

Celebrate 10th anniversary

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Ukrainian Internet Exchange Point is the daughter company of Ukrainian Internet Association was established in July 2000



Unique RULES
Rapid and continuous DEVELOPMENT
Low PRICE and TCO

3 KEYS TO SUCCESS

RULES

- Mandatory peering with two Cisco based route-servers (RS)
- Strong L2-L4 security
 - (1 MAC per port, prefix based BGP filters, etc)
- Strict syntax compliance of all records in RIPE database
- All networks of member's AS must me announced
- •All networks from RS must be received
- Private peering prohibited!
- IP Transit prohibited only local traffic exchange
- Key rule everything for everyone!

RULES

UA-IX is non-profit community service. Members society open for all.

Because newcomer will got 100% of all networks immediately, holders of this networks could vote for pretender.

Need to get 50% positive votes to became membership. Only a few was refused.

One time agreement. No need to negotiate agreements with every potential peering partner every day.

EASY TO CONNECT

3 point of presence in 3 datacenters: L9x2- like M9 - 450 meters to MGTS (10 years ago was a Mecca for ISP) G50 - near railroad (huge fiber plexus)

All national operators not just connected but have colocated equipment near. L2 transport from any city in Ukraine to UA-IX is available. 30% of all connected ports belong to members located outside of Kiev:

Nationwide

- 18 ports

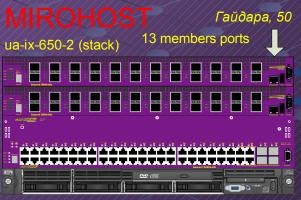
Regional

- 19 ports

Kiev

- 87 ports

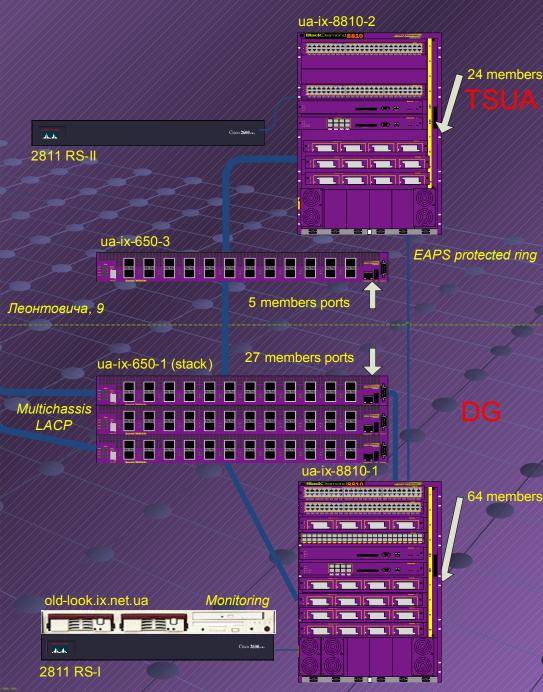




look.ix.net.ua *Management* HP DL360G6

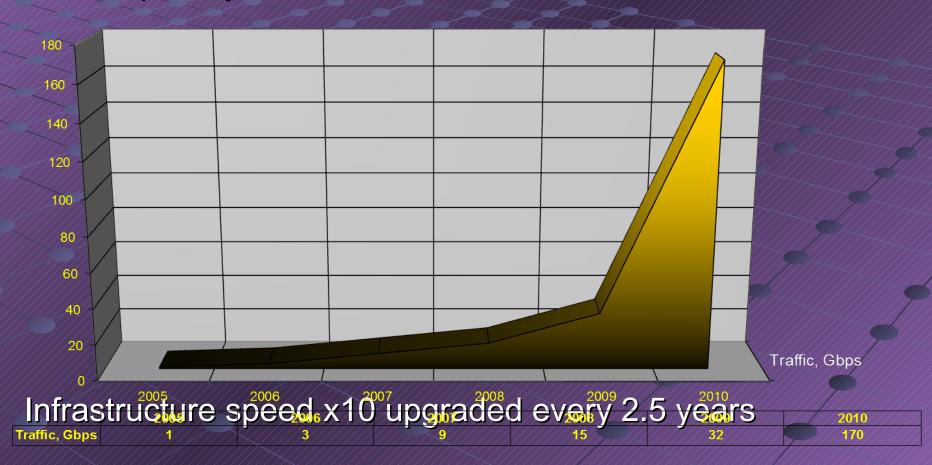
Total: 133 members ports

10GE fiber = 63 1GE copper = 51 1GE fiber = 10 100M FE = 9 Nx1GE(LACP) = 2 Nx10GE = 6

