

EION BYTES

In North Africa: 50 Km PTP @ 50 Mbps Wireless Link Specifications

Customer and Industry

Customer: Well renowned North African state - owned company
Industry: Mining

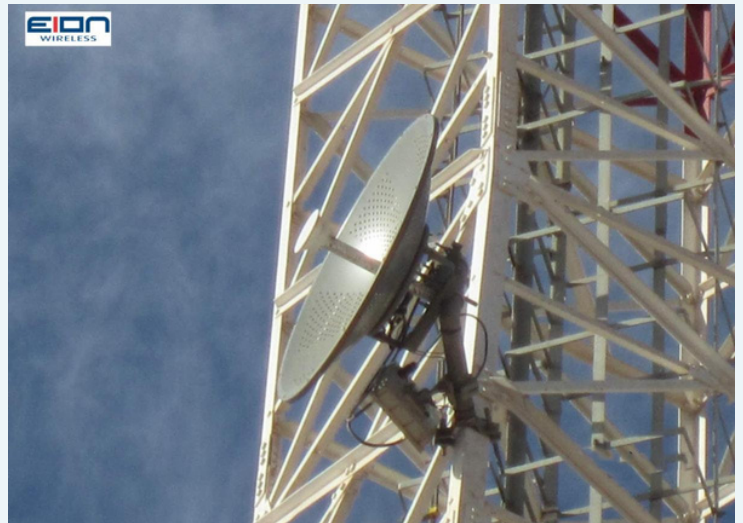
The customer is a well renowned North African state-owned phosphate rock miner, phosphoric acid manufacturer and phosphate fertilizer producer. The main objective was to connect their field locations to their control data center at their head office



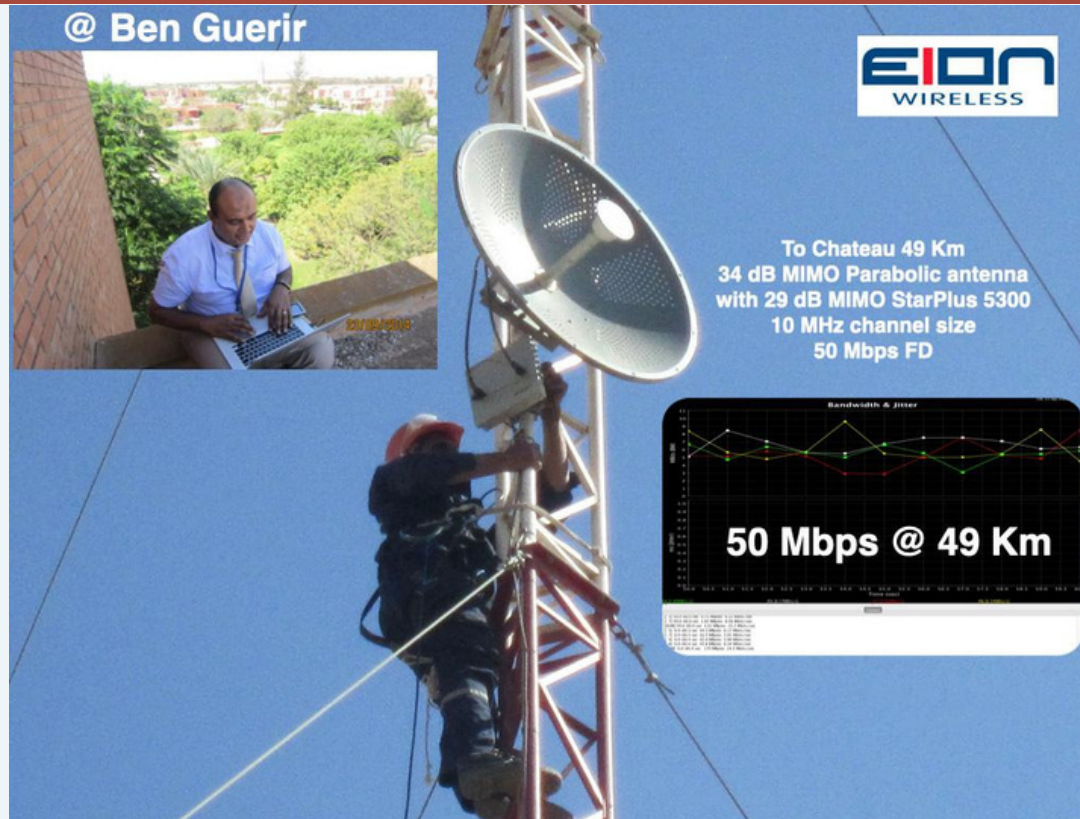
Link Details

The longest link deployed in this project was between the field location named Chateau to the field location named Ben Guerir. The road distance between these two locations is 75 Km

- Location A: Chateau - Tower Height 65m
- Location B: Ben Guerir - Tower Height 30m
- Distance: 49 Km (Over the Air Distance)
- Solar Panels Power up all the radios



Results (Download / Upload / Latency)



The obtainable results were as the following:

- 50 Mbps FD @ 20 MHz channel bandwidth
- 20 ms @ 20 MHz @ full load

Radio Specifications

EION StarPlus 5300-58-LR

- 5 GHz Band
- Long Range 33 dB Output Power
- 34 dB Parabolic Antenna
- 5, 10, 20, and 40 MHz
- MIMO 2x2
- Ruggedized for Harsh Weather
- Gigabit Ethernet Port



Visit our website