



German Internet Exchange

DE-CIX –

German Internet Exchange

Update Q1/ 2010

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PLNOG 4

March 2010

NUMBERS_1:

900 Gbps peak
throughput

Doubled Traffic last 12
months

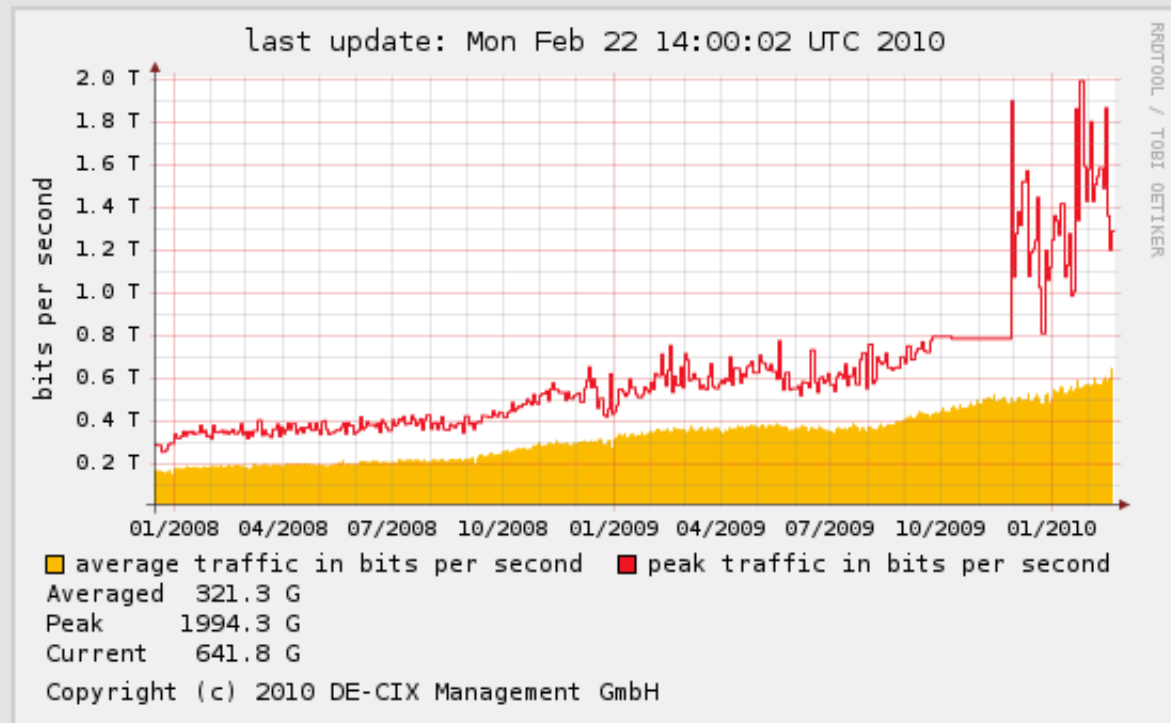
336 members from 40+
countries

281 x 10GE ports

189 x 1GE ports

still 48 x FE* ports

*no longer on sale

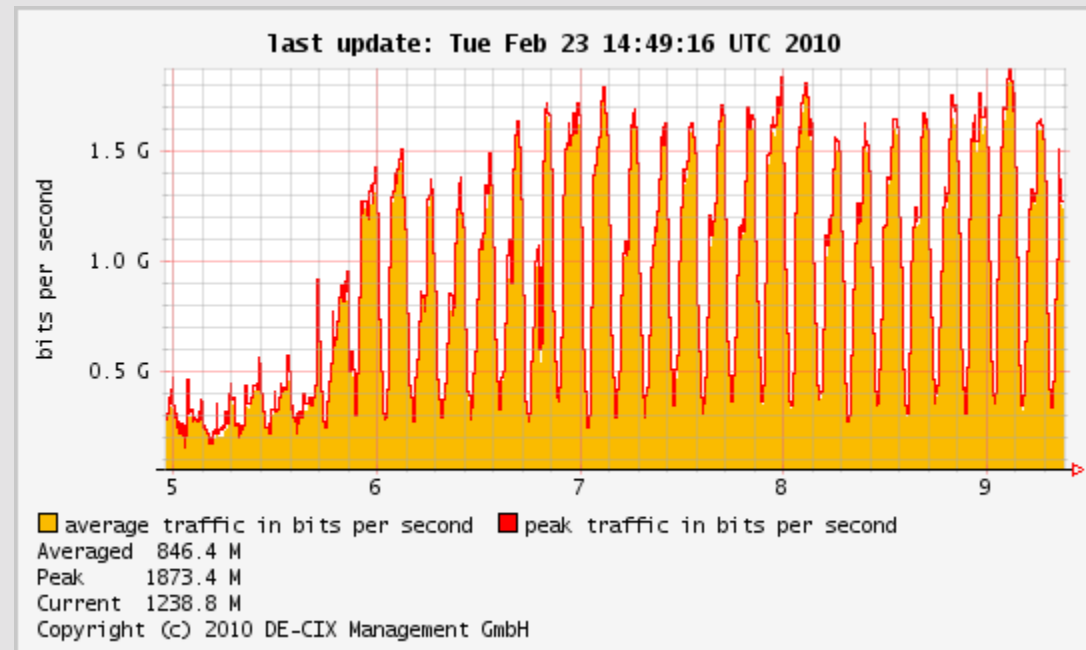


NUMBERS_2:

IPv6 monthly graph

Heavily increasing traffic

Nearly 200 IPv6
customers



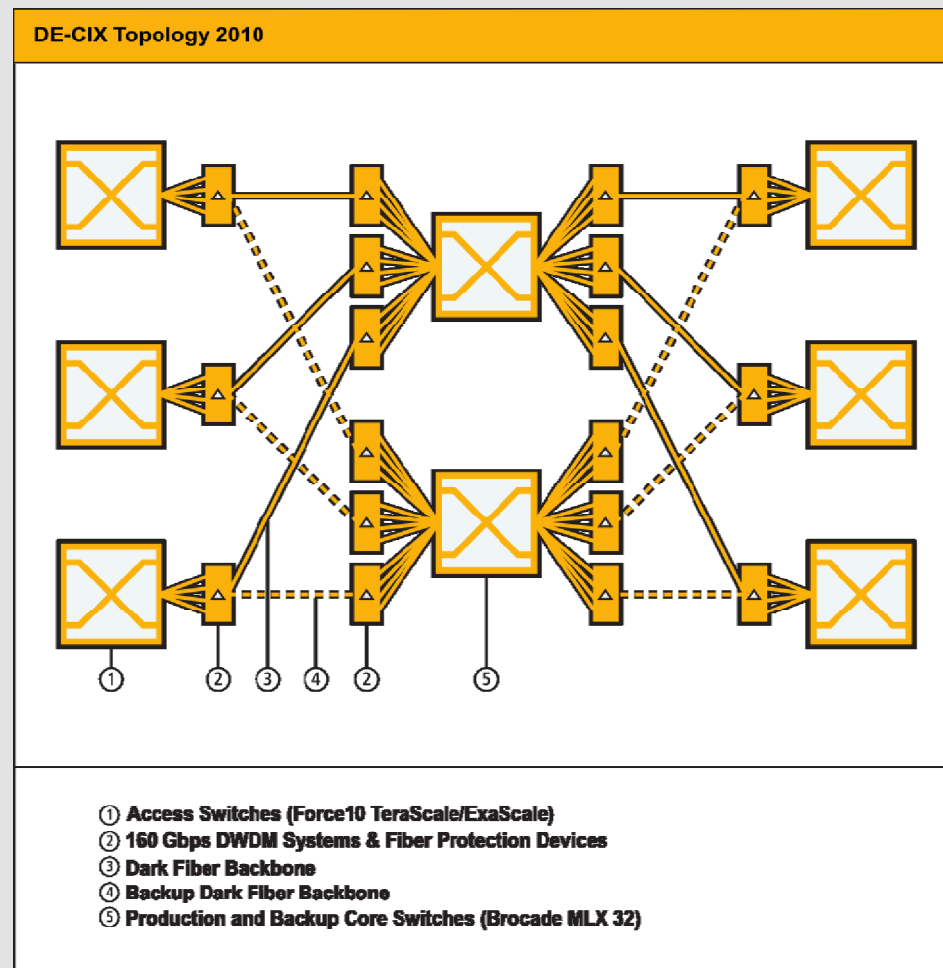
PLATFORM:

Edge: 9 x F10 TeraScale (56), 3 x F10 ExaScale (140)

Core: 2 x Brocade MLX32,

611 x 10GE ports operational,
currently 12 „DE-CIX“ enabled sites,

one more „one-stop-shop“ site operational/ FRA5



DE-CIX Routerserver evolution

<http://hoofprints.de-cix.net/>

-- Quagga: not stable
Takes 15 minutes to load configuration
Looses connections under heavy load

+ - OpenBGPd: extra BGP session handling thread.

Bad news: filter performance isn't fast enough to handle prefix filtering in acceptable time interval in the DE-CIX environment.

