

Overview

Ghana's MPS Tema Port is operated by the consortium Meridian Port Services (MPS), which is a joint venture with Bolloré Transport and Logistics as well as APM Terminals as the two main shareholders. The port is currently undergoing an expansion project in order to keep up with the more demanding traffic. Upon completion of the expansion, it will become the largest container port in West Africa.

To allow communication between the operators and operating system, as well as to facilitate the usage of Vehicle Mount Terminals, MPS is aware of the importance of a wireless network. MPS has chosen Altai from a list of several manufacturers as an expert in this sector and as the leading supplier of Outdoor WiFi especially for large area coverage and even in challenging environment. Altai has recommended E to E as the system integrator for this project given its expertise on deployment of Altai's solutions.

With the expertise in deploying for container ports, Altai recommended its flagship A8 series to MPS. After the installation, Altai has proved A8's robust and reliable performance on large area coverage. A8 does not only meet all of the customer's requirements but also exceeds the expectation on stability and signal strength. At the same time, the total CAPEX and OPEX are much lower than other competitors' products in the market.

Customer Name:

Meridian Port Services (MPS)
System Integrator: E TO E FZE

Deployment Location:

Tema Port, Ghana

Application:

Private network for Terminal Operating System (TOS) and Vehicle Mount Terminals (VMT)

Products used:

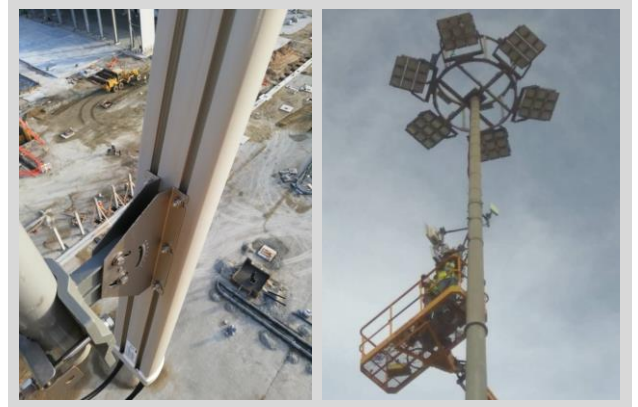
A8-Ein(ac), A8n(ac), AltaiCare

Result:

Altai A8 WiFi system does not only meet all of the customer's requirements but also exceeds the expectation on stability and signal strength. At the same time, the total CAPEX and OPEX are much lower than other competitors' products in the market.

The Challenge

- Redundant coverage solution
- Large area coverage
- Strict requirements on signal strength



The Solution

The total coverage area occupying an area of 30 Hectares. To provide a full coverage for the whole area, 18 units of A8(ac) and 12 units of A8-Ein(ac) have been installed in combination with AltaiCare On-Premises

After the deployment, a 100% seamless network coverage is available for the terminal operation system that is supporting the whole port.

The Result

Altai A8 WiFi system does not only meet all of the customer's requirements but also exceeds the expectation on stability and signal strength. At the same time, thanks to Altai's smart antenna technology, Altai has used much less devices than other competitors in the market and, at a much lower cost.

During the deployment process, Altai's expertise on coverage for complex environment and the unparallel performance have left MPS totally impressive.

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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