



## Overview

The island nation, Maldives, is one of the most popular countries for vacation. While currently WiFi or hotspot service is becoming more popular and prevailing at tourist attractions and crowded locations all over the world, Dhiraagu, one of the leading telecommunications companies in Maldives decided to launch a project to deploy a number of hot zones for the tourist areas and popular locations around the islands, including beaches, parks, piers and ferry routes.

To conduct such a large-scale project, having reliable network infrastructure is the most critical. That's the key reason Dhiraagu consulted Altai for the project deployment. Having many successful stories in deploying city-wide WiFi and equipped with the patented smart antenna technology, Altai Super WiFi is a sophisticated WiFi products provider. In response to Dhiraagu's appeal, Altai offered Super WiFi solution, which can support a much larger area of outdoor WiFi coverage than any of its competitors.

In the deployment, Altai has installed ~30+ devices at different locations in Maldives' islands. Which is a much smaller number than any other WiFi service provider can provide. After the deployment was completed, tourists to Maldives are allowed to enjoy high quality WiFi network to stay connected to the world while being embraced by the beautiful views of Maldives.

**Customer Name:**

Dhiraagu

**Deployment Location:**

Maldives

**Application:**

Hot zones in different locations for tourists' access to internet

**Products used:**

A3 Series, A3-Ei, A8n, A8-Ein, C1xn, AltaiCare OP

**Result:**

Altai has installed ~30+ devices at different locations in Maldives' islands. Which is a much smaller number than any other WiFi service provider can provide. After the deployment has been completed, tourists to Maldives can enjoy high quality WiFi network to stay connected to the rest of the world when being embraced by the beautiful views of Maldives.

## The Challenge

- Large area outdoor coverage; the WiFi network has to cover multiple locations in different islands of Maldives
- Limited sites for equipment installation
- Large number of simultaneous users



## The Solution

Altai was required to propose a solution for multiple locations in different islands of Maldives. For most of the outdoor attractions such as parks and beaches, Altai adopted its outdoor base station, A8n, with access point, A3-Ei. On the other hand, Altai's indoor AP A3 series has been used for indoor areas.

Altai was also required to deploy a stable network for the tourists taking ferry routes between islands. For such cases, Altai's flagship base station, A8-Ein was deployed at each ferry pier and C1xn with 8dBi Omni 2.4GHz antenna were installed on every ferry as CPE to connect to the A8-Ein.

A total of 30+ Altai APs have been installed in the whole project.

## The Result

Altai's solution allows the tourists to Maldives to enjoy stable and robust WiFi network when they are visiting any of those outdoor attractions that has been deployed with Altai's equipment. These attractions including parks, beaches and even ferry trips. Tourists can now stay connected with the world while being surrounded by Maldives' beautiful nature.

Dhiraagu is highly satisfied by the deployment result and excellent performance of Altai's equipment.

### 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.

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