

M!DGE

GPRS/EDGE/UMTS Router



Press release

15th September 2014

RACOM to provide its M!DGE 3G Router system to monitor Electric power sub-stations in Oman.

RACOM is pleased to announce the **winning of a prestigious order** from **Muscat Electricity Distribution Company (MEDC)** for supplying a turnkey 3G cellular system to monitor/control more than 150 power sub-stations in Oman.

A **M!DGE 3G Router** system from RACOM will be deployed as a part of Muscat Electricity Distribution Company (MEDC) Distribution SCADA System to monitor and control HV/MV Electric power distribution sub-stations spread across vast areas within Muscat, capital city of Oman on the Arabian peninsula.

RACOM will provide 3G cellular Modems/Routers which will connect Remote Terminal Units (RTU) installed on more than **150 power sub-stations**, to exchange data with MEDC Distribution Control Centre (DCC) over long distances. A 3G network will serve as a backup for Fiber Optic communications between the main computer system at DCC and remote terminal units (RTU) located at MEDC's Primary Substations 33/11kV, over IEC 60870-104 protocol.

M!DGE Routers were chosen after passing through a **rigorous evaluation process** (spanning over a year) by the technical consultant and end customer, after meeting the projects stringent requirements. Trials were also conducted on-site with 5 routers as a proof-of-concept prior to the actual deployment on more than **150 sites**, which will be expanded to around **200 sites in the near future**.

Due to its **unique set of features** (dual Eth ports, IOs, IPsec VPN tunneling etc.) M!DGE was the obvious choice for the project especially given its ability to maintain high link integrity with end-to-end IP functionality, even in the harsh environmental conditions and difficult/hilly terrain of Oman.

RACOM won this business through its recently established Middle East office based in UAE that will underpin the company's strategic growth plans in the region.

More about M!DGE Routers can be found here:

<http://www.racom.eu/eng/products/gprs-router-midge.html>

About RACOM:

RACOM manufactures three main product lines: Radio Modems, GPRS/EDGE/UMTS/HSPA Routers and Microwave Links. RACOM has been in the market for over 20 years and is today one of the leading players in the global market of data transfer for SCADA& Telemetry applications, RACOM plays a significant role in setting development trends in this field. Thousands of RACOM radio and GPRS routers cover the world from the poles to the equator in dozens of countries. Further information can be found at www.racom.eu

About Muscat Electricity Distribution Company (MEDC):

Muscat Electricity Distribution Company SAOC ("MEDC") is a closed joint stock Omani company established as a result of the new market structure proposed for electricity and related water sector. MEDC commenced operations on 1 May 2005 and is licensed by Authority for Electricity Regulation (AER) for the distribution and supply of electricity in the Muscat Governorate (covering an authorized area of 3,900 sq.kms) of Sultanate of Oman.

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