



Deutscher Commercial Internet Exchange

DE-CIX Internet Exchange

Frank P. Orlowski
Director

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

04 April 2007



What's DE-CIX doing ?

- As an Internet Exchange (IX) we facilitate the bilateral settlement-free Exchange of Internet traffic (Peering)
- We facilitate social networking between Providers (Global Peering Forum, European Peering Forum)
- Turnkey IX solutions and operation of other IX's

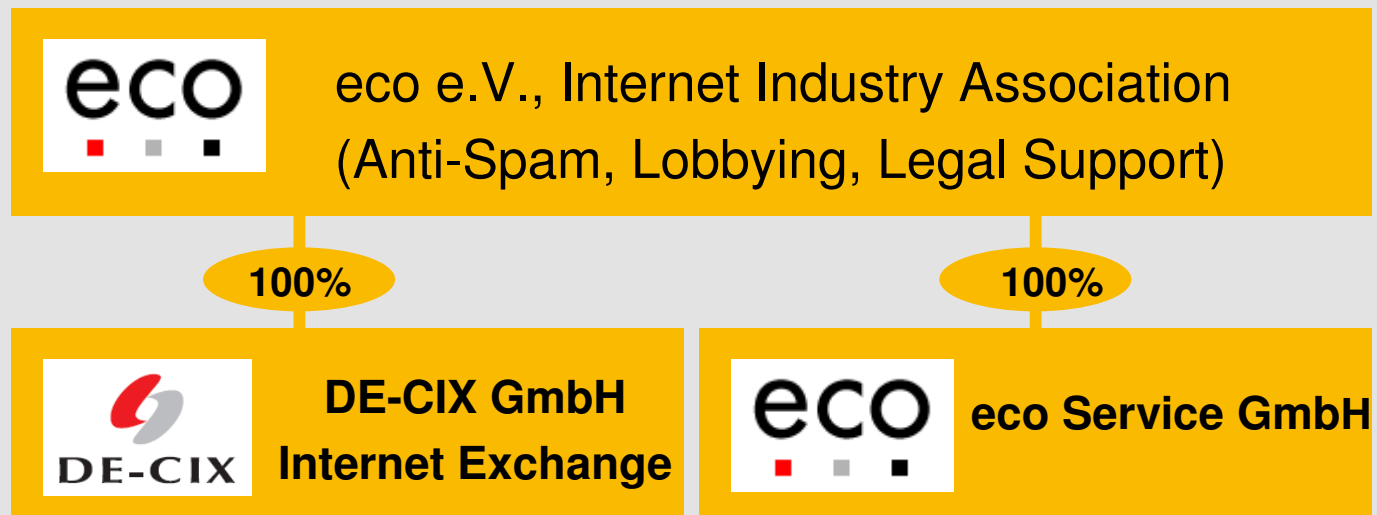
About DE-CIX

- Largest Internet Exchange (Peering Point) in Germany
- 2nd/3rd largest Internet Exchange in the world
- Frankfurt based company plus office in Cologne
- Each staff member has at least 10 yrs Internet experience
- Portfolio includes full range of interconnect products
- Products for small-medium and large ISPs

About DE-CIX: Why Frankfurt ?

- Frankfurt/Rhine-Main is Germany's 2nd largest urban area with a population of 5+ million
- Financial, logistic and telecommunications capital of Germany
- 10 colo operators with 200,000 square meters of space (good news: both space and power is available)
- Biggest hub for Voice and IP traffic in Central Europe
- Single sites have 250+ carriers / ISPs connected

About DE-CIX: Shareholder

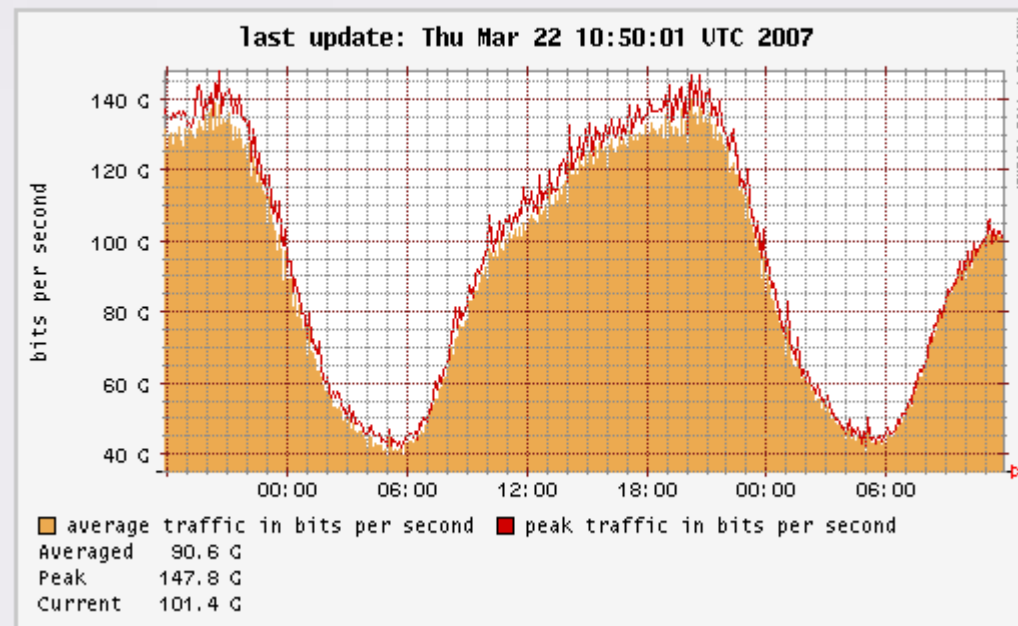


What happened over the last 12 month ?

