



Overview

As the long-term distributor of Altai Super WiFi™ in Mexico, SYSCOM chose Altai among all their represented Wi-Fi brands due to its exceptional performance, reliability, and advanced features.

SYSCOM is the largest leading global distributor in telecommunications and security industries, which has 21 Distribution Centers strategically located in Mexico, as well as important allies for distribution in Central and South America.

Business Challenges

The operational efficiency of SYSCOM's warehouse was significantly affected by the unreliable performance of its wireless network. The company's business faces the following challenges:

- Extensive coverage area: The company needs the reliable Wi-Fi coverage for its warehouse in approximately 14,000 square meters.
- Challenging environment: The business operates in an environment that is filled with machinery and metal materials, which can potentially interfere with or disrupt network connectivity.
- High client volume: The company's network infrastructure needs to accommodate many clients who simultaneously access and utilize its services.

Customer Name:

SYSCOM - SISTEMAS Y SERVICIOS DE COMUNICACION, S.A. DE C.V.

Deployment Location:

Tepetzotlán, Mexico

Application:

Private Wireless Network

Products used:

A3-Ei, IX600, VX200 and AltaiCare

Benefits:

Altai Super WiFi™ Solution provides reliable, scalable, and efficient Wi-Fi connectivity for businesses facing challenges related to coverage, challenging environments, and high client volume. By addressing these challenges, it empowers SYSCOM's business to optimize their operations, improve productivity, and reduce costs.

Solution

Altai recommends deploying the following products:

- **A3-Ei** with dual-band directional antenna on the wall between warehouse racks to provide wireless coverage for the passages.
- **IX600** with dual-band Omni antenna on the ceiling/wall of the office area to provide omnidirectional coverage.
- **VX200** with external omni antenna on mobile clients which have no WiFi capability or require fast roaming/high availability during moving.
- Cloud **AltaiCare** AP centralized management.



A3-Ei



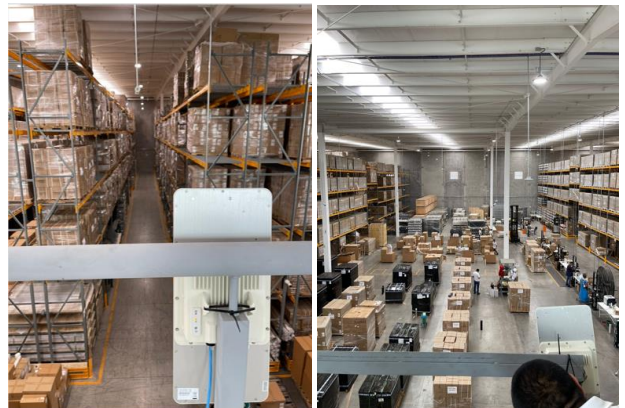
IX600



VX200

Benefits

Altai Super Wi-Fi™ Solution offers extensive coverage for large areas like SYSCOM's warehouses, overcoming challenges posed by machinery and metal materials. It ensures reliable connectivity in challenging environments through advanced antenna technology and interference mitigation. The solution handles high client volume, supporting simultaneous connections without compromising performance. This enhances productivity and operational efficiency by enabling employees to access critical information from anywhere within the warehouse.



About Altai

Altai Technologies is a global leader in providing industrial-grade Wi-Fi solutions with a strong presence in over 100 countries. With our brand, Altai Super WiFi™, we specialize in designing, developing, and marketing cutting-edge Wi-Fi products and technologies specifically tailored for industrial applications.

Altai Super WiFi™ offers fully seamless, secured, and resilient wireless solutions that empower businesses to enhance productivity and operational efficiency throughout the industrial digitalization and automation journey. For over a decade, we have earned the trust of hundreds of industrial customers worldwide. Our cutting-edge wireless technologies are deployed in container ports, airports, warehouses, smart manufacturing facilities, mining, oil and gas sites, power plants, and more.

Discover the comprehensive range of Altai Super WiFi™ solutions which are meticulously designed to meet the rigorous demands of industries with mission-critical needs, please visit our official website at www.altaittechnologies.com.

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