MERU NETWORKS®

HOSPITALITY

COPPERHILL MOUNTAIN LODGE Åre-Björnen | Sweden

COPPERHILL MOUNTAIN LODGE IS A FULL SERVICE RESORT WITH TWO RESTAURANTS AND BARS, SPA, AND CONFERENCE CENTER. Copperhill Mountain Lodge's Meru wireless solution is providing high speed wireless coverage throughout their facilities.

"We have not received a single complaint, or suffered a single interruption in service since the network was launched. This has built huge goodwill for the hotel." **Jörgen Wecke** | IT Architect

Challenges

:: Connectivity for up to 600 people in conference center.

:: Seamless roaming required.

:: Ski lift operation needed coverage.

Results

:: Significant savings on maintenance and by virtually eliminating site surveys.

:: High reliability and performance for simultaneous voice, video, and data applications.

:: Took just three days to deploy 20 centrally managed dual radio access points all operating on a single radio channel.

Challenge

Copperhill Mountain Lodge is a new mountain resort hotel located on Mount Förberget in Åre, Sweden, an area formerly known for its copper mines. Perched on the tree line, high up the mountain, the resort commands magnificent views and is the first in the area to achieve a five-star rating.

The hotel has suites and rooms providing 420 beds, two restaurants and bars, a health spa, its own ski lift for access to Åre's slope system, and a conference center that seats up to 600.

Copperhill Mountain Lodge's proprietors knew it was essential to provision the resort with a high-speed wireless network, to support the hotel's business operations and to provide reliable, high-speed Internet access to guests and conference attendees. In particular, a wireless network that could support large numbers of simultaneous connections in the 600-person conference center was critical to the lodge's success.

"Wireless internet connectivity is a basic requirement for any hotel today, both for guests and for hotel staff," says Jörgen Wecke, IT architect at Copperhill Mountain Lodge. "The hotel wanted a wireless network that would provide guests with the benefit of Internet access anywhere, without the risk of losing their connection while roaming about the premises."

Additionally, the wireless LAN had to be deployed rapidly and be ready to work flawlessly on opening day, December 8, 2008. Based on its integrator's recommendation, Copperhill Mountain Lodge selected Meru's virtualized wireless network technology.

Results

Working on a tight schedule, the consultant and integrator IT Åre AB installed a Meru wireless network that provided seamless wireless coverage over the entire property. It required only 20 centrally-managed dual radio access points all operating on a single radio channel in Meru's Virtual Cell architecture. The APs are set to run at 802.11a/b/g while scanning for rogues on 802.11n, delivering up to 54MB of bandwidth, and are software-upgradeable to 300MB 802.11n standard at any time.

It took just three days to deploy the APs and controller. "Installation was simple. It went quickly and was trouble-free," said Jörgen Wecke. "Hotel guests are surprised at its speed and reliability. We have already served over 150 users in a small space with no problems. We have not received a single complaint, or suffered a single interruption in service since the network was launched. This has built huge goodwill for the hotel."

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For more information about Copperhill Mountain Lodge | visit www.copperhill.se |