management software – Network management had to be user-friendly and efficient, so hotel personnel can easily view graphical reports of wireless usage and quickly manage the wireless network.
- Industrial design – The aesthetics of the wireless access points had to blend in with the hotel architecture.

UNIFI SOLUTION

Estelar Hotels worked with Teldat Peru, a telecommunications solution provider and systems integrator to implement Ubiquiti Networks UniFi. 87 Ubiquiti UniFi Access Points (APs) provide wireless coverage to the 20 floors of Hotel Estelar Miraflores and the 11 floors of Apartamentos Estelar Bellavista. Four PicoStation®M2HP devices cover the pool and open terraces.

“In Ubiquiti’s UniFi, we found the technological solution to all our problems with wireless connectivity. This change is evident in the satisfaction of our guests with the service.”

Ernesto Castillo, Head of Corporate Communications, Estelar Hotels



UniFi Access Point installed in hallway for guest rooms



WI-FI COVERAGE OF ESTELAR HOTELS IN LIMA, PERU



UniFi Access Point installed in hotel lounge



UniFi Access Point installed next to meeting rooms

UNIFI DEPLOYMENT

Hardware installation of the UniFi APs was quick and efficient, so there was minimal disruption to hotel guests. 54 of the UAP model provide standard coverage, while 33 of the UAP-LR model provide long-range coverage to improve the signal in areas where the rooms are behind steel and thick concrete.

Configuration using the UniFi Controller software was similarly efficient. The UniFi Controller is bundled with the UniFi hardware, so there is no separate cost or annual fee.

Hotel Estelar Miraflores and Apartamentos Estelar Bellavista share a UniFi network over a short (< 1 km) Point-to-Point link using Ubiquiti NanoBridge® devices. The UniFi Controller is housed on a server located at Hotel Estelar Miraflores.

UNIFI CONTROLLER

The UniFi Controller provides an intuitive graphical user interface, so hotel personnel can readily use powerful central management features, such as guest accounts. Because the UniFi network spans both hotels, guests can seamlessly roam through Hotel Estelar Miraflores and Apartamentos Estelar Bellavista while maintaining their wireless connections.

POTENTIAL GROWTH

The UniFi network is also scalable, so Estelar Hotels can easily add UniFi APs if they need to expand Wi-Fi coverage or capacity.

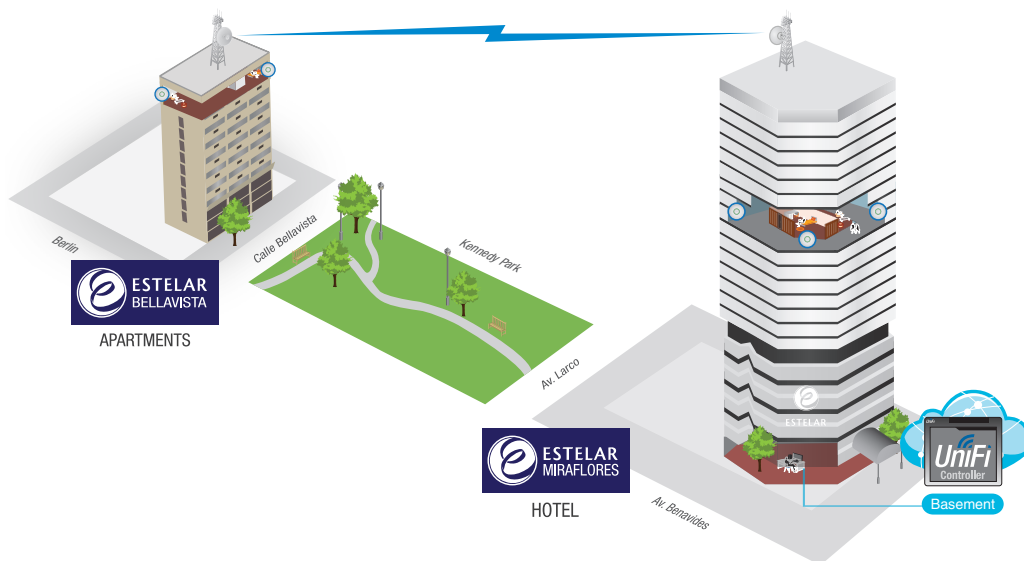
Visit Estelar Hotels at www.hotelesestelar.com

Visit Teldat at www.teldatperu.com

For more deployment case studies, visit: www.ubnt.com/customers

“Ubiquiti allows us to provide our customers with reliable service at a competitive price.”

Paul Haeberle, General Manager, Teldat



UBIQUITI NETWORKS, INC. • 2580 ORCHARD PARKWAY, SAN JOSE, CA 95131 USA • WWW.UBNT.COM

© 2013-2014 Ubiquiti Networks, Inc. All rights reserved. Ubiquiti, Ubiquiti Networks, the Ubiquiti U logo, the Ubiquiti beam logo, NanoBridge, PicoStation, and UniFi are trademarks or registered trademarks of Ubiquiti Networks, Inc. in the United States and in other countries. All other trademarks are the property of their respective owners. Photos courtesy of Estelar Hotels and Teldat.