



## Overview

Since its establishment in 1981, Sitrans, a Chilean company, has been providing reliable logistics services in the country serving its long list of customers of importers, exporters and shipping companies. To maintain their quality of services while matching with today's trend of industrial automation, the logistics leader has selected Altai Super WiFi for their wireless infrastructure to provide full Wi-Fi coverage in their container yards and warehouses in San Antonio of Chile.

Sitrans San Antonio occupies a large area of land. It has more than 8,000 m<sup>2</sup> of warehouses and backup yards for containerized cargo consolidation and deconsolidation operations, as well as inspection areas and other facilities. Let alone these facilities are surrounded by metallic materials, the complicated environment doesn't allow much space for cabling and AP installation. In such a tough environment, only Altai Super WiFi can satisfy Sitrans San Antonio's coverage requirements.

In the solution for Sitrans, one unit of Altai's flagship Wi-Fi base station A8n and a small number of AP/CPEs are sufficient to cover the entire area. Now with Altai's wireless network in place, Sitrans San Antonio's operation efficiency has been highly improved to support even heavier traffic.

**Customer Name:**

Sitrans  
REDIT Chile (system integrator)

**Deployment Location:**

San Antonio, Chile

**Application:**

Full Wi-Fi coverage for container yards and warehouses

**Products used:**

A8n(ac), A2, A3-Ei, C2s

**Result:**

At a lower cost of ownership, Altai Super WiFi is able to provide a solution that can suit the complicated environment of Sitrans San Antonio and at the same time provide a robust and reliable wireless coverage for the entire storage area and related facilities. Both management and operation efficiency have been greatly uplifted with support of Altai's solution.

## The Challenge

- Large area coverage required
- Complex environment surrounded by containers and other metallic materials
- Limited sites for installation



## The Solution

The solution has adopted Altai's flagship Wi-Fi base station, A8n, to provide the network access for the site with A2, A3-Ei, and C2s as bridge or CPE to support the network coverage.

Altai's flexible solution does not only fit in the complex environment of Sitrans San Antonio, but also provides a robust and reliable wireless network coverage for the entire container storage area to enhance its management and operation efficiency.



A8n(ac)



A2



A3-Ei



C2s

## 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

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