# Ubiquiti Products Provide Wi-Fi at Convention Center

Ubiquiti Networks™ UniFi® products deliver reliable wireless Internet access to meeting areas.

UniFi products are easy to install, and the included UniFi Controller software allows for quick configuration.

The UniFi Controller software features an intuitive interface, so IT personnel can conveniently monitor network performance.

Universities, companies, and various institutions hold conventions, seminars, cultural events, and other types of meetings at the Palacio de Exposiciones y Congresos (Congress and Exhibition Center) in Granada, Spain.

The Palacio de Congresos provides Internet access to all users using Ethernet and Wi-Fi. It uses two independent Wi-Fi networks, one of them running Ubiquiti UniFi. Due to its success with UniFi, the Palacio de Congresos plans to expand its use of UniFi products in the future.

## NETWORK REQUIREMENTS

Although satisfied with the performance of its initial Wi-Fi network, the Palacio de Congresos wanted to reduce costs yet maintain reliable wireless coverage, so it sought Wi-Fi products with excellent price-to-performance value. Its IT personnel worked closely with Landatel, a value-added distributor of telecommunications equipment, on product selection and network design. The Palacio de Congresos selected Ubiquiti UniFi for their new Wi-Fi network implementation.
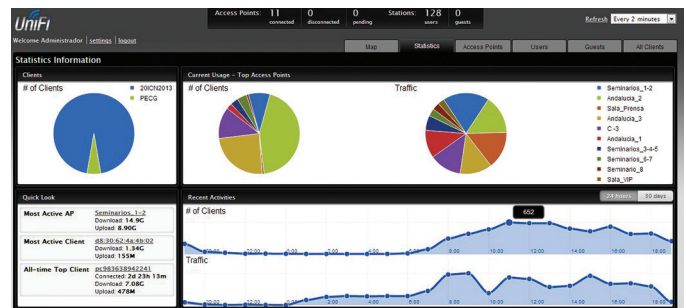
## UNIFI SOLUTION

The Palacio de Congresos installed UniFi Access Points (APs) in several medium- and small-sized meeting rooms. The UniFi APs support roaming and load balancing between APs, and are powered by Ubiquiti TOUGHSwitch™ devices.

The installation contains the following Ubiquiti products:
- (11) UniFi AP PRO for simultaneous dual-band coverage
- (2) TOUGHSwitch PRO for Power over Ethernet (PoE) and switching

The UniFi Controller software was installed on a local server to configure the UniFi APs at the Palacio de Congresos. Now that the UniFi network is up and running, the UniFi Controller is used for monitoring and network management.



*Statistics tab of the UniFi Controller software*

*"UniFi has exceeded all of our expectations. Some APs have worked with more than 130 users. Incredible!"*

*Carlos Jiménez Lou, IT Department Manager and New Technologies*



*UniFi AP PRO mounted on the ceiling by the projector*

## WI-FI COVERAGE


*Meeting in progress*


*UniFi AP PRO installed in VIP room*

### UNIFI NETWORK

The UniFi AP PRO devices successfully deliver Wi-Fi in the 2.4 and 5 GHz radio bands, covering the VIP rooms, Andalucía 1-3, all seminar rooms, and the press room.

*"In the future we want to install new Ubiquiti UniFi devices, both indoors and outdoors, with AC protocols."*

Carlos Jiménez Lou, IT Department Manager and New Technologies

### FUTURE PLANS

With input from Landatel, the Palacio de Congresos plans to significantly expand the UniFi network: UAP AC for enhanced performance indoors and UAP AC Outdoor or UAP Outdoor+ to cover the amphitheater and terrace. It also plans to install airFiber® for its backhaul link.

*Visit Palacio de Congresos at www.pcgr.org*

*Visit Landatel at www.landatel.com*

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



*1st Floor*

**Hall Extension**
800 m²

**Exhibition Area**
1500 m²

**Manuel de Falla**
Auditorium

Andalucía 3

Andalucía 2

Andalucía 1

Seminario 1-2

Seminario 3-4-5

Seminario 8

Seminario 6-7