



## Overview

The island nation of Maldives is one of the most popular vacation destinations in the world attracting the most discerning tourists with expectations of enjoying the ultimate holiday experience. Of course, wireless connectivity is no longer a “nice to have”, but rather, an essential amenity.

Dhiraagu, one of the leading telecommunications companies in the Maldives launched an initiative to deploy hot zones for primary tourist areas around the islands with a primary focus on beaches, parks, piers and ferry routes.

After consulting with a number of solution providers, Dhiraagu determined Altai Technologies offered the ideal solution for this large-scale project based upon Altai's industrial-grade design and demonstrated success with other city-wide Wi-Fi deployments. In addition, it was determined that Altai's smart antenna technology allowed for far fewer APs than competing offerings thereby greatly reducing overall costs for power, backhaul and mounting site location rental

Altai's final solution consisted of just 30+ APs across the Maldives' islands allowing tourists and the citizens of the Maldives to enjoy high quality Wi-Fi connectivity while being embraced by the beautiful vistas of this island paradise.

**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:**

A network of industrial-grade Wi-Fi access points to support tourists with network connectivity at the most popular tourist destinations across the island nation. Altai's solution made the project feasible given its technology's extended range, which translated into far fewer APs and greatly reduced costs for supporting infrastructure - backhaul, power and location rental.

### The Challenge

- Large area, outdoor coverage across multiple locations on different islands
- Limited sites for equipment installation
- Large number of simultaneous users



### The Solution

The final solution included installation of 30+ Altai units consisting of a mix of the large scale A8n base station and the A3-Ei AP for outdoor venues such as parks and beaches, and Altai's indoor A3 APs for indoor coverage instances.

Altai was also tasked with deploying a robust network covering ferry routes between islands. For this application Altai's flagship A8-Ein base station was deployed at each ferry pier and the C1xn AP with an 8dBi Omni 2.4GHz antenna installed on every ferry for communication back to the base stations.



### The Result

Altai's solution allows tourists across the Maldives to enjoy stable and robust Wi-Fi connectivity when visiting its most popular attractions. Dhiraagu is extremely satisfied with the solution design and network performance and plans to grow the network as demand dictates.

### About Altai

Altai Technologies is a leading supplier of carrier-grade Wi-Fi products and technologies with a distribution network reaching 100 countries. Altai's Super WiFi is the leading solution for the heavy industrial vertical with deployments in mining, aviation, manufacturing, warehousing, power generation, oil & gas and 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 supporting public wireless access, WLAN solutions, backhaul and mobile data off load.

Altai's product line is designed from the ground up to deliver industrial-grade Wi-Fi networks with unparalleled performance. Altai's patented smart antenna technology, interference mitigation and advanced throughput optimization software, along with its cloud-based management platform is what sets it apart with unparalleled range and ability to address the most challenging environments.

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