CASE STUDY

Solar-Powered Super WiFi Network for Chilean Port

THE PROBLEM:

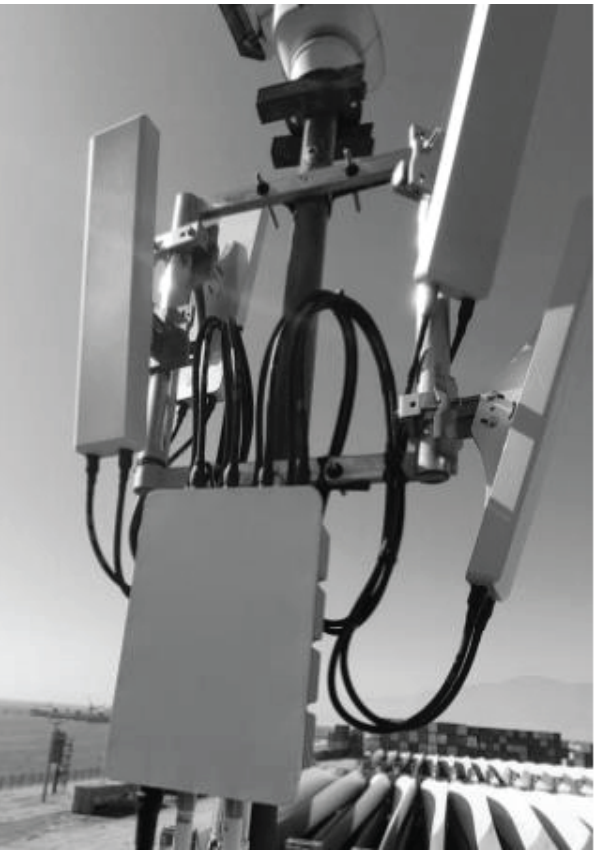
Puerto Angamos is a significant port located in Mejillones of Antofagasta Region, the centre of Chilean mining region.

It is a mono-operated, multipurpose terminal with four berths for vessels with a maximum draft of 13.7 meters, 155,000 tons displacement and 366 meters long.

Puerto Angamos' privileged location is close to the most important copper district in the world and is also on the doorstep of important commercial areas, such as Salta in Argentina and Asuncion in Paraguay.

In order to deploy our Altai Super WiFi solution, we had to overcome some of the following issues:

- Large area coverage required
- Large number of mobile devices
- Limited sites for installation



THE SOLUTION:

Altai's flagship base station A8n, A3-Ei and A2 have already been deployed in the port.

Some of the APs are installed on moving carts and supported by solar power, allowing those APs to move around the port.

AltaiCare On-Premises, running in VMWare, is also deployed as the network management system.

A3-Ei

A8n

A2

RESULTS:

Puerto Angamos put trust in Altai products based on their track record of successful deployments in over 200 container ports around the globe.

With the patented smart antenna technology, a single Altai base station can cover a large area with outstanding RF performance that standard Wi-Fi APs cannot surpass.

Not only has Altai's reliable Wi-Fi network largely improved the port management efficiency, the flexibility of deployment has also brought great convenience to the daily operation of Puerto Angamos.