



Network Rollout , Celtel, Niger

About Network Rollout

Since 1998, Alkan CIT has been a prime turn-key contractor for Network Rollout services, providing end to end services for Telecom operators in MEA region.

Having more than 1100 professionals distributed in Africa and ME with vast experience in all aspects of Networks rollout, our services include full technical support and consultancy services throughout all network rollout phases.

About Alkan CIT

Alkan CIT is a regional leading telecommunication solution provider and system integrator that offers a variety of turnkey solutions for telecom operators in the Middle East and Africa.

With local presence in most countries of the MEA region, we fully support the operators' business from the planning phase to full operation. Services include GSM/CDMA network planning and rollout, installation and commissioning, operation and maintenance, Quality of service monitoring, Revenue assurance & Fraud management, network security, value added services (VAS), GIS applications and help desk.

Business Challenges

Celtel Niger assigned to Alkan CIT the rollout of several new sites. The challenge was to overcome the lack of essential materials, poor infrastructure and limited transportation networks required for construction and site roll out within a limited time frame.

Solution

Design and fabrication of the required towers with all required accessories. Technical teams were mobilized in the allocated sites, and global deals were signed with suppliers from neighboring countries (Togo and Nigeria) to provide unavailable construction materials.

Solution included Site preparations, Tower supply and build up, Shelters supply and build up, Civil works and Installation & commissioning.

Outcomes

- Successfully accomplishing the project within the specified time frame
- Increasing network coverage from 30% to 70% since 2005
- Expanding Coverage in west African zone(500 new sites)
- Standardizing Celtel's site construction specifications.
- Replicating the same model in Ghana, over 2008



To learn more about how ALKAN can help activate your business, visit www.alkancit.com