

**NIX.CZ, z.s.p.o.**  
**IČO (Company No.) 65990471**  
Nad Elektrárnou 411  
106 00 PRAHA 10

# **2006 Annual Report**



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## 1. Basic Characteristics of the Association

The NIX.CZ, z.s.p.o. Association was founded in 1996 and on 1 October 1996 it was entered into the Register of Professional Associations of Legal Entities kept by the Department of Internal Affairs of the City District Office in Prague 6 under reg. no. ZS/25/5/96.

The relevant Register was changed in 2003, and since that time NIX.CZ z.s.p.o. has been entered in the Register of Professional Associations of Legal Entities kept by the Department of Civil-Administration Agenda of the Capital City of Prague Magistrate.

The Association's registered address and contact data in 2006 were:

Registered address: Nad Elektrárnou 411, 106 00 Praha 10

IČ (Company No.): 65990471

DIČ (Tax Reg. No.): CZ65990471

Telephone: +420 267 198 350

Fax: +420 267 198 349

e-mail: [info@nix.cz](mailto:info@nix.cz)

URL: <http://www.nix.cz>

The Association operates interconnection points at the following localities:

NIX1

České Radiokomunikace

Mahlerovy sady 1

Prague 3

NIX2

GTS Telehouse

Vinohradská 190

Prague 3

NIX3

Pragonet Telehouse

5. května 65

Prague 4

NIX4

SITEL Telehouse

Nad Elektrárnou 411

Prague 10

**Membership changes in 2006****New members**

<b>Name</b>	<b>Member since</b>
COOLHOUSING s.r.o. (a former customer)	10.3.2006
MAXPROGRES, s.r.o	1.7.2006
OVANET, a.s.	1.8.2006
ČEZnet, a. s.	1.9.2006

**Terminated membership**

<b>Name</b>	<b>Member until</b>
Contactel / GTS Novera Contact, s.r.o.	1.7.2006
Eurotel Praha, spol. s r.o. (změna na zákazníka)	30.6.2006
GTS Novera Next, s.r.o.	1.7.2006

**New customers**

<b>Name</b>	<b>Customer since</b>
DAT, s.r.o.	15.2.2006
SuperNetwork, s.r.o.	7.3.2006
CET 21 s.r.o.	2.11.2006
OXID Networks, s.r.o.	29.11.2006
MIRAMO spol. s r. o.	11.12.2006
Telefónica O2 – Eurotel (změna z člena)	1.7.2006
DNS.BE vzw/asbl (DNS)	5.1.2006
EURid vzw/asbl (DNS)	12.1.2006
NIC.AT (DNS)	20.7.2006

**Terminated customer relationship**

<b>Name</b>	<b>Customer until</b>
COOLHOUSING s.r.o (změna na člena)	10.3.2006
Interoute UK	31.3.2006
TELE2 SWEDEN AB	31.12.2006


**List of customers as of 31.12.2006**

<b>Name</b>	<b>Company ID</b>
CET 21 s.r.o.	45800456
CZ.NIC, z.s.p.o.	67985726
CZ.NIC, z.s.p.o. - projekt F-ROOT	67985726
DAT, s.r.o.	25521233
DNS.BE vzw/asbl (DNS)	
EURid vzw/asbl (DNS)	
Karneval Media s.r.o.	18383891
LambdaNet Communication s.r.o.	26201691
NetCologne GmbH	
Oxid network, s.r.o.	26890950
NIC.AT (DNS)	
Plus.line AG	
PODA s.r.o.	25816179
Tele2UTA Telecommunication GmbH	
Telefonica O2 – Eurotel	60193336
Unient Communication, a.s	63078171

