



Antennas and custom skins improve Wi-Fi network at a major zoo

Client: Large Zoo Complex

Vertical Market: Entertainment Solutions

Products

ATS-OHDP-245-13-4NJ-IC
2.4/5 GHZ 13 dBi 4 element
high density patch antenna
with N-Style



ATS-OP-245-6-4NP-36
2.4/5 GHZ 6 DBI 4 element
indoor/outdoor patch antenna
with N-Style



Mist AP61
Mist AP61E
Mist AP41

Overview

A large zoo complex with over 100 acres located in California is one of the most visited parks in the United States with over 4 million visitors a year. The zoo was looking to enhance coverage across their park in areas that tend to experience little to no signal without disturbing the look and feel of each area. In partnership with Mist, AccelTex Solutions was able to implement a quick and efficient way to resolve this problem.

Challenges

Aesthetics were a priority. The park wanted customized skins to help blend network equipment into the zoo's multiple environments without affecting the overall scenery of the park

Connectivity in hard-to-reach areas needed to be improved within a short time frame.

Key Results

AccelTex Solutions was able to quickly meet the specific needs of the zoo. Starting from the original planning meeting to when items were deployed, the overall project timeline took only three months.

Coverage across the entire complex was immediately improved including in the challenging areas where connectivity was previously difficult.

In partnership with Mist, AccelTex Solutions was able to help identify the most compatible external antennas to connect each necessary area to the network. Once the right antennas were defined, we added our custom skins to the antennas and access points to help them blend into various environments such as trees, foliage and the sides of outpost buildings. The zoo complex aesthetics were maintained while improving the overall Wi-Fi network range - all within a shortened time frame.

