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Nepal Telecommunications Authority

MANAGEMENT INFORMATION SYSTEM (MIS)

Baluwatar, Kathmandu

Tel. No. : +977-1-4446001-4 Ext. No. 232/236

Fax No. : +977-1-4446006

E-mail : ntra@nta.gov.np

Website: www.nta.gov.np

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1. NTA at a Glance

With the unprecedented innovations in the field of telecommunication services and rapid telecommunications development in the world, it has become necessary to bring the same pace of development and expansion in this sector in Nepal also. Keeping in harmony with the currently evolving new technological developments, the emerging craze for globalization and liberalization or market economy concept, it is felt that the resources and efforts of His Majesty's government alone cannot fulfill the steadily increasing demand of the telecommunication services in a competitive environment. Even though the private sector entrepreneurs are interested in investing in the novel sectors, flow of private sector capital in productive areas could not be made effective due to unfavorable environment and lack of opportunities. Taking this scenario into account, the National Communication Policy 1992 A.D. envisaged the concept of encouraging the private sector participation for providing telecommunication services to the public and to assist to the extent possible as is deemed necessary in an easily available, simple and well planned manner for the development, expansion and operation of this sector inside the kingdom of Nepal as well as abroad.

With this concept, using liberalization policy and involving the private sector in a competitive environment for the development and expansion of telecommunication sector in Nepal, His Majesty's Government of Nepal's decision dated December 25, 1995 has initiated the involvement of the private sector in the development of the telecommunication services. Nepal Telecommunications Authority as an autonomous regulatory body has been established on March 4, 1998 as stipulated within the framework of the Telecommunication Act 1997 A.D. and Telecommunication Regulation 1998 A.D. to make this work more systematic and regular.

2. Telecom Network of the Country

- 2.1 The Nepal Telecom (NDCL), Nepal's incumbent telecommunications operator, has made significant progress in the growth and development of the national public switched telecommunications network (PSTN) in the last decade, particularly during Nepal's Fifth Phase Telecom Project (1992-97).
- 2.2 The same tempo of growth continues in the ongoing Seventh Phase, with the number of distributed lines increasing from approximately 65,000 in 1992 to over 4,61,783 (fixed line), Post-paid Mobile Subscribers 98,539 and Pre-paid Mobile Subscribers 1,87,175 till 18 October, 2005. The network is fully digital and offers full national and international direct dialling services.
- 2.3 The national trunk network is equipped with 1762 MBPS, out of which 788 MBPS broadband microwave system is being used to link Kathmandu with the rest of the country.
- 2.4 Rural service was expanded in Nepal under the Fifth Phase Telecom Project, through Japanese (JICA) and IDA (World Bank) fund. Country's 75 district centres have automatic telecommunications service, including STD and ISD. This access is usually provided by NDCL or a privately operated public call office (PCO) or a phone shop. Sixty-eight district centres have communications services

to some neighbouring VDCs by means of 2 MBPS microwave links, MARTS, single channel VHF/UHF or Very Small Aperture Terminal (VSAT) services. The following table summarises types of technology used to provide telecommunications services to the VDCs of Nepal as of 18 October, 2005.

Technology used by NDCL to serve VDCs	
Digital C-DOT (wire line) exchanges	44/8,274 (Exchange/Capacity)
MARTS	328/2,659 (Marts Terminals/ Telephone Subscribers)
VHF/UHF radio	1,055 (Telephone Subscribers)
Digital microwave (JICA project)	3/69 (Rural Station/Substation)
HF radio	4
VSAT	309 (Telephone lines)
VDCs served with at least one PCO	1,974
Telex Service	105

- 2.5 NDCL has achieved the following rural service penetration levels as of 18 October, 2005. Percentages identified in the table refer to the percentage of VDCs with at least one PCO in the specified region.

Region	Total VDCs	VDCs Served with at least one PCO	% of VDCs Served with at least one PCO
Nepal	3,914	1,974	50.4%
Eastern Development Region	893	462	51.7%
Central Development Region	1199	602	50.2%
Western Development Region	864	498	57.6%
Mid-Western Development Region	575	218	37.9%
Far-Western Development Region	383	194	50.7%

- 2.6 United Telecom Limited (private sector basic telecommunications operator based on WLL technology) has started its own International Gateway from 19th April 2004 and is providing its service in Kathmandu Valley. Total subscriber of WLL telephone service is 36000 as of 18 October, 2005.
- 2.7 Spice Nepal Pvt. Ltd. (private sector mobile operator) has started its operation from 1st October, 2005. Total subscriber of SNPL is 17,294 (14000 post paid & 3294 pre-paid) as of 18 October, 2005.
- 2.8 The total telephone penetration rate (i.e. 1 phone to 100 citizens) in Nepal is around 3.14% (2% in fixed line and 1.14% in mobile)

3. Rural Telecommunications Service Policy

- 3.1 NDCL is providing Rural Telecommunications Service in the entire country, except 534 Village Development Committees of Eastern Development Region,

where NTA has licensed STM Telecom Sanchar Pvt. Ltd. to provide at least two telephone lines in each Village Development Committee.

