



## Overview

The World Golf Championships Mexico Championship 2018 is an international celebrating golf tournament endorsed by PGA Tour and European Tour. The event has started to be held in Mexico City since 2017. During this 4-day event, the best golf players, sport reporters and hundreds of golf lovers around the globe came together to appreciate the demeanor of contemporary golf stars. The organizer was looking for a Wi-Fi coverage able to support this huge group of crowds including their staff during the event period.

The organizer approached a great deal of event Wi-Fi companies with their wish list: large coverage (with a perimeter of 4 km), huge capacity for simultaneous users as well as consistency of signal strength. Among the competing companies, the WGC organizer picked Contrasys who had proposed Altai's solution which is known for large area coverage, thus requiring less APs for the whole area of Club de Golf Chapultepec (~200 acres) comparing with other competitors, and able to output stably strong signals.

With a quick and sophisticated deployment of devices, the Wi-Fi network was immediately available for all users in the venue despite they were part of the staff or guests; they could enjoy a free Wi-Fi network with remarkable quality regardless they were sending out an important message or simply web surfing during the event.

**Customer Name:**

World Golf Championships  
Syscom (Distributor)  
Contrasys (System Integrator)

**Deployment Location:**

Club de Golf Chapultepec, Mexico City  
Mexico

**Application:**

Wi-Fi network for guests and staff

**Products used:**

A3-Ei, A3w, AltaiCare

**Result:**

With Altai Super Wi-Fi, all guests and staff could enjoy Wi-Fi service anytime, anywhere during the event. Even the number of simultaneous users was up to 1,000 among the daily peak hours, there is no impact on Altai's capable APs performance.

## The Challenges

- Large area of coverage with a perimeter of 4 km / area of ~200 acres
- Foliage plants scattering around the field has become a blockage of signal
- Up to 1,000 concurrent users sharing the Wi-Fi network
- Limited sites and time for installation



## The Solution

Altai A3-Eis were installed among the golf club area to provide large area outdoor Wi-Fi coverage. Equipped with patented smart antenna technology, each A3-Ei is able to provide 1 km radius coverage in the LOS environment. Therefore, only 25 A3-Ei APs were required to provide a full coverage for the whole outdoor area of Club de Golf Chapultepec with 7,267-yard, par-72 course.

On the other hand, each Altai A3-Ei can consume a max number of 512 concurrent users, thus a few A3-Eis could be able to handle a group of 1,000 users. The reduced number of access points resulting in much lower OPEX and CAPEX.

A3w was adopted for Indoor area due to its unique design for wall mounting, which can fit in the limited space of indoor environment but has a same capacity as A3-Ei for 512 concurrent users.

## The Result

Altai's long-range Wi-Fi technologies require dramatically fewer AP's even for a large area of outdoor coverage, which enable solution providers to quickly build a wireless network without tedious installations. With the Altai Super WiFi network, the guests and staff could always get access to all types of internet services and stay connected to the world even when they were paying attention to an exciting golf game.



## 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 terminal ports and airports 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 WiFi networks that have unprecedented performance, reliability, scalability, and manageability.

## Contact Us

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