

EION BYTES

Major Middle Eastern Banks Standardize StarPlus for their Wireless Infrastructure Backhauling Solutions

The StarPlus Wireless platform from EION Wireless played a central role in the secure banking network deployed by the major Middle Eastern Banks. The carrier-class StarPlus wireless platform operating in the 5 GHz spectrum provided the banks with a secure solution that addressed the banks' requirements for network isolation and security.

The scalable StarPlus platform provided the banks with an approach to install tens of point to point links in the major cities and deploy a wireless infrastructure that allowed each location to groom network traffic from surrounding branches equipped with high capacity StarPlus subscriber stations at distances ranging from 1 to 30 kilometres from the main base station locations.





The banks used a variety of base station antennas in the design ranging from 24 dBi integrated antennas to 34 dBi external parabolic antennas to capture traffic from tens of branches distributed across the network. The StarPlus Wireless platform also allowed the bank to offer varying levels of throughput based on configurable modulation schemes (256 QAM, 64-QAM, 16-QAM, QPSK, and BPSK) and a selection of subscriber stations to meet varying requirements for distance and NLOS.

Meeting the banks' needs for superior bandwidth, excellent response time, end-to-end network quality, and network isolation led the banks to choose EION's StarPlus radios in the 5 GHz band to meet the point-to-point requirements.

EION Wireless is the Canadian manufacturer of radios supplied to commercial banks.





EION WIRELESS SOLUTIONS

StarPlus 5300 PTP & PTMP
5 GHz Band | 2x2 MIMO | Very High Speed | Efficient Interference Mitigation

- 2x2 MIMO BS up to 300 Mbps
- 2xGigE port or 1xGigE 1xFiber port
- Rugged enclosure
- Surge protector



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