

Disney World Swan and Dolphin Hotel Makes Guests Happy with Xirrus Wireless.



The award-winning Walt Disney World Swan and Dolphin Resort is situated on 87 acres of beautiful lakefront property in the heart of Central Florida. A recipient of the prestigious Meetings and Conventions Hall of Fame Award, the Swan and Dolphin is a nationally respected and recognized leader in the convention resort arena. The Swan and Dolphin takes pride in offering guests a world-class infrastructure to support all their networking needs.

Superior Wi-Fi for Superior Facilities

The Swan and Dolphin is known for providing a superior guest experience, so it is no surprise that a robust and reliable wireless network was added as part of their full renovation. After evaluating several wireless products, the Swan and Dolphin discovered that the Xirrus wireless Array could cover all 2,265 guest rooms and deliver the high quality of service their guests would require using 75% fewer devices, switch ports, and cable runs than any other offering on the market.

One of the major complaints in the hospitality industry is the lack of available and dependable wireless coverage. The Swan and Dolphin put this issue to rest by deploying Xirrus wireless Arrays, which boast an innovative architecture that integrates up to 16 high performance 802.11n radios into a single device -- in contrast to the typical two radio AP's. Each radio is paired with high-gain directional antennas to provide increased range,



The Swan and Dolphin is a nationally respected and recognized leader in the convention resort arena. The resort offers 2,265 guest rooms and over 329,000 square feet of meeting space.

Infrastructure Requirements Included:

- Reliable wireless connectivity throughout the guest rooms
- Wireless network to interface with existing wired infrastructure gateway
- A network simple enough to be managed by hotel staff
- Quick installation with minimum number of devices
- Aesthetically pleasing design

Xirrus Solution Provided:

- A level of reliability and security as good or better than wired
- Arrays that integrate 4 to 16 radios, high-gain directional antennas, a multi-gigabit switch, and controller into a single access device
- 4X the coverage and up to 8X the bandwidth and capacity to service high user density at locations like conference centers

Benefits:

- 75% fewer Wi-Fi devices, cable pulls, and switch ports
- Quick installation
- Cost-effective and reliable high-performance wireless
- Easy to use management interface

while the increased number of radios allows for hundreds, if not thousands, more simultaneous wireless connections. The Array's built-in controller pushes intelligence to the edge of the network and provides simple manageability through Xirrus' management software, XMS.

Like most modern hotels, the Swan and Dolphin realized the importance of a robust and reliable wireless network. With the large number of businessmen and women that regularly stay at the Swan and Dolphin, the resort's wireless network needed to provide more than just access – it needed to be a value-added feature, not a source of user discontent. A complete wireless implementation seemed daunting at first, but with Xirrus wireless Arrays the deployment was quick, easy, efficient and provided guests with a solution that allows guests to perform the high bandwidth tasks often required in the business world.

The Xirrus Advantage

With the explosion of smartphones and tablets, mobility has become ubiquitous. People expect to connect wirelessly. Organizations depend on high-bandwidth to send and receive voice, video and data, from any device to any one. And no one delivers better than Xirrus. Our array-based solutions are unique. They draw from cellular tower design principles to provide wired-like reliability, increased user density and capacity plus superior security. They perform under the most demanding conditions and have lower infrastructure requirements. When integrated with business and IT objectives, they help you do more than ever before.

At Xirrus, we apply the "best practices" of wired networking to wireless infrastructures by distributing the intelligence to the edge and outfitting the Array with dense multi-state radios in the same manner as a wired switch. That's how Xirrus delivers the best performing, most scalable wireless solutions in the industry. It's a strategic IT infrastructure advantage that fuels organizations. Because Xirrus does wireless networks right.



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