



Overview

Over the years, thousands of travelers seeking an overnight spot to rest, RV vacationers, retirees and members of the mobile workforce (construction workers, pipe fitters, electricians etc.) and others passing through western Missouri on I-70 stop to enjoy the relaxed RV lifestyle Trailside RV Park and Campground offers. And, it's the little touches, creature comforts and clean facilities that drive Trailside's business with repeat guests.

RV enthusiasts are serious about their need for creature comforts and wireless connectivity has moved to the top of that list with society's heavy reliance on all things digital. And, while Trailside has provided Wi-Fi connectivity for many years, outages, poor coverage and resulting guest complaints had reached a critical level by Summer of 2021 causing the park's manager – Austin Ritter – to look for new technology.

Trailside RV Park's history dates back to the 1960s when it was established as a family owned and operated campground. But, as the popularity of RV's grew, the property was converted into an RV park in the 1970s. The name "Trailside" refers to what used to be a stretch of agricultural land adjacent to the property in Grain Valley, Missouri stretching nearly 10 miles to the edge of Kansas City. Over the last two decades Grain Valley has boomed into a suburban juggernaut of roughly 15,000 residents turning a once peaceful area of farmland in the "middle of nowhere" into a thriving bedroom community.

Customer Name:

Trailside RV Park

Deployment Location:

Grain Valley, Missouri, US

Application:

Broadband wireless connectivity

Products used:

AX500-T

C1n

C2s

Result:

Altai Super WiFi now delivers exceptional indoor/outdoor coverage and throughput across the entire property with the use of just 3 Super WiFi access points

The Challenge

The existing Wi-Fi equipment was only providing coverage 30-40 feet away from the park office and RV parking spots beyond this point were not receiving any signal at all. The property is 600 feet long by 250 feet deep with limited options for mounting access points and terrain that slopes away from the centrally located park office where the primary network connection terminates. Austin needed solid coverage all the way to each end of the property while supporting enough capacity for guests to stream movies and TV, conduct video calls and other data capacity intensive tasks.



About Altai

Altai Technologies is a leading supplier of carrier-grade Wi-Fi products and technologies with a distribution network reaching 100 countries. Altai Super WiFi is the leading solution for vertical industrial markets, covering over 200 container ports, manufacturing plants and warehouses globally.

The Altai Super WiFi Solution includes a complete portfolio of indoor and outdoor products for carriers, WISPs, and enterprises to support a wide range of applications such as mobile data off load, public access, WLAN access, and backhaul.

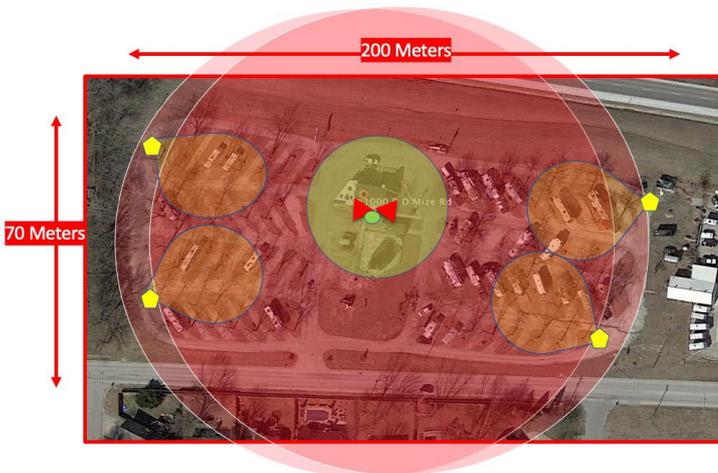
Utilizing patented smart antenna technology, as well as a cloud-based management system called AltaiCare, the Altai Super WiFi Solution is designed from the ground up to deliver Wi-Fi networks that have unprecedented performance, reliability, scalability, and manageability.

Contact Us

Headquarters
Unit 209, 2/F, Lakeside 2, 10 Science Park
West Avenue, HK Science Park, Shatin,
Hong Kong

Phone: +852 3758 6000
Fax: +852 2607 4021
Email: info@altaitechnologies.com

www.altaittechnoloaies.com



Qty 2


AX500-T
Omni Smart Antennas
Dual-Band
2x2 802.11ac
MU-MIMO

Qty 4


C1n
Pico Cell
Repeater

Qty 1


C2s
Dual-Band
2x2 802.11ac

The Result

Altai Super WiFi now delivers exceptional indoor / outdoor coverage and throughput across the entire property with the use of just 3 Super WiFi access points – all mounted at the centrally located park office. To enhance coverage at the far east and west ends of the grounds, small repeaters were used to re-populate the signal generated by the primary APs.