

# AISI-Connect National ICT Profile NAMIBIA (NA)

GENERAL DATA	ICT-INFRASTRUCTURE	ICT POLICIES
Capital: Windhoek	Fixed lines (K) '98: 114	Competition in local loop: Monopoly
98 Population (M): 1.66	97-98 % Fixed Line Growth: 0.23	Competition in telephone terminals: Yes
Currency: NMD	98 Mobile Lines (K): 20	Independent regulator: Yes
Exch rate (/US\$): 6.5175	Mobile Line Growth (%):	Private Wireless Data allowed: No
Currency Stability:	Cities with Internet POPs: 13	Independent Internet VSAT Allowed: No
97 GDP US\$/person: 2051.0	Local Call National Internet: No	VSAT License Fees:
97 Total GDP (\$B):	Dialup Internet subscribers: 15000	Satellite Phone access: No
Local Stock Exchange: No	International Bandwidth (Kbps): 3072	Universal Service Obligations:
Personal Safety: 6	Internet Hosts: 1995	IAP License Fees (\$/yr):
Political Stability:	Internet domains:	Private Phone Kiosks: No
Tertiary ICT Students:	Dialup Internet Cost 20hrs/mnth (\$): 40	Public VOIP Allowed: No
ICT Training seats:	64K Local Internet link (\$/mnt):	Business Ownership Rules:
ISDN: No	64K Internat Internet Link (\$/mnt):	Repatriation of Profits Rules:
VPN Services: No	Local phone call cost (US\$/hr):	Restrictions on market entry:
UNDP Human Devel Index:	Monthly tel line rental (\$/mnt):	Export Credit Guarantees:
.	Telephone waiting time/Wait List:	.
.	Internet Access Providers 4	.
.	Mobile Operators:	.
.	Fixed Line Telecom Operators:	.

[Key to table values](#) All figures above in US Dollars (\$)

## ICT Profile:

### Internet:

Private ISPs are free to obtain their own international bandwidth via a fibre optic link to South Africa.

Aside from Windhoek, points of presence have been set up by ISPs in the 13 major towns. UUNET SA operates the largest network, in all 13 towns, with 2MBPs of international bandwidth and 325 dialin lines, but resells service to users via a recent agreement with AfricaOnline Namibia which is

now the dominant retail dialup ISP in the country.

### Telecommunications:

Namibia Telecom is the sole provider of basic telecommunications services. Namibia has a relatively well developed telecommunications network as well as a GSM cellular telephone and an X.25 packet switched service.

The X.25 network, called SWANET, has local access points in Windhoek, Swakopmund, Oshakati, Tsumeb, Keetmanshoop, Luderitz and Otjiwarongo.

Some telephone exchanges in Namibian towns are still manually switched via an operator, making data connections virtually impossible. Recently the PTO replaced its microwave link to South Africa with a fibre-optic cable, which greatly improves the reliability and availability of its primary international telecommunications route. **Communication Costs:**

Iafrica/UUNET leased line charges:

#### Normal Internet Pricing:

Product:	Price: N\$
32 Kbps	4,490.00
64 Kbps	7,495.00
128 Kbps	14,195.00
192 Kbps	20,700.00
256 Kbps	24,680.00
320 Kbps	28,705.00
384 Kbps	32,790.00
448 Kbps	37,270.00
512 Kbps	41,445.00
1024 Kbps	77,890.00

#### Guaranteed International Bandwidth:

Product:	Price: N\$
16 Kbps	5,780.00
32 Kbps	11,555.00
48 Kbps	17,335.00
64 Kbps	22,595.00
128 Kbps	43,775.00
192 Kbps	64,975.00
256 Kbps	86,190.00
320 Kbps	107,420.00
384 Kbps	128,675.00

### National ICT activities:

The **Ministry of Information and Broadcasting** convened a conference on Building Namibia's National Information Infrastructure in Windhoek, May 11th-14th '98. The Ministry is also responsible for establishing the government's official web site.

The **Data Systems and Services Unit** of the **Office of the Prime Minister** has the primary responsibility for co-ordination of systems development and national networking in the public service (Many government departments have fairly advanced but unconnected networks).

Leased lines link the UN system, the Parliament and the Ministry of Basic Education and Culture (including the National Archives.)

## Organisational Activities in the ICT Sector:

**Office of the Prime Minister** Has responsibility for The Data Systems and Services Unit, which co-ordinates systems development and national networking in the public service. (Many government departments have fairly advanced but unconnected networks). See separate entry for DSSU.