**Members as of 31.12.2006**

<b>Name</b>	<b>Company ID</b>
ACTIVE 24, s.r.o.	25115804
AT&T Czech Republic s.r.o.	25785435
BroadNet Czech, a.s.	26201224
BT Limited, organizační složka	70802025
Casablanca INT s.r.o.	25079832
CentroNet, a.s.	26165473
CESNET, z.s.p.o.	63839172
CL-NET s.r.o.	25011022
COOLHOUSING s.r.o.	14893983
Czech On Line a.s.	63080150
ČD-Telematika a.s.	61459445
ČEZnet, a.s.	26470411
Dial Telecom a.s.	25135198
Equant Czech Republic, s.r.o.	49620037
ETEL s.r.o.	25630636
Freebone, s.r.o.	25503286
GiTy, a.s.	25302400
GREPA Networks s.r.o.	25492900
GTS NOVERA a.s.	61058904
ha-vel internet s.r.o.	25354973
IGNUM, s.r.o.	26159708
INTERNET CZ, a.s.	26043319
INTERNEXT 2000, s.r.o.	25352288
Interoute Czech, s.r.o.	26147653
Ipex a.s.	45021295
Master Internet, s.r.o.	26277557
MAXPROGRES, s.r.o.	25307126
MGI.CZ s.r.o.	26220318
Mopos Communications, a.s.	26222396
net4net, a.s.	26152436
NETWAY.CZ, s.r.o.	26421046
OVANET, a.s.	25857568



RADIOKOMUNIKACE, a.s.	26705036
SELFservis spol. s r.o.	18826016
SkyNet, a.s.	25346687
Sloane Park Property Trust, a.s.	25036459
SMART Comp. A.s.	25517767
T-Mobile Czech Republic a.s.	64949681
T-Systém Pragonet, a.s.	61059382
Telefónica O2 Czech Republic, a.s.	60193336
TERMS a.s.	14499037
TISCALI Telekomunikace Česká republika s.r.o.	64788610
TRIOPTIMUM s.r.o.	25722492
UPC Česká republika, a.s.	00562262
Verizon Czech s.r.o.	26174081
Vodafone Czech Republic a.s.	25788001
WIA s.r.o.	26703297

The total number of NIX.CZ members at the end of 2006 was 47.

The total number of NIX.CZ customers at the end of 2006 was 15.

## 2. Mission of the Association

### Activities of the Association

NIX.CZ, z.s.p.o. is a professional association of legal entities; its members are important ISPs active within the Czech Republic. The Association's task is to ensure the operation of a Neutral Internet Exchange (peering) node which enables the mutual interconnection of individual members' Internet networks (peering). Another subject of the Association's activities is protection of the common interests of ISPs in the Czech Republic.

## 3. Statutory Bodies in 2006

### Board of Directors

In 2006, the Board of Directors consisted of:

1.1.2006 – 31.12.2006	Mgr. Josef Chomyn (Chairman) Mgr. Ondřej Filip (Member) Milan Švácha (Member)



### Supervisory Board

In the entire year 2006, the Supervisory Board consisted of:

1.1.2006 – 31.12.2006	Radek Majer (Chairman) Mgr. Karel Taft (Member) Ing. Michael Macek (Member)
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## 4. Employees

As of 31.12.2006, the Association has three full-time employees: Director and two Technical Specialists.

The Director organises and manages the Association's operational matters and coordinates internal and external communications. Further, in cooperation with the Board of Directors, s/he prepares development, concepts and source information for voting by members (on the Association's intranet), specifically for the purposes of the acceptance of new members and customers, and of principal amendments to the organisation of the NIX Association.

The Technical Specialists primarily look after technical, operational and development matters. They also participate in the administrative matters of the Association.

## 5. Balance Sheet

(in thousands CZK)

As of the last day of the year	2001	2002	2003	2004	2005	2006
<b>TOTAL ASSETS</b>	<b>2 191</b>	<b>3 247</b>	<b>4 626</b>	<b>6 698</b>	<b>9666</b>	<b>15950</b>
Fixed assets	926	2 323	3 107	2 408	3035	5172
Intangible assets – gross	0	9	17	25	25	25
Adjustment to intangible assets	0	-9	-17	-25	-25	-25
Tangible assets	983	3 996	6 177	6 648	8031	10989
Adjustment to tangible assets	-607	-1 673	-3 070	-4 240	-4996	-5817
Investments in progress	550	0	0	0	0	0
Financial investments	0	0	0	0	0	0
Current assets	1 265	923	1 519	3 695	6234	10392
Inventory	0	0	0	0	0	0
Long-term receivables	0	0	0	0	0	0
Short-term receivables	857	304	430	3 002	3687	4620
Financial accounts	408	619	1 089	693	2547	5772
Other assets	0	1	0	595	397	386
<b>TOTAL CAPITAL &amp; LIABILITIES</b>	<b>2 191</b>	<b>3 247</b>	<b>4 626</b>	<b>6 698</b>	<b>9666</b>	<b>15950</b>
Own resources	1 277	2 025	3 325	5 149	8453	13619
Capital	0	0	0	0	0	0
Retained earnings	1 274	1 277	2 025	3 325	5149	8453



