



**ARAB
ADVISORS
GROUP**

PO Box 2374 Amman 11821 – Jordan
Tel. 962.6.5828849 | Fax. 962.6.5828809
arabadvisors@arabadvisors.com
www.arabadvisors.com

WiMAX in the Arab World 2010

**Arab Advisors Group
Strategic Research Service**

June 2010

**Analysts: Alaa Numair
Tareq Masarweh**

This report has been delivered to **Client** as part of the subscription to the Arab Advisors Group Strategic Research Service to be used exclusively by its employees

Copyright notice: Copyright 2010 by Arab Advisors Group. All rights reserved. No material contained in this report may be reproduced in whole or in part without the prior written permission of the publisher. Any unauthorized use, disclosure, copying, selling, distribution or in any way transfer of any direct or indirect information from this report which is the property of Arab Advisors Group, removing, erasing or hiding from view any copyright, trademark, confidentiality notice, mark or legend appearing on Arab Advisors Group products or any form of output is strictly prohibited, and will be under legal responsibility. The information contained in this report has been obtained from sources we believe to be reliable, but neither its completeness nor accuracy can be guaranteed. Opinions expressed are based on our interpretation of the available information, and are subject to change.

Feedback: Our clients' satisfaction is of our utmost concern. We welcome all feedback regarding our research and products. Please send us your notes on this report, what you found useful in it and future research directions that would help you in your business. Send feedback emails to: arabadvisors@arabadvisors.com

Table of Contents

Section I: Introduction.....1

Section II: Fixed Wireless Services in the Arab World.....2

Section III: An overview of WiMAX in the Arab region6

Algeria.....6

WiMAX status.....6

Vendors of WiMAX operators7

Coverage of WiMAX operators.....7

Rates of WiMAX operatorsError! Bookmark not defined.

Bahrain.....8

WiMAX status.....8

Vendors of WiMAX operators8

Coverage of WiMAX operators.....8

Rates of WiMAX operators8

Egypt.....10

WiMAX status.....10

Iraq.....11

WiMAX status.....11

Jordan.....12

WiMAX status.....12

Coverage of WiMAX operators.....13

Rates of WiMAX operators13

Subscriber uptake of WiMAX16

Kuwait.....17

WiMAX status.....17

Vendors of WiMAX operators18

Coverage of WiMAX operators.....18

Subscriber uptake of WiMAX18

Lebanon.....19

WiMAX status.....19

Vendors of WiMAX operators19

Coverage of WiMAX operators.....20

Libya.....22

WiMAX status.....22

Vendors of WiMAX operators22

Coverage of WiMAX operators.....22

Rates of WiMAX operators23

Mauritania.....24

WiMAX status	24
Vendors of WiMAX operators	24
Morocco	25
WiMAX status	25
Subscribers uptake of WiMAX	25
Oman	26
WiMAX status	26
Palestine	26
WiMAX status	26
Qatar	26
WiMAX status	26
Saudi Arabia	27
WiMAX status	27
Vendors of WiMAX operators	28
Coverage of WiMAX operators	29
Rates of WiMAX operators	30
Syria	34
WiMAX status	34
Tunisia	34
WiMAX status	34
Coverage of WiMAX operators	34
Subscriber uptake of WiMAX	34
UAE	35
WiMAX status	35
Yemen	36
WiMAX status	36

List of Exhibits

Exhibit 1: Operators licensed to provide fixed wireless services2

Exhibit 2: WiMAX licensed frequencies to operators in the Arab world..... 4

Exhibit 3: Licensed entities to provide WiMAX..... 6

Exhibit 4: A comparison of areas covered between SLC and MawdjAT 7

Exhibit 5: MawdjAT WiMAX tariffs 7

Exhibit 6: WiMAX operators in Bahrain..... 8

Exhibit 7: Coverage of WiMAX operators 8

Exhibit 8: Zain Bahrain’s WiMAX “Zain@home” packages and rates 9

Exhibit 9: Zain Bahrain’s “Zain@home” packages’ features..... 9

**Exhibit 10: Mena Telecom’s “menaHOME- Broadband and Internet telephony”
packages and rates 9**

Exhibit 11: Companies' list 10

Exhibit 12: Licensed and unlicensed WiMAX providers in Iraq 11

Exhibit 13: Details on WiMAX coverage licensed for licensees in Iraq 11

Exhibit 14: WiMAX operators in Jordan 12

Exhibit 15: WiMAX operators Launch dates in Jordan..... 12

Exhibit 16: Coverage of WiMAX operators (by February 2010)..... 13

Exhibit 17: Umniah’s Umax postpaid plans..... 13

Exhibit 18: Umniah’s Umax post paid plans top-up recharging denominations 13

Exhibit 19: Umniah’s Umax Prepaid Plan..... 14

Exhibit 20: Prepaid Umax annual subscription details..... 14

Exhibit 21: Umniah’s Umax Prepaid recharging denominations 14

Exhibit 22: wi-tribe’s WiMAX packages and rates..... 14

Exhibit 23: wi-tribe’s set up, deposit and modem rental fees 15

Exhibit 24: Zain ISP’s WiMAX package and rates 15

Exhibit 25: Zain ISP’s WiMAX devices 15

Exhibit 26: Kulacom’s WiMAX package and rates 15

Exhibit 27: Mada Jordan’s WiMAX package and rates 16

Exhibit 28: Mada Jordan’s WiMAX devices..... 16

Exhibit 29: WiMAX subscribers in Jordan 16

Exhibit 30: WiMAX operators in Kuwait 17

Exhibit 31: Licensed DSPs in Lebanon by February 2010..... 19

Exhibit 32: Cedarcom's wireless network coverage..... 20

Exhibit 33: GDS wireless network coverage by location 21

**Exhibit 34: Name and location of Libyan Cities covered by LTT’s WiMAX service
..... 23**

Exhibit 35: Details of LTT’s WiMAX 2Mbps* packages and rates..... 23

Exhibit 36: WiMAX frequencies in Morocco.....	25
Exhibit 37: Mediatecom’s WiMAX subscribers’ uptake.....	25
Exhibit 38: Licensees who are permitted to deploy WiMAX.....	27
Exhibit 39: WiMAX operators in Saudi Arabia (by February 15, 2010).....	28
Exhibit 40 Equipment and solutions vendors of WiMAX operators in Saudi Arabia.....	29
Exhibit 41: coverage of WiMAX operators.....	30
Exhibit 42: Mobily “broadband@home” and “broadband@work” subscription rates.....	31
Exhibit 43: ITC “ZOOM” broadband packages and rates.....	31
Exhibit 44: “GO Home Broadband” packages and rates.....	31
Exhibit 45: “iGo Personal Broadband” packages and rates.....	32
Exhibit 46: “iGo Voice” plan.....	32
Exhibit 47: “GoTalk” plan (broadband and fixed voice bundle).....	32
Exhibit 48: GO Voice and iGo voice calling rates.....	32
Exhibit 49: “GO Call Booth” prepaid calling card denominations.....	33
Exhibit 50: Bidders and vendors.....	36
Exhibit 51: CPEs vs. Dongles for MENA WiMAX operators.....	37