

LANCOM Reference Projects

Wireless LAN in Hotels



Customer

SALLES HOTELS has become firmly established in the Spanish hotel industry in recent years. The group has built its hotels all along the Mediterranean coast, from the Costa Brava to Barcelona, on the Balearic islands and the Costa del Sol. The SALLES HOTELS group does not position itself as a tourist hotel chain. Instead it focuses on an exclusive atmosphere, luxury, charm, a family-friendly orientation, and special offers as business hotels (conferences and congresses). All of the hotels have at least 4 stars. The group is soon to open a new hotel, the 5-star GL Golf & Spa Resort in Torrenueva.

Idea / Requirements

- **Wireless Internet access** for hotel guests from Europe, America and Asia
- **Use of the same network** for hotel administration
- Support of **Voice over IP**
- Support of the 2.4-GHz band and also the **5-GHz band** for Asian guests with 802.11a equipment

Solution

- Wide-coverage **wireless LAN based on IEEE 802.11b/g and 802.11a/b/g/h/i**
- **Configuration of virtual LANs (VLANs)** for the secure separation of public (guests) and internal (administration) data traffic
- **Parallel operation in the 2.4- and 5-GHz bands** with dual-radio access points compliant with 802.11a/b/g/h/i

Advantages

- **Full wireless LAN coverage** in the hotels
- **Easy login** for guests with all different systems
- **Future-ready** thanks to free updates & upgrades
- **Secure separation** of internal and external data traffic, including access control



Infrastructure

67 x LANCOM access points

