



HOSPITALITY

## Summer, sun, wireless LAN

Powerful Wi-Fi makes for satisfied vacationists at the Hapimag Bodrum Sea Garden

Since 2014, Hapimag has been continuously renewing the wireless networks at their holiday resorts and is switching over to components from the German network manufacturer LANCOM Systems. Kraftcom, based in Oberostendorf in Germany, is a solution provider specializing in the hospitality market who were contracted to design and implement the new Wi-Fi.

The Bodrum Sea Garden holiday resort, the adjoining village, and the hotel cover 192,000 m<sup>2</sup>, making it the largest resort run by Hapimag. "Our aim was to provide our members and guests with seamless and reliable Wi-Fi coverage," says Martin Mächler, head of IT Services & Infrastructure at Hapimag AG. Nearly 500 access points were installed to ensure the best possible coverage of the holiday homes, hotel, restaurants, the pool areas, and the beach. The outdoor access points have a rugged IP66 enclosure. They are completely dust-proof, resistant to water jets, and they can withstand extreme cold and heat. The areas most heavily frequented by the guests, such as the pool landscape,

are equipped with high-performance 802.11ac Wi-Fi access points.

In the high season, up to 5,000 devices are active on the wireless network each day. "We wanted to avoid a performance hit at the hotspots, which is why we have employed the highest-performance devices that simultaneously use the 2.4 – and 5-GHz frequency ranges," says Mächler. Two clustered WLAN controllers ensure that the availability of the wireless network is maximized. The controllers are a central instance that is used to manage and configure the entire Wi-Fi.

Guests authenticate at the wireless network by means of a high-performance hotspot solution designed by Kraftcom, which is also used at all of the other resorts operated by Hapimag. It is connected to the resort's property management system (PMS).

"The Wi-Fi performance has improved significantly. The stability is guaranteed and dead zones are a thing of the past. We have found a professional and high-performance solution," says Mächler in summary.



### The customer

#### Hapimag AG

Location: Bodrum Sea Garden Village / Hotel

Contact: info@hapimag.com

Web: www.hapimag.com

#### Produkte und Leistungen:

Products and services: First-class resort with village, three beaches, five pools, twelve restaurants, games and sports.

### Requirements



- > Seamless Wi-Fi coverage for the entire resort
- > Easy access to Wi-Fi for members and guests
- > Centralized, redundant management and configuration of the wireless network

### Components deployed

- > 2 x LANCOM 7100+ VPN (Cluster)
- > 2 x LANCOM WLC-4100 (Cluster)
- > 410 x LANCOM L-322agn dual Wireless
- > 30 x LANCOM L-1302acn dual Wireless
- > 17 x LANCOM OAP-830

### System vendor



KraftCom GmbH

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