<http://www.republicofnamibia.com/adress.htm>

**University of Namibia** The University of Namibia was the first institution in Namibia connected to the Internet and it was the host for the NAMIDEF hub for a number of years until the entry of the

commercial ISPs. The University also has an active Department of Information and Communication Studies. <http://www.unam.na/> Justin Chisenga [jchisenga@unam.na](mailto:jchisenga@unam.na)

**Mocwal Management Services** Management and policy consulting company. Dr JF Waldeck [mocwal@iafrica.com.na](mailto:mocwal@iafrica.com.na)

**Namibian Communications Commission** Independent regulator for the telecommunication sector  
Mr Barthos Hara-Gaeb

**Ministry of Information and Broadcasting** The Ministry convened a conference on Building Namibia's National Information Infrastructure in Windhoek, May 11th-14th '98. This was expected to assist with the government's recent decision to establish a national information network linking all the regions in Namibia which will provide public access to government information and support the development of Namibia's Information Society. <http://www.republicofnamibia.com/adress.htm>

**AfricaOnline Namibia** The most recent of AfricaOnline's national ISPs, which took over UUNET's dialup customer-base of about 4000 users in July 2000. <http://www.africaonline.com.nad/>  
<mailto:sales@AfricaOnline.com.na>

**IML** An ISP. IML-Net provides Internet Services to the central Namibian coast.  
<http://www.iml.com.na/> [webmaster@iml.com.na](mailto:webmaster@iml.com.na)

**IWWN** An ISP. <http://www.iwwn.com.na/> [info@iwwn.com.na](mailto:info@iwwn.com.na)

**NCS** An ISP. <http://www.ncs.com.na/> [Postmaster@maria.ncs.com.na](mailto:Postmaster@maria.ncs.com.na)

**UUNET Internet Africa Namibia** The dominant Internet access provider, UUNET provides the backbone network for Africa Online Namibia.

<http://www.uunet.com.na/> [info@iafrica.com.na](mailto:info@iafrica.com.na)

**Data Systems and Services Unit** Has the primary responsibility for co-ordination of systems development and national networking in the public service.

Ms N Hamutenya [hamutenya@dssl.dss.gov.na](mailto:hamutenya@dssl.dss.gov.na)

**Namibia CDS-ISIS User Group** <http://www.cds-isis.org.na/> Renate Morgenstern  
[renatem@iafrica.com.na](mailto:renatem@iafrica.com.na)

**Polytechnic of Namibia** maintenance of a complete Tucows mirror (<http://namibia.tucows.com>)  
<http://www.polytechnic.edu.na/> Laurent Evrard [laurent@polytechnic.edu.na](mailto:laurent@polytechnic.edu.na)

**Nambia Internet Development Foundation** A non-profit agency, which was the initiator of the internet in Namibia, has with DSS collaborated in supporting government and research/academic networking in the country.

Recently NAMIDEF has outsourced its ISP activities to the largest ISP in the country - **Uunet Internet Africa** - but it still manages the router on behalf of DSS.

UIAN has a progressive public access support policy and in an arrangement with NAMIDEF a percentage of UIAN income is made available to further the development of the Internet in Namibia. The funds are used in a number of ways, in particular to provide subsidized rates for deserving individuals and organizations. (The organisation or individual puts in an application to NAMIDEF stating the grounds for the subsidy and motivate why they require access to the Internet,

predominantly educational and developmental agencies working for the good of Namibia). Also supported by the subsidies are training on the Internet technologies, free web pages for developmental and educational institutions and internet infrastructure growth and capacity building. <http://www.net.na/> Dr Eberhard Lisse [el@lisse.na](mailto:el@lisse.na)

**[Namibia Ministry of Environment and Tourism](#)** Has an online reservation system which is remotely accessible via the X.25 network. <http://www.iwwn.com.na/namtour/tourism@iwwn.com.na>

**[Namibian Economic Policy Research Unit](#)** It has established a web site. Mission Statement: To contribute as a centre of professional excellence to local capacity building through training, applied socio-economic research and dissemination of information, thereby enhancing informed policy decisions for national development. <http://www.nepru.org.na/> Mary Hansen [nepru1@nepru.org.na](mailto:nepru1@nepru.org.na)

**[Media Institute of Southern Africa](#)** To support independent media development in Southern Africa, MISA was launched with UNESCO and Swedish Government funding. <http://www.misanet.org.na/> [misa@misanet.org.na](mailto:misa@misanet.org.na)

**[Namibia Online](#)** Official Web site of the Namibian Government  
<http://www.republicofnamibia.com/>

**[National Archives](#)** Linked via leased lines to the UN system, the Parliament and the Ministry of Basic Education and Culture. It is working to provide electronic access to government libraries, <http://www.natarch.mec.gov.na/> [natarch@natarch.mec.gov.na](mailto:natarch@natarch.mec.gov.na)

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Source:

AISI-Connect database - <http://www2.sn.apc.org/africa> Telecom/GDP stats source: ITU/World Bank. Internet hosts: Network Wizards

If located in Africa and not listed here, [add your organisation to this page.](#)