- 3.2 Being a VSAT based Rural Telecom Operator in Eastern Development Region, STM Telecom Sanchar Pvt. Ltd. has installed the hub stations at Kathmandu and Biratnagar and has installed 542 VSAT terminals in 271 VDCs of Eastern Development Region till 18oct, 2005.

4. NTA Activities during the past three months

- i. An in-house training program on "Regulatory Issues" was conducted from Ashadh 09, 2062 to Asadh 23, 2062.
- ii. Three NTA staffs took part in a seminar on "ITU regional seminar on Broadband Wireless Access (BWA) for rural and remote areas for the Asia Pacific Region" held on Shenzhen, China (P.R. China) from 1-2 September, 2005, "A Regional workshop on Right Sizing in Human Resources in organisation" held on Bangkok, and "A Regional workshop on right sizing in aligning Human Resources in organisation" held on Fiji respectively.
- iii. Licences were issued to nine VSAT users and two ISPs.

5. Relevant Acts and Regulations

1. Telecommunications Act, 1997 A.D. (2053 B.S.)
2. Radio Act, 1958 A.D. (2014 B.S.)
3. Telecommunications Regulations, 1998 A.D. (2054 B.S.)
4. Radio License Regulation, 1992 A.D. (2049 B.S.)
5. Telecommunications Policy, 2004 A.D. (2060 B.S.)
6. Cyber Law, 2004 A.D. (2061 B.S.)

6. NTA Board of Directors

Mr. Suresh Kumar Pudasaini	Chairman
Mr. Mani Ram Ojha	Board Member
Mr. Abinash Panta	Board Member
Dr. Krishna Bahadur Khatri	Board Member
Mr. Nabin Raj Lamichhane	Board Member

7. No. of Licenses issued for different types of Telecommunications Services (up to 18 October, 2005)

(a) Basic Telephone	2
(b) Cellular Mobile Telephone	2
(c) Internet (with e-mail)	34
(e) Radio Paging	8
(f) VSAT Network Providers	10
(g) VSAT Service Users	88
(h) Fax Mail	6
(i) Video Conferencing	1
(j) GMPCS	2
(k) Rural Telecom Services	1
(l) Local Data Network	1

Total 155

8. Glimpse of Licensing Activities (up to 18 October, 2005)

S. No.	Services	Fiscal Year								Total
		055/56	056/57	057/58	058/59	059/60	060/61	061/62	062/63	
1.	Basic Telephone			1		1				2
2.	Cellular Mobile	1						1		2
3.	Internet (with e-mail)	9	4	2	3	2	6	6	2	34
4.	Radio Paging	1	5	2						8
5.	VSAT Network Providers	2	4	1	3					10
6.	VSAT Service Users	1	15	8	11	15	20	9	9	88
7.	Fax Mail	3	1	2						6
8.	Video Conferencing		1							1
9.	GMPCS					2				2
10.	Rural Telecom Services						1			1
11.	Local Data Network						1			1
Total		17	30	16	17	20	28	16	11	155

* Total existing Licensee till 18 October, 2005 is 133

9. Subscribers of different Services (as of 18 October, 2005)

Fixed line telephone subscribers	4,61,783
Post-paid mobile subscribers (NDCL + SNPL)	98,539
Pre-paid mobile subscribers (NDCL + SNPL)	1,87,175
Internet (with e-mail) subscribers	47,000
WLL subscribers	36,000
GMPCS subscribers	800
Internet users (47,000x5) =	2,35,000

