

4-star hotel with state-of-the-art wireless LAN

The Ashling Hotel in Dublin operates a modern wireless network for its guests and employees



The 4-star Ashling Hotel is located at the heart of the historic centre in Dublin. With 225 bedrooms, a restaurant, bar and conference rooms, the hotel offers a high level of service to leisure and business travellers. A modern WLAN hotspot provides greater convenience and mobility. "Our WLAN satisfies all of the wishes of our guests in terms of coverage and performance," says Alan Moody, General Manager of the Ashling Hotel.

Various requirements had to be met to achieve this: "The old access points (APs) were replaced with new, state-of-the-art equipment in elegant white housing from the WLAN specialists LANCOM Systems, and we added more APs as well," says Jimmy Byrne, Technical Solution Manager at Wood Communications. "We also implemented a more powerful Internet connection." Dual-band access points were deployed in the conference rooms, which can transmit in the 2.4-GHz and in the more powerful 5-GHz frequency bands at the same time. Conference attendees with client devices capable of 5 GHz are "guided" to the correct frequency band, which is the result of an integrated technology called Band Steering. "This makes us ready for the future and, at the same time, it reduces the load on

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Alan Moody, General Manager, Ashling Hotel Dublin

the 2.4-GHz frequency band,” says Byrne.

The subject of security is very close to the hotel managers’ hearts. “We wanted a strict separation of the employee and guest WLANs,” says Sean Mc Alinden, Director of Netplex Limited. The system integrator set up logically separate subnets to implement this, one for the hotel staff and one for the guests. Virtual local area networks, or VLANs, strictly separate the communications on the subnets, even though they use the same physical network components.

Additional security comes with the firewall integrated into the WLAN controller, which at the same time provides centralized management of the WLAN.

“The result is a secure, high-performance and easy-to-manage WLAN”, says Moody. “Our guests appreciate this too. The feedback on the free service is consistently positive.”

Customer

Ashling Hotel Dublin

Location: Dublin, Ireland

Contact: info@ashlinghotel.ie

Website: www.ashlinghotel.ie

Products and services:

4 Star Hotel located in the heart of historic Dublin City with 225 bedrooms, restaurant, bar and meeting room facilities.



Requirements

- Extend the range and performance of the existing WLAN
- Integrate the 5-GHz radio band for hotel guests
- Simultaneous use of the WLAN by staff and guests

Components used

- 72 x LANCOM L-320agn access point
- 3 x LANCOM L-460agn dual-radio access points
- 1 x LANCOM WLC 4100 WLAN controller
- 1 x LANCOM Public Spot option

System integrator

Netplex Limited in partnership with Wood Communications

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