Profit and loss of current accounting period	-447	748	1 300	1 824	3304	5166
Liabilities – outside resources	914	1 222	1 301	1 549	1213	2331
Reserve	0	0	0	0	0	0
Long-term liabilities	41	47	7	7	7	7
Short-term liabilities	873	1 175	1 294	1 542	1206	2324
Bank loans	0	0	0	0	0	0
Other liabilities	0	0	0	0	0	0

## 6. Profit and Loss Account

(in thousands CZK)

For year	2001	2002	2003	2004	2005	2006
<b>Performance – sale of services</b>	<b>1 680</b>	<b>4 357</b>	<b>6 753</b>	<b>9 150</b>	<b>12976</b>	<b>17827</b>
out of which: Sale of services	1 680	4 357	6 753	9 150	12976	17827
Change in inventory	0	0	0	0	0	0
Activation	0	0	0	0	0	0
<b>Production consumption</b>	<b>1 769</b>	<b>1 808</b>	<b>3 036</b>	<b>3 637</b>	<b>4890</b>	<b>5752</b>
out of which: materials, small-scale assets and energy supply	81	424	811	705	545	600
purchased services	1 688	1 384	2 225	2 932	4345	5152
<b>VALUE ADDED</b>	<b>-89</b>	<b>2 549</b>	<b>3 717</b>	<b>5 513</b>	<b>8086</b>	<b>12075</b>
<b>Staff costs</b>	<b>360</b>	<b>1 381</b>	<b>1 493</b>	<b>1 829</b>	<b>2468</b>	<b>3925</b>
out of which: Employees	0	841	830	1 109	1748	3205
Remuneration of statutory body members	360	540	663	720	720	720
Taxes and fees	0	4	12	6	3	6
<b>Depreciation of fixed assets</b>	<b>272</b>	<b>727</b>	<b>1 002</b>	<b>1 307</b>	<b>1432</b>	<b>1734</b>
Revenues from sales of fixed assets	23	11	39	37	149	0
Net book value of fixed assets sold	0	0	27	130	121	0
Other operating revenues	0	0	0	1	3	13
Other operating expenses	8	9	37	13	135	49
Financial revenues (interest)	9	3	2	2	2	8
Membership fees	250	450	450	100	150	150
<b>Profit (loss) before taxation</b>	<b>-447</b>	<b>892</b>	<b>1 637</b>	<b>2 368</b>	<b>4231</b>	<b>6532</b>
Income tax	0	144	337	544	927	1366
<b>Profit (loss) after taxation</b>	<b>-447</b>	<b>748</b>	<b>1300</b>	<b>1 824</b>	<b>3304</b>	<b>5166</b>