++ Bird: best in class currently. Is active on rs1.de-cix.net since 2010-02-24. Filter performance is very good. Currently scaling looks very promising.

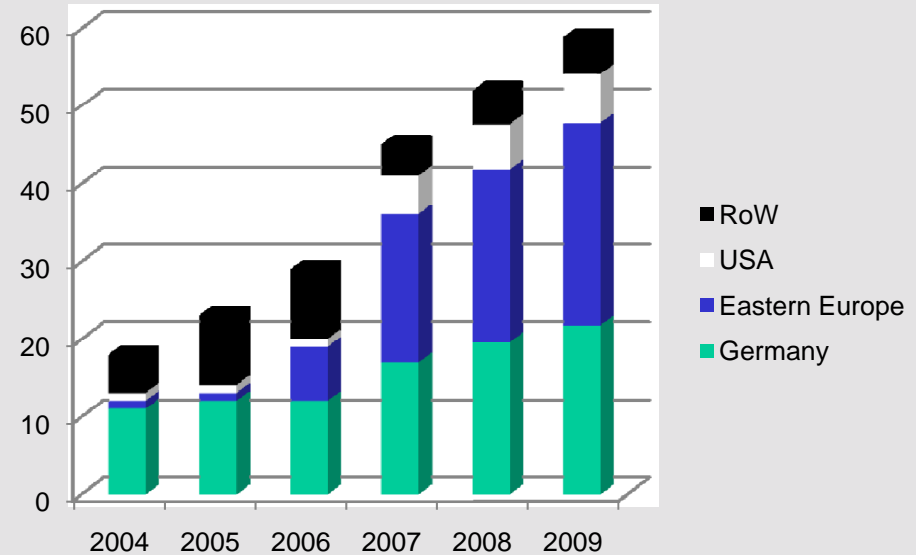


German Internet Exchange

FOCUS:

Bring in „unique“ Peers especially from emerging markets in Eastern Europe.

Promote the role of Frankfurt as a Telecommunications hub.



FOCUS regional:

CEE – Central Eastern Europe

Balkans

New: Asia

Still: Germany, US, RoE



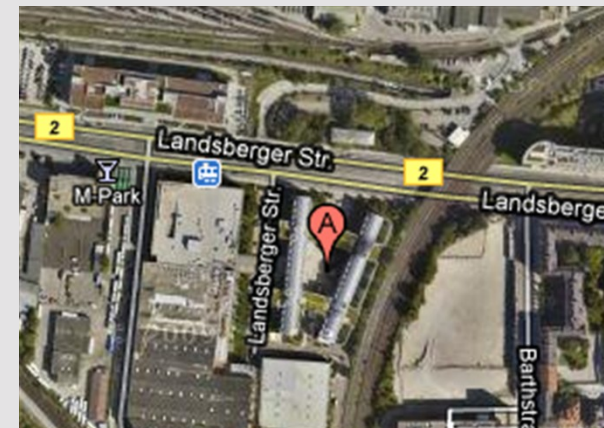
VALUE:

Latest pricing makes DE-CIX more attractive for Small & Medium networks

Product	Access speed Gbps	MRC eco- members EUR	MRC non-eco EUR
1GE Fractional *	0,2	200	350
1GE line rate	1,0	500	750
10GE Fractional	2,5	1200	1450
10GE line rate	10,0	2300	2650

Extension:

Latest regional DE-CIX extension in Munich, ALP-IX2 @ Landsbergerstr. 155 ports free of charge for 6 months



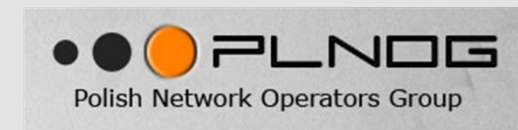
Events hosted by DE-CIX, 1st half 2010

- 2 March: Executive Carrier Breakfast, FFM
- 3 March: Roundtable Warsaw, PL
- 25 March: Roundtable ALP-IX, MUC
- 12-17 April: GPF5, Miami
- 20-21 May: IPv6 Congress, FFM



Events to meet DE-CIX – Staff, 1st half 2010

- 4-5 March: PLNOG 4, Warsaw
- 12-13 April: CAP Balkans, Bucarest
- 23 April: SWINOG, Bern
- 28-29 April: Caspian Telecoms, Istanbul
- 3-7 May: RIPE 60, Prag



Or just visit us in Frankfurt.
We will buy you Lunch 😊

If you decide to join before
End of Q1/ 2010 the first
month of service will be free
and we will buy you Lunch &
Dinner 😊

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