9/11 Memorial & Museum
New York, NY

The National September 11 Memorial Museum serves as the country’s principal institution for examining the events of 9/11. It is located underground, within and surrounded by remnants of the original World Trade Center site. The museum features multimedia displays, archives, narratives and a collection of 11,000 monumental and authentic artifacts.

PROJECT DETAILS

Much of the 9/11 Museum is located below ground, so it was recognized that providing cellular service within the museum would be impossible without deploying a wireless distribution system within the museum space. With an estimated 3 million visitors annually, providing cellular service to museum visitors and employees was a critical need. The solution had to support multiple frequencies and multiple wireless operators, while seamlessly accommodating future growth. Zinwave’s UNItivity solution was selected because, as the only truly wideband solution on the market today (supporting any frequency from 150MHz – 2700MHz), it could easily support the services of all major wireless operators on a single hardware layer.

System implementation was quick and easy. Small, unobtrusive Remote Units were placed throughout the museum to achieve comprehensive cellular coverage of the space, and linked back to centrally-located Hubs using flexible fiber cabling.

The system immediately delivered cellular service for the four major operators: AT&T, Verizon, Sprint and T-Mobile. Initially supporting 4 commonly-used cellular frequencies—700MHz, 850MHz, 1900MHz and 2100MHz—the solution was designed such that adding additional frequencies will not require any costly infrastructure upgrades.

VENUE

- 110,000 square feet
- 3 million visitors annually

SYSTEM

- 1 primary hubs
- 7 secondary hubs
- 53 remote units

SERVICES

- All LTE: 700MHz, 850MHz, 1900 MHz, 2100 MHz
- AT&T, Verizon, Sprint & T-Mobile

THE ZINWAVE 3F ADVANTAGE

Zinwave’s indoor wireless solution delivers three game-changing benefits.

FIBER BASED
Zinwave’s simple, elegant solution leverages a building’s existing fiber infrastructure and limits disruption to day-to-day activities during installation.

FULL SPECTRUM
From routine business communication to life saving emergency response, Zinwave is the only solution that supports all cellular and public safety frequencies on one hardware layer.

FUTURE READY
As smart buildings and BYOD become the new normal, Zinwave prepares your building for the future without the need for additional infrastructure investment.