

## Spotty Cellular Coverage Forced This Remote Golfer's Paradise to Explore Alternative Wireless Connectivity Options

Coyote Springs is defined by a continuous valley of green surrounded by Nevada's desert mountain vistas and serves as a threshold to the great outdoors with parks, hiking trails, bicycle paths, sports fields and a world-class golf course. And, while the area delivers a feast for the eyes, the rolling terrain and rocky outcrops create significant challenges for delivery of robust and reliable wireless coverage.

In fact, when response to a medical emergency on the golf course was delayed due to poor cellular signal coverage, Coyote Springs management immediately undertook plans to identify and deploy a solution they could depend on across the entire course.



Super Wifi access points provide industrial-grade, reliable connectivity while standing up to the extreme temperature variations in Nevada



In addition to providing wireless connectivity for patrons and staff, Coyote Springs' mobile point of sale systems benefitted from Super Wifi's coverage in, even, the most challenging line-of-site areas on the course.



Altai C2s Dual Band 2.4 & 5Ghz AP

### Super Dual-band Coverage

Max. LOS Access	600 m (2.4 GHz) 700 m (5 GHz)
Max. LOS CPE	3 km to A8-Ein (ac) (2.4 GHz) 2 km to A3-Ei (5 GHz)
Max. LOS Bridge	10 km (5 GHz)
Max. Data Rate	300 + 867 Mbps

### Physical Specification

- Dimension 280 x 80 x 27 mm
- Weight 0.4 kg
- Mounting Pole, Wall or Window-mounted
- Network Interface 2 x 10/100/1000 Mbps Ethernet Ports

### Altai C2s Dual-band 2x2 802.11ac WiFi AP/Bridge

The Altai C2s Dual-band 2x2 WiFi AP/Bridge is specifically designed to offer carrier grade Wi-Fi performance at the market's most affordable price point.

Krysp Wireless' Utah-based system integrator partner – The Local Guy – deployed the Super Wifi network for Coyote Springs Golf Club using the Altai Technologies' C2s dual-band pico cell units. The C2s is small, but mighty, measuring just 280 x 80mm and weighing in at just 0.4 kg with line-of-site coverage range of 600+ meters. The C2s is extremely versatile as well since it can be configured as a PTP bridge, or as a repeater in addition to serving as an Access Point. The C2s' long range makes it ideal for golf courses and other large outdoor use cases since it can blanket desired coverage areas with far fewer APs compared with standard Wifi APs resulting in comparatively fast deployments, simplified network management and reduced overall project cost.

Super WiFi APs are particularly effective for expansive outdoor use cases due their long range and ability to overcome challenging Line-of-Site

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Super Wifi's extended range translated into 65% fewer access points, greatly reduced installation time and a lower overall project cost compared with other solutions considered by Coyote Springs Golf Club. Super Wifi can also serve as a simplistic and more cost effective alternative to private cellular networks.

## About Krystp Wireless

Krystp Wireless is Altai Technologies' Distributor for the US and Canada with offices in Kansas City and Toronto focused on building scaled distribution for Altai's product line through a network of highly qualified integrator partners.

## About Altai Technologies' Super WiFi Product Line

Super WiFi has been deployed extensively around the world beginning in 2007 to address the most challenging wireless access use cases where traditional WiFi vendors' products fail to deliver the desired coverage, or prove too costly due to the high number of required access points.

Primary examples where Super WiFi regularly differentiates itself from other WiFi products include expansive outdoor applications, challenging line of sight environments, and RF interference laden locales such as manufacturing facilities other heavy industrial settings.

Altai's extensive product line supports connectivity for any WiFi enabled device and includes large macro base stations capable of delivering bi-directional coverage for up to a mile in addition to a host of other micro and pico cell access points, repeaters and wireless bridging products.

Contact Krystp Wireless to connect with one of our qualified integrator partners:

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