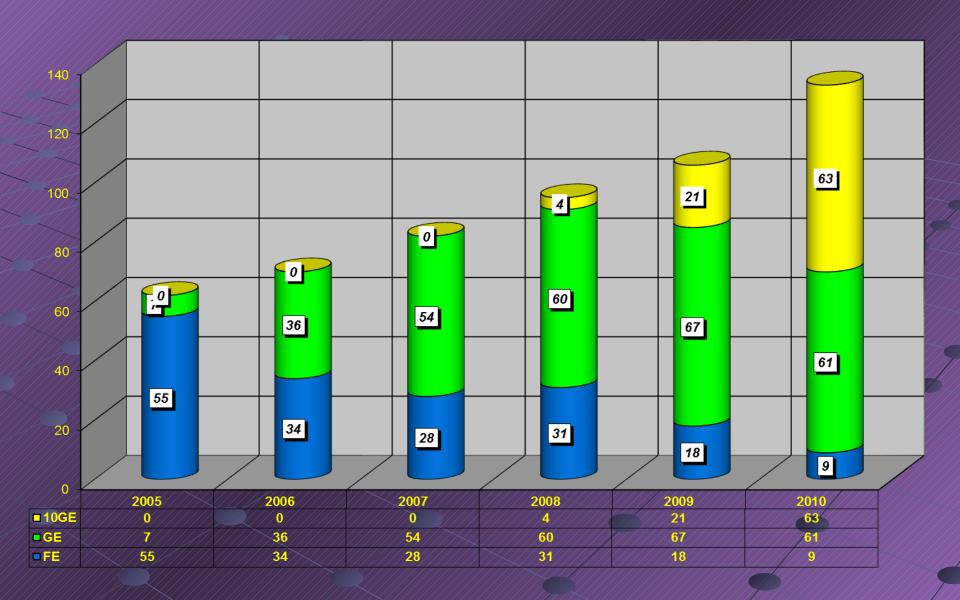


DEVELOPMENT

Aggregated bandwidth grow 3 times per year 9 times per 2 years



Quantity of UA-IX members ports



2010 monthly fees (surprise PRICE)

	UA-IX	PLIX	MSK	LINX	AMS-IX	DE-CIX
100M	€123		€295	€342		€350
1G	€123	€253	€707	€551	€500	€750
10G	€123	€1011	€2121	€1647	€1750	€2650

UA-IX 10GE pricing cheaper then FE of other European IXes It's one of the reason for FREE Ukrainian traffic phenomenalism.

The same expansive equipment used at LINX - London, CIXP - Geneva, FICIX - Helsinki.

^{* -} currency exchange to Euro calculated by Bloomberg calculator 30/09/2010

Exclusive features

Cheap copper 1000baseT start from 2005 10->100->1000baseT transition free of charge

10-1000-10000 - one €123 monthly fee

Cheap SFP+ 10GE start from January 2009 (old expensive XFP prohibited in 2010)

100GE planned to be available in 2011 Latest technologies applied ASAP

How to reduce TCO

Maintain only 2 BGP peering with RS and got all.

Pay just 1 euro cent per 1Mbps (10GE case)

Use latest technologies: copper Ethernet, 10GE passive SFP+, 100GE, etc...

Just connect to UA-IX;)

Already available at UA-IX

Andex

компания

Новости Технологии и продукты

Yandex

Яндекс стал украинским сайтом

Интернет, 12 апреля 2006 года. С сегодняшнего дня вся украинская аудитория интернета заходит на Яндекс «напрямую». Взаимодействие украинских пользователей со службами Яндекса происходит полностью внутри украинского сегмента Сети и по внутренним тарифам. Для этого Яндекс установил сво серверное оборудование в украинской точке обмена трафиком UA-IX в Киеве.



Google

(via TopNet)

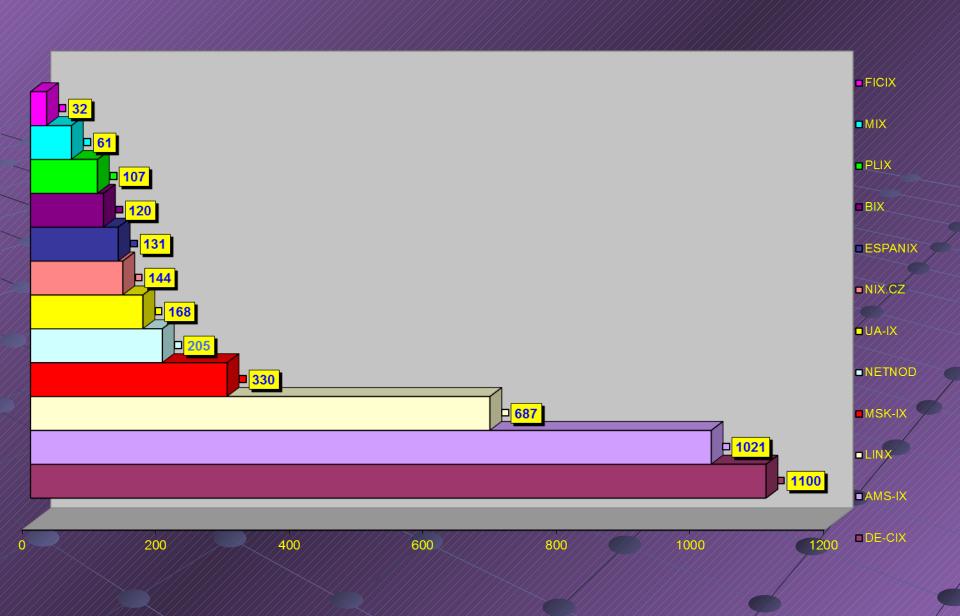
The Pirate Bay (via Farlep)



Voting in progress InterFiber (AS48268) NIX.CZ BALKAN Internet Exchange (Bulgaria & Romania) thinking

CONCLUSION

Aggregated bandwidth 30.09.2010, Gbps



Своевременное создание некоммерческой точки обмена трафиком послужило отправной точкой для развития Интернет отрасли в Украине.

Среди всех стран бывшего СССР повезло только Москве и Киеву. Как правило, в других государствах «обмен трафиком» осуществляется под чутким контролем со стороны государственного оператора – монополиста.

Соответственно, лидерами по темпам роста в мире являются Россия и Украина, позволяя не только стремительно развивать рынок Интернет-услуг, но и повышать уровень благосостояния государства в целом.



Thank You!

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