	04/2006	04/2007	04/2008 (Plan)
– # Customers	170	200	250
– # Colos served	5	9	9
– # switches	3 C6509	4 E1200	?
– # Ports (total)	260	332	380
– # 10GE ports	~ 15	87	160
– Peak Traffic	60Gbps	148Gbps	300Gbps

Traffic

Daily Graph (42h)



DE-CIX Services

A compact range of services that meets the interconnect requirements for peering and IP transit of all Internet Service Providers:

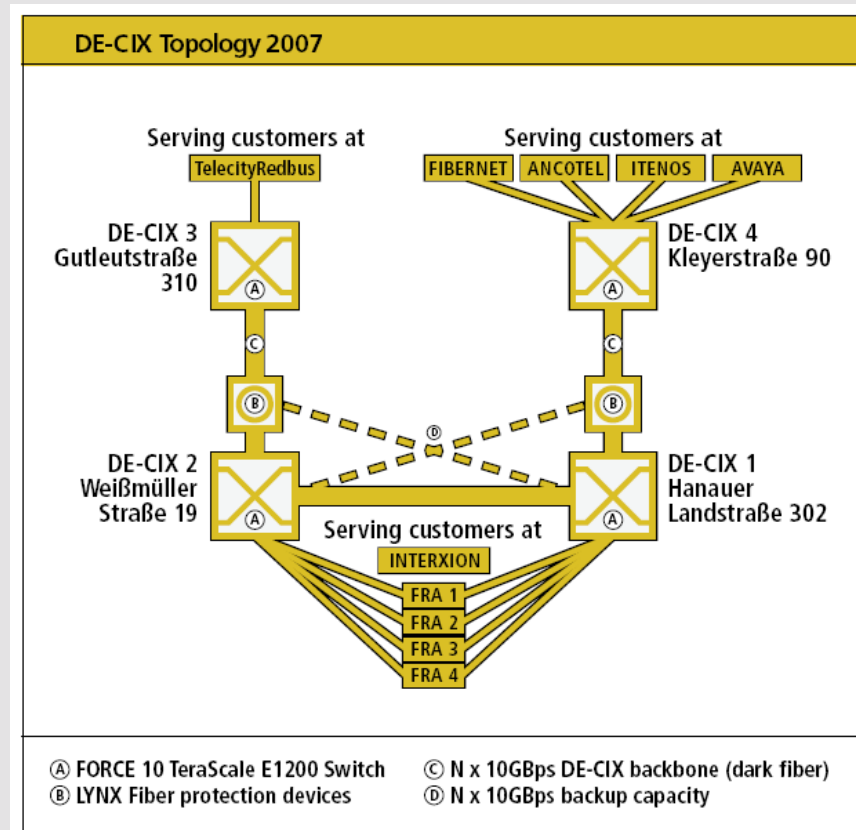
- Public peering (IPv4 / IPv6 / Multicast)
- Private peering VLAN
- Private interconnects
- Router/Switch colocation

DE-CIX Services: Public Peering ctd.

- Force 10 „E1200“ state-of-the-art switches
- Up to 224 x 10GE ports per chassis or
- Up to 1260 x 1GE ports per Chassis



Topology



Locations



DE-CIX Target Markets

- DE-CIX is focussed on acting as the gateway between Central and Eastern Europe and the rest of the world.
- 95+ percent of German providers and most of the larger providers from Western Europe and North America are already connected.
- Because of this DE-CIX is now primarily addressing providers from Eastern Europe. Broadband penetration is growing fast in many parts of Eastern Europe.
- This unique profile does motivate ISP's from other parts of the world to show up in Frankfurt and peer.

Outlook 2007

- Implementation of „myDE-CIX“ portal (incl. sflow)
- Implementation of RT and ERAMON
- Expansion of the DE-CIX Competence Center (Force 10 Germany and Fastlane will move in)
- Hamburg based work-ix

Upcoming Events April/May 2007

- 18 April, DE-CIX organisational Meeting (CC FRA)
- 19 April, DE-CIX tech meeting (Kransberg Castle)
- 20 April, RIPE LIR Training (CC FRA)
- 23-27 April, Fastlane / DE-CIX BGP WS
- 23-34 April, Capacity Balkans
- 7-11 May, RIPE Mtg, Tallinn
- 21-25 May, Fastlane / DE-CIX MPLS WS
- **Last but no least: European Peering Forum. November 2007 in Barcelona, (visit www.peering-forum.eu in Summer for more info)**

The 1st ever EPF



Thanks !

Frank.Orlowski@de-cix.net

DE-CIX Competence Center
Lindleystrasse 12
60314 Frankfurt/Germany

Phone +49 69 4035 4949
Info@de-cix.net



DE-CIX Competence Center @ Kontorhaus Building
Frankfurt Osthafen (Docklands)