



Overview

Kampala, the capital and largest city of Uganda, is situated in the central region of the country along the northern shores of Lake Victoria, in close proximity to the Kenyan border. With more than 1.5 million inhabitants, Kampala is a bustling and vibrant metropolis. Its strategic location and burgeoning population make it a hub of economic activities, attracting businesses and investors alike.

However, like many African cities, Kampala also faces challenges such as traffic congestion, inadequate infrastructure, and urban poverty. Despite these difficulties, concerted efforts are being made by the visionaries to address these issues and improve the quality of life for local residents.

To solve the problem of poor telecommunication infrastructure, Tel-Com Systems cooperated with SOMBHA Solution Store, an internet and information and communications technology (ISP & ICT) services provider, deploying Altai Super Wi-Fi™ Solution in order to provide public Wi-Fi service in the crowded areas of Kampala.

Customer Name:
Tel-Com Systems

Deployment Location:
Kampala, Uganda

Application:
Public Wi-Fi Network in crowded areas

Products used:
Altai A3Ei, A2, C1an and C1xn

Result:
Altai's Super Wi-Fi Solution deployed in the crowded areas of Kampala. Wide-ranging, seamless, stable Wi-Fi connection is provided for local and tourist to use.

Business Challenges

- Wide-range outdoor areas with high density of population
- Maximize the capacity of wireless clients.
- Cost-effective solution required for business sustainability

Solution

- Altai's A3-Ei dual-band APs are installed to provide high capacity 2.4 GHz and 5 GHz dual-band dual-concurrent access coverage primarily for outdoor area
- C1an and C1xn are deployed to extend outdoor Wi-Fi coverage into indoor areas for broadband connectivity or use as an AP for pico coverage



Benefits

Altai Super WiFi™ solution provides:

- Seamless roaming for mobile applications across the entire outdoor area.
- Easy deployment of end-to-end wireless network without relying on existing infrastructure.
- High capacity required for crowded areas



About Altai

Altai Technologies (Altai) 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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