

Africa's 100% IP Based TETRA Network

Hytera Serves the Largest TETRA Operator Network in Nigeria

User
Briscoe Technologies Limited, Nigeria

Market segment
Operator

Project time
2013

Products
Hytera TETRA Solution
Mobile radio network ACCESSNET-T IP
30 DIB-500 base stations
150 MT680 Mobile Radios
1500 Z1p Portable Radios
1000 PT580H Portable Radios



Background >>

Briscoe Technologies Limited is the owner and operator of Africa's 100% IP based Tetra network in Nigeria. It is well-known for its premium communications services to professionals from sectors like oil & gas, public safety, transportation. As the largest Tetra network in Nigeria, it mainly covers Lagos, Abuja and Port Harcourt. Within these areas, the system is constantly growing to provide instant communication service to multiple industries. With increasing user demands for higher security and stability, broader coverage in areas like Port Harcourt and Rivers State, Briscoe needs a new exclusive communication system based on customized design.

Customer Demands >>

Briscoe's subscribers come from multiple industries. There are more than 10,000 users using the existing system distributed in several cities. It's a big challenge to replace existing systems without disruption to ensure the customers' normal use, system compatibility and flexible network topology including Centralized network, Decentralized network, Mixed network to satisfy different industry norms and requirements.



Hytera Solution >>

Hytera TETRA system adopts modular design for easy installation and maintenance, and highest standards product specifications to ensure product is adaptive to hot, humid, and other extreme environments. Meanwhile, Hytera provides professional services including network topology design, site selection, commissioning of network, training, and local technical support.

The complete TETRA solution delivered to Briscoe includes 30 base stations and 2500 terminals with system control, dispatch, PABX service. 15 base stations of Phase 1 delivery has already been used to replace the existing network and extend the coverage to part of the Niger Delta, where the Oil & Gas industry is located. In Phase 2, the coverage will be extended to most of the Niger Delta Region as well as in Abuja FCT. All sites are expected to be implemented and operational by mid 2015.

Voice from Customer >>

“With the new infrastructure from Hytera and its new feature set, it makes our role as an operator easier to give our clients exactly what they need in terms of coverage area and functionalities.”

— *Ralph S., Technical Director, Briscoe Technologies*



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