

Success Story
Data Centre & Base Transceiver Stations

Market Served
Telecommunications



Location Bahrain

Scope Electro-Mechanical
Infrastructure Works

Client Nokia Siemens
Network

Consultant Irinatech

Duration 6 months

Summary

Menatelcom is the largest WiMAX, a 4G wireless technology, operator in the Kingdom of Bahrain and has a customer base of 300,000 users. The network was deployed by Nokia Siemens Networks. WiMax or Worldwide Interoperability for Microwave Access provides a robust, reliable, and cost-effective means to deliver broadband services in metropolitan and rural areas. Menatelecom deployed and managed a nationwide 802.16e-based mobile WiMAX and IP Multimedia Subsystem (IMS) network in the Kingdom of Bahrain.

Background

WiMax or Worldwide Interoperability for Microwave Access provides a robust, reliable, and cost-effective means to deliver broadband services in metropolitan and rural areas. Menatelecom deployed and managed a nationwide 802.16e-based mobile WiMAX and IP Multimedia Subsystem (IMS) network in the Kingdom of Bahrain. The project aimed at delivering wireless broadband connectivity and advanced data services to both business and residential customers across the Kingdom. The evolution of Menatelecom's WiMAX infrastructure and the need to pace up with the technological development required a competent partner. Motorola, an American multinational telecommunication company, was selected to deploy and manage this system and Irinatech, with its vast experience in the local telecommunication market, was chosen as the preferred contractor to Motorola to realise this goal.

Services

Irinatech was commissioned to handle the construction of mechanical and electrical works to include infrastructure for data centres and base transceiver station sites.

Irinatech constructed the passive element of the data centre from design to final commissioning for the AC/DC switchgear, structured cabling and rack installation, power distribution units, uninterrupted power supply systems, and back-up generators.

Irinatech at a glance

We contract to local, regional and multinational corporations and public institutions. Our general scope of work includes Engineering, Procurement, Construction and Handover to end-user. Our current growth strategy focuses on leveraging opportunities in the emerging markets of the Middle East, South Asia and Africa. Primarily focused in the power

infrastructure market, we work across a range of industry sectors including energy, water, telecommunications and infrastructure.

Our services include:

- Turnkey Construction
- Technical Support Services
- Engineered Products

Name	Abdulla Barakat
Telephone	+973 17107503
Facsimile	+973 17382284
Email	abdulla.barakat@bh.irinatech.com

