



CORNING

Corning® Everon™
Network Solutions



Hospitality



117,000 sq. ft. casino
40+ food and
beverage outlets
7 pools
3 hotel brands
6,000 employees



Network Needs:
Massive bandwidth
Integrated technology
Fewer telecom rooms
Enhanced guest
experience

www.corning.com/everon

Resorts World Las Vegas, LLC

FTTR Enables the Ultimate Guest Experience

Fiber-to-the-Room = *Software-Defined Network + Long-Reach Power and Data*

The Customer

Resorts World Las Vegas is the largest hotel property built on the Las Vegas strip since 2011. With over 3,500 rooms on the property, a gaming floor, and an integrated technology experience, a first-rate connectivity solution was essential to the hotel's success. Hospitality is unique in the sense that space is revenue generating.

The Challenge

Upscale property with extraordinary technology and bandwidth demands

The hotel needed to bring something to the city that hadn't been done before. It was important to bring integrated technology, a family atmosphere, and multiple cultural influences to the property while keeping up with the city's expectations. The employee and guest experience was the No. 1 priority. For a large technology-heavy hotel venue such as this hotel, a traditional network would require hundreds of telecom rooms. By using Corning® Everon™ Network Solutions, the hotel only needed 24 telecom rooms.

"From the entertainment and nightlife, to convention space, the spa and pool experience, room accommodations, and guests of all levels, we wanted to be the best in class in everything we did. And we succeeded in that."

- Scott Sibella
President & CEO
Resorts World Las Vegas, LLC

Corning® Everon™ Network Solutions



Over
3,500

guest rooms/suites

88-acre
property

2,000+
security cameras

30Gb
of wireless data
handled every 15 mins

5+
connected
devices
per room

Products
deployed:

ActiFi® Composite Cable
Corning SD-LAN
Intelligent Power
CCH
EDGE™ Solutions

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The Solution

A state-of-the-art software-defined network is distributed over a fiber-to-the-room and remote-DC power architecture. This technology was made possible by the collaboration between Resorts World and Corning.

Horizontal LAN (Fiber-to-the-Room)

ActiFi® Composite Cable with copper conductors and optical fiber (2x2) in one flexible cable spanned distances greater than traditional copper, bringing power and bandwidth to all the guests, employees, and edge of the network across the 88-acre property.

"Our mission within Corning Optical Communications is to build connections so the world can make them. We had the opportunity to collaborate with a number of partners to build a state-of-the-art infrastructure that's optically based."

- Michael O'Day
Vice President
Corning Optical Communications



10x

Longer Distances

Fiber-to-the-room allows delivery of data and power 10x the distance of traditional networks



80%

Fewer Telecom Rooms

Reduction in telecom rooms means more efficient space usage



8:1

Cabling

Reduction in home run cabling in 3,500 rooms