



Sudan Internet & Datacomm Landscape Report

**Arab Advisors Group
Strategic Research Service**

May 2006

Analyst: Andrawes Snobar

Arab Advisors Group
A member of the Arab Jordan Investment Bank Group

PO Box 2374
Amman 11821 - Jordan
Tel. 962.6.5828849
Fax. 962.6.5828809
arabadvisors@arabadvisors.com

www.arabadvisors.com

Copyright notice: Copyright 2006 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. 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: Executive summary	1
Section II: Projections	3
Section III: Sudan Internet and Datacomm Market	4
Regulations	4
Regulatory authority	4
Licensing Regime.....	4
Liberalization Timeline.....	6
Internet Domain Name Regulations in Sudan.....	7
Internet Filtering	8
Operators' Profiles	9
Sudatel	9
CanarTel	13
Sudan's Internet Market	16
Internet Subscribers Growth	17
ADSL subscribers Growth.....	19
Internet Users.....	19
Internet Growth and Revenues	21
Internet Bandwidth Growth.....	22
Section IV: In country content players	24
Online Portals	24
Online newspapers	25
Web pages under top-level domain	26
Section V: E-commerce and financial services	27
e-Commerce	27
Online Banking and M-Banking	27
Online Stock trading	27

List of Exhibits

Exhibit 1: Sudan's liberalization timeline	6
Exhibit 2: Canartel Shareholders breakdown.....	13
Exhibit 3: Internet service providers operating in Sudan, 2005	16
Exhibit 4: Internet minute rate breakdown	16
Exhibit 5: Internet accounts growth, 2001-2010.....	18
Exhibit 6: ADSL accounts, 2003-2010.....	19
Exhibit 7: Internet Subscribers, revenues, and ARPU, 2001-2010.....	21
Exhibit 8: Internet bandwidth growth in Sudan, 2001-2010	22
Exhibit 9: Personal computers growth, 2001-2010	23
Exhibit 10: Major online portals in Sudan.....	24
Exhibit 11: Major online newspapers and magazines in Sudan.....	25
Exhibit 12: Operating banks in Sudan, 2005.....	27
Exhibit A 1: terms and conditions that apply to the use and registration of Domain Names	28
Exhibit A 2: Fees for the Public and Private Communication Network and Assembling and Manufacture For The year 2005	30
Exhibit A 3: Fees for equipment related to the licenses.....	31
Exhibit A 4: Long wave apparatus fees.....	31
Exhibit A 5: Short wave apparatus fees.....	31
Exhibit A 6: Annual Fees for the Frequencies and Frequency Zones	32
Exhibit A 7: Type Approval and Customs Release Fees	32
Exhibit A 8: International Gateways and Broadcasting.....	32
Exhibit A 9: Domain name registration categories and fees	33
Exhibit A 10: Sudanet email prices	33
Exhibit A 11: Sudanet webhosting prices	33
Exhibit A 12: Sudanet virtual mail prices.....	33
Exhibit A 13: Sudatel ADSL packages and rates	34
Exhibit A 14: Prices of Locally Dedicated Circuits or Lines Within Exchange Area	34
Exhibit A 15: Prices of Locally Dedicated Circuits or Lines Outside Exchange Area	34
Exhibit A 16: Prices of Dedicated National Circuits or Leased Lines	35
Exhibit A 17: Prices of International Circuits.....	35
Exhibit A 18: Prices of Data cloud service	35

Exhibit A 19: Prices of Internet leased lines.....	36
Exhibit A 20: Prices of Data Connectivity Between Provinces.....	36
Exhibit A 21: ISDN Service fees.....	36
Exhibit A 22: Frame Relay Service fees	36
Exhibit A 23: Internet dialup and electronic library minute rates.....	37
Exhibit A 24: "Canar 40" postpaid residential package details	37
Exhibit A 25: "Canar 200" postpaid residential package details	37
Exhibit A 26: "Canar Basic" prepaid residential package details	38
Exhibit A 27: "Canar 25" prepaid residential package details.....	38
Exhibit A 28: "Postpaid 300" business package details	39
Exhibit A 29: Tele-Center package details	39
Exhibit A 30: "Prepaid 60" business package details.....	39