10. Addresses and Contact nos. of Service Providers

S. No.	Name	Address	Tel.No. (+977-1-)	Fax.No. (+977-1-)	E-mail	URL
Basic Telecom Operators						
1.	Nepal Doorsanchar Company Limited	Bhadrakali Plaza, Kathmandu	4210202	4221202	ntc.ogm@ntc.net.np	www.ntc.net.np
2.	United Telecom Limited	Putalisadak, Kathmandu	4219497	4219498	uflnepal@wlink.com.np	www.uflnepal.com.np
Cellular Mobile Operator						
1.	Nepal Doorsanchar Company Limited, New Services Directorate	Pulchowk, Lalitpur	5536791	5515291	ntc.ogm@ntc.net.np	www.ntc.net.np
2.	Spice Nepal Pvt. Ltd.	Mero Mobile Building Ekantakuna, Jawalakhel-4, Lalitpur	5554544 5554547 5524250	5554538	snpl@spicenepal.com	www.spicenepal.com
Rural Telecom Operators						
1.	STM Telecom Sanchar Pvt. Ltd.	Thirbam Sadak 5, Baluwatar, Kathmandu	4419366	4419366	sp radhan@stmtelecom.org.np	www.stmtelecom.org.np
Fax Mail Operators						
1.	Himalayan Online Services Pvt. Ltd.	Durbar Marg, Kathmandu	4244952	4244524	info@hons.com.np	www.hons.com.np
2.	Infocom Pvt. Ltd.	Hattisar, Kathmandu	4436458 4436459	4435826	info@info.com.np	www.info.com.np
3.	Unlimited Numedia Pvt. Ltd.	Khichapokhari, Kathmandu	4249668 4249151	4249151 4222424	allen@unlimit.com.np	www.unlimit.com
Internet Service Providers						
1.	Mercantile Communications Pvt. Ltd	Durbar Marg, Kathmandu	4220773	4256761	amatya@mos.com.np	www.mos.com.np
2.	Worldlink Communications Pvt. Ltd	Jawalakhel, Lalitpur	5523050	5529403	info@wlink.com.np	www.wlink.com.np
3.	Everest Net Pvt. Ltd.	Ekantakuna, Jawalakhel, Lalitpur	5546010 5539430	5539431	info@enet.com.np	www.enet.com.np
4.	Global Internet Services Pvt. Ltd.	Ward No-3, Bihar Area, Lalitpur	5539990	5543647	info@gispl.com.np	www.gispl.com.np
5.	Himalayan Online Service Pvt. Ltd.	Durbar Marg, Kathmandu	4244952	4224524	info@hons.com.np	www.hons.com.np
6.	Infocom Pvt. Ltd.	Hattisar, Kathmandu	4436458 4436459	4435826	info@info.com.np	www.info.com.np
7.	Nepal Gateway Communications Pvt. Ltd.,	Hattisar, Kathmandu	4434961	4434659	highmtn@wlink.com.np	
8.	Nepal DoorSanchar Company Limited (NDCL)	Pulchowk, Lalitpur	5544132	5545878	bimlesh.jha@ntc.net.np	www.ntc.net.np
9.	I MAX Pvt. Ltd.	Ranjana Galli, New Road, Kathmandu	4269805	4260693	info@imax.com.np	www.imax.com.np
10.	Square Network Pvt.	GPO-8975,	5542317	5549388	info@snet.com.np	www.snet.com.np

	Ltd.	EPC-1389 Sanepa-2, Lalitpur				
11.	Via Net Communications Pvt. Ltd.	Pulchowk, Lalitpur	5546410	5537318	info@vianet.com.np	www.vianet.com.np
12.	Sailung Dot Com Pvt. Ltd.	Bhanuchowk, Dharan	526528	526528	amrit@sailung.com	www.sailung.com
13.	Fewa Net Pvt. Ltd.	Pokhara, Kaski	531548		fewanet@fewanet.com.np	www.fewanet.com.np
14.	Cyber Space Pvt. Ltd.	Adarshanagar, Birgunj	5524075		atc@atcnet.com.np	
15.	Netlink Communications Pvt. Ltd	P.O.box- 7940 Bagwatimarg , Naxal, kathmandu	4440304	4492703	info@netlink.com.np	www.netlink.com.np
16.	Global Net Pvt. Ltd.	Bharatpur, Chitwan	520656	526528	support@bharatpur.com.np	
17.	Himal Technologies Pvt. Ltd.	5409,Jayabageswori Kathmandu	4480698 4759964	4759964	ibadal@himaltech.com.np	www.himaltech.com.np
18.	Subisu Cablenet Pvt. Ltd.	Baluwatar, Kathmandu	44296164 429617	4430572 4240165	scn@subisu.com	www.subisu.net.np
19.	Spacetime Internet Pvt. Ltd	Minbhawan, Kathmandu	4487750 4487751 4487752	4494022	space@col.com.np	
20.	Mero ISP Pvt. Ltd	Kantipur, Kathmandu	4232777	4232777		
21.	Pokhara I-net Pvt. Ltd.	Gairapatan, Pokhara, PO Box- 86	5521703 5535377	5532891	2fm@fewamail.com.np	
22.	Japan Nepal Information Technology Pvt. Ltd.	Kalikaasthan, Kathmandu, Nepal	4770772			
23.	Computer Click Online Pvt. Ltd.	Putalisadak, Kathmandu	4439724 4439725		info@ccsl.com.np	www.ccsl.com.np
24.	Personal Broadband Nepal Pvt. Ltd.		4479213			www.pbn.com.np
25.	IP Communications Pvt. Ltd.	Putalisadak, Kathmandu	4247535	6613666	lovely@mail.com.np	
26.	Netplus Technology Pvt. Ltd.	Sanepa, Lalitpur	4784800 4784660			
VSAT Network Service Provider						
1.	Mercantile Communications Pvt. Ltd.	Durbar Marg, Kathmandu	4240920	4225407	amatva@mos.com.np	www.mos.com.np
2.	Worldlink Communications Pvt. Ltd.	Jawalakhel, Lalitpur	5523050	5529403	info@wlink.com.np	www.wlink.com.np
3.	Communications and Communicate Nepal Pvt. Ltd.	Siddhi Bhawan, Kathmandu	4269348	4243726	info@ccnep.com.np	www.ccnep.com.np
4.	I MAX Pvt. Ltd.	Ranjana Galli, New Road, Kathmandu	4269805	4260693	info@imax.com.np	www.imax.com.np
5.	Infocom Pvt. Ltd.	Hattisar, Kathmandu	4436458 4436459	4435826	info@info.com.np	www.info.com.np
6.	Namche Networks Pvt. Ltd.	Man Bhawan, Lalitpur	5548228 5548229 5549427	5548211	info@namche.com.np	www.namche.com
7.	Websurfer Nepal Communications Pvt.	Naxal, Kathmandu		4492703		www.websurfer.com.np