## 7. Association Activities in 2006

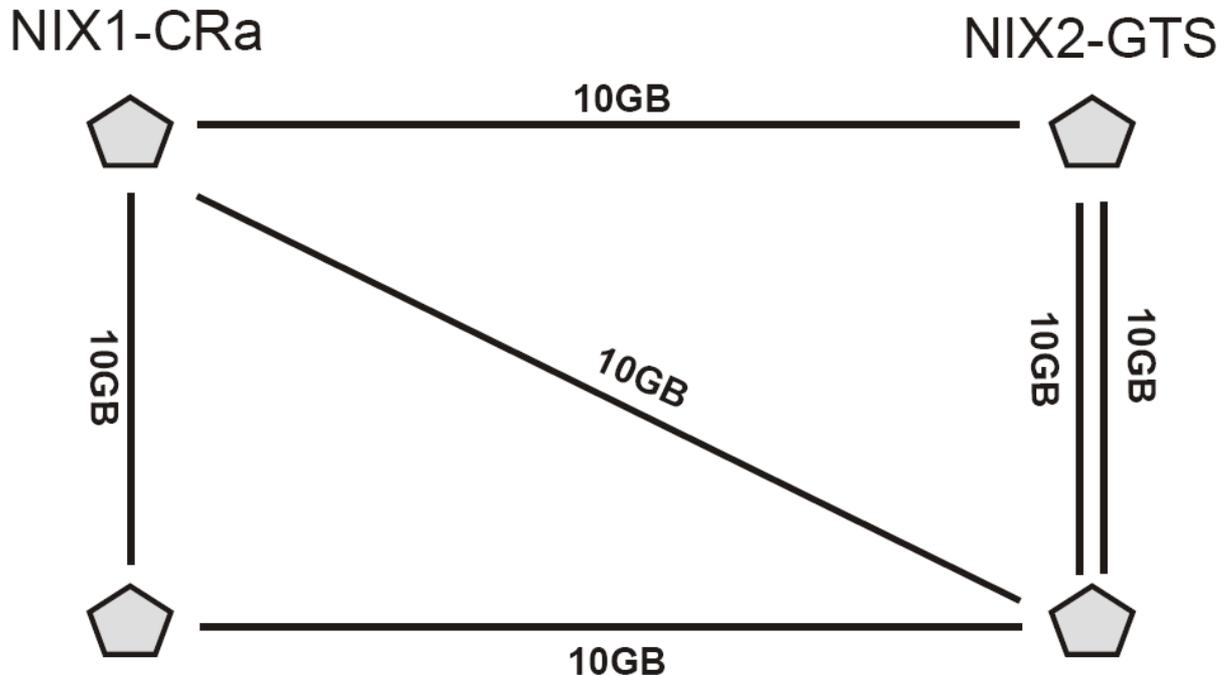
### Technical solution

The total amount of aggregated data traffic transmitted by the interconnection nodes of the Association exceeded 20 Gbps in December 2006, which represents 100% increase compared to the previous year.



The capacity of backbone interconnections between nodes NIX1-NIX4 has been increased to 20 Gbps; the connection between nodes NIX3-NIX1 and NIX3-NIX4 has been increased to 10 Gbps.

The following diagram shows the infrastructure as of the end of 2006.



The backbone platform remains a series of CISCO 6500 switches. In all nodes, connection lines with a throughput capacity of up to 10 Gbps are supported.

The NIX.CZ interconnection technology remains on the link layer (Ethernet). The Association operates its 6881 autonomous system on the CISCO 7300 platform.

The Association continues to enable its members and customers to be interconnected using the IPv6 protocol. This connection is implemented within the same VLAN as IPv4; this fact enables the members and customers to operate routers and interfaces in a double protocol buffer mode. As of the end of 2006, 13 IPv6 networks have been interconnected, which is stagnation with respect to 2005 (12 networks).

The first secondary domain servers for the .EU and .BE TLDs were put into operation in the premises of NIX.CZ in April 2006 followed by a server for the .AT domain in September 2006.

In 2006, the Association was further improving its own system for infrastructure monitoring, developed in 2003; it is predominantly used for diagnostics of interconnection problems, and for the monitoring of operational discipline.



In December 2006 the Association approved an amended text of the Statutes enabling easier admission of new members.

### Association's Public Relations

In 2006 the Association continued in focussing on two areas in public relations: The first area is concerned with informing the professional public about the Association's activities on the Czech market. The main communication channels for that purpose were the Association's website and press releases.

In 2006, the Association organised two informal meetings of its members.

The second one was aimed at informing foreign ISPs about the Association's activities and persuading such subjects to use the Association's services. The main communication channels for that purpose were the Association's website, and also updated presentations at RIPE conferences in the EIX-WG workgroup and at Euro-IX meetings

## **8. Strategic Goals for 2007**

In 2007, the Board of Directors and the Association Director will work in the following areas in addition to the normal operational issues:

- 
- Amendments to the Operating Rules
- Security of NIX nodes, access, technology backup
- New members and customers attracting
- Outlook for future technology and investment strategy in 2008
- Cooperation with other IX associations, specifically, sharing know-how and technology
- Active participation in EURO-IX
- Cooperation with important associations active in the field of the Internet in the Czech Republic
- Cooperation with international organisations active in the field of the Internet
- Continuous growth of the professionalism of the Association, support from new personnel, and enhancement of the internal know-how
- Organizing of social gatherings and events