



CASE STUDY: RESORTS WORLD LAS VEGAS

Brand New Las Vegas Resort Builds Largest A/V Network on the Strip

Extreme Solution Components

- ExtremeCloud™ IQ
- Extreme Fabric Connect™
- ExtremeSwitching™
- ExtremeXOS®



“Resorts World Las Vegas has highly specific, unique requirements for managing audio and video devices. Extreme Networks is the only company we have found that can consistently handle and support our audio and visual network infrastructure needs.”

Richard Reisig,
VP at Technology West Group

Resorts World Las Vegas is the newest integrated resort on the Las Vegas Strip, leveraging modern technology to seamlessly deliver a luxury experience in a contemporary resort setting. The property sits on 88 acres on the north end of the Las Vegas Strip, featuring three Hilton hotel brands, an innovative, next-generation gaming floor, world-class food and beverage options, a theatre, distinct nightlife venues, a curated retail collection of designer and boutique shops and more. The integrated resort weaves time-honored traditions of the international Resorts World brand into the fabric of Las Vegas, introducing a bold, fresh take on hospitality to the city with stunning design, progressive technology and top-notch guest service.

Technology Needs

Resorts World Las Vegas's facilities include 3,506 guest rooms, a 117,000 ft² casino floor and sports book, a 5,000-capacity theatre, over 200,000 ft² of LED video displays including the 100,000 ft² West Tower LED Screen and 50-foot diameter LED globe, 250,000 ft² of meeting space with a 90-foot dynamic LED wall and digital pillars, and much more. Resorts World Las Vegas needed a network that would enable a state-of-the-art audio/visual experience. Working in partnership with Technology West Group, Resorts World Las Vegas chose Extreme Networks to support more than 900 video endpoints using 1,000 video streams, and 700 audio endpoints. It is the largest A/V network on the Las Vegas Strip and runs on more than 200 Extreme switches.

Results

✓ Increased IT Efficiency

- Fabric Connect enabled simple setup of temporary switches to support temporary events.
- Automated VLAN provisioning and teardown simplifies AV delivery for events.
- ExtremeCloud IQ enables a two-person IT team to manage the entire network and support the unique A/V requirements, integrations, and custom applications that run on the network.



Superior Network Performance

- Resorts World Las Vegas A/V application is seeing only 6 ms of end-to-end latency on the Extreme network.
- Extreme products support AVB protocol and are AVNU certified, ensuring the network can support Resorts World's complex A/V requirements.



Ease of Implementation

- With Fabric Connect, the entire network was deployed by a single engineer.
- Extreme's account team was flexible and maintained a fluid approach in order to support evolving requirements and successfully deliver in a new construction.