	Ltd.					
8.	Square Network Pvt. Ltd.	Sanepa Lalitpur	5542317	5549388	info@snet.com.np	www.snet.com.np
9.	Unlimited Numedia Pvt. Ltd.	Khichapokhari, Kathmandu	4249668 4249151	4249151 4222424	allen@unlimit.com	www.unlimit.com.np
GMPCS Service Provider						
1.	Constellation Pvt. Ltd.	Pulchowk, Lalitpur	5548836	5588879	ceo@constellation.com.np	
2.	AVCO International Pvt. Ltd.	Nagpokhari, Kathmandu	4410394 4428679	4422252	avco@wlink.com.np	
Video Conferencing Service						
1.	World Bank, Country Office Nepal	Yak and Yeti Building, Durbar Marg				
Local Data Network Service						
1.	Shivahari Pokharel (Representative SITA)	RNAC Building	4229252	4228314		

11. Useful Information

License Fee and Renewal Fee for different Value Added Services for a period of 5 years

S. No.	Services	License Fee Rs.	Renewal Fee Rs.
1.	Internet (with e-mail)	300,000.00	270,000.00
2.	E-mail Only	200,000.00	180,000.00
3.	Audio Text/Voice Mail	200,000.00	180,000.00
4.	Video Text	200,000.00	180,000.00
5.	Fax Mail	200,000.00	180,000.00
6.	VSAT		
	a) VSAT Network Providers	2,500,000.00	2,250,000.00
	b) VSAT Service Users	250,000.00	225,000.00
7.	Audio Conferencing	50,000.00	45,000.00
8.	Pay Phone	3,000,000.00	2,700,000.00
9.	Prepaid Calling Card	3,000,000.00	2,700,000.00
10.	Local Data Network (Business Use)	2,500,000.00	2,250,000.00
11.	Radio Paging Services		
	a) Country Wide	12,50,000.00	11,25,000.00
	b) Eastern and Central Development Region (without Kathmandu Valley)	5,00,000.00	4,50,000.00
	c) Kathmandu Valley	5,00,000.00	4,50,000.00
	d) Western Development Region	3,00,000.00	2,70,000.00
	e) Mid-western Development Region and Far-western Development Region	2,00,000.00	1,80,000.00
	f) Selected VDCs Only	75,000.00	67,600.00
12.	Trunk Mobile Radio		
	a) Kathmandu Valley	500,000.00	450,000.00
	b) Pokhara, Biratnagar, Birgunj, Bhairahawa, Bharatpur or Nepalgunj Municipality	250,000.00	225,000.00
	c) Rest of the Places	125,000.00	112,500.00
13.	Video Conferencing	150,000.00	135,000.00
14.	GMPCS	1,500,000.00	1,400,000.00

12. Telephone Nos. of NTA

S. No.	Section	Phone No.	Extension No.
1.	Chairman	4446010	225
2.	Board Members Room	**	235
3.	PA Room	**	222
4.	Advisor (I)	4446008	244
6.	Administration & Account	**	213/214/218/223
7.	Consumer	4446007	233/232/236
8.	License and Rural Telecom	**	220/221
9.	Legal	**	234/238
10.	Engineering (I)	4446005	242
11.	Engineering (II)	4435223	240/241
12.	Engineering (III)	**	243/245
13.	Library	**	209
14.	Registration	**	212
15.	Operator	**	9/211
16.	Security Guard	**	201

** Operators No. : 4446001/2/3/4
2083201/2
Fax No. : 4446006

13. MIS Committee

1. Mr. Arjun Ghimire
2. Mr. Udaya Raj Regmi
3. Ms. Pratima Ghimire