

→ **Welcome to the July release of the DE-CIX Newsletter!**

Among other topics, in this newsletter we invite you to DE-CIX's upcoming 15 Year Anniversary Celebration, the first DE-CIX Customer Summit, the European Peering Forum in fall, and introduce Croatian Telecom as one of our latest customers from the Balkan region.

→ **Invitation: 15 Year Anniversary Celebration & Party on August 30<sup>th</sup>, 2010**

On August 30<sup>th</sup>, 2010, DE-CIX will celebrate its 15<sup>th</sup> anniversary in Frankfurt. The keynote is given by RIPE Chairman Rob Blokzijl, and welcome notes will be given by Harald Summa, (DE-CIX CEO), Markus Frank (Deputy Mayor, Head of the Department of Economy, Human Resources and Sports), Job Witteman (AMS-IX CEO), Prof. Michael Rotert (Chairman, eco Association), and Gert Döring (SpaceNet).

Presentations on the history of DE-CIX, the development of the Internet in Germany, and on the current status of the Internet infrastructure development will be given, too.

**And don't miss out on the DE-CIX 15 Year Anniversary Party in the evening!**

The event starts at 14:00 and participation is free of charge for all representatives of carriers and ISPs and the Frankfurt "Carrier Stammtisch" crowd.

If you would like to join us for the afternoon sessions and the big party, please take a look at the official invitation and agenda:

<http://www.de-cix.net/downloads/decix15yr.pdf>

If you would like to attend, you will have to register. You'll find the registration link at the end of the agenda pdf.



→ **DE-CIX Customer Summit on August 31<sup>st</sup>, 2010.**

Combined with the 15 Year DE-CIX Anniversary and Party, the first DE-CIX Customer Summit will take place on August 31st, 2010 in Frankfurt.

Meet peers, Internet pioneers, and some of the movers and shakers in the peering environment. Develop an international network of peers and key players in the Internet community. Representatives from Akamai, AT&T, Colt, Deutsche Telekom, euNetworks, Global Crossing, Level3, TATA, Telenor, Telia, Tinet, Verizon, Versatel, Vodafone, and many other fine DE-CIX customers have already registered for this event.

The Customer Summit meeting consists of a technical track, a peering track and the peering personals.

Join us for many interesting presentations including Bill Norton's "A Business Case for Peering," Florian Obser's "IPv6 Peering Expansion," and Aaron Hughes' presentation and live demo of an open source tool to automate peering management and configuration.

**Attendance for day 2 is limited to DE-CIX customers, prospects, and VIPs only.**

If you would like to attend, please see the agenda and don't forget to register:

<http://www.de-cix.net/downloads/decix15yr.pdf>

In addition you may schedule a one-on-one meeting with DE-CIX's engineering, support or business development staff to discuss all your peering related topics of choice!

**→ Additional Core Switch Operational**

On June 26<sup>th</sup>, a new Brocade MLX32 core switch was implemented at the DE-CIX6 site and was moved into production on June 30<sup>th</sup>. Both core switches, core01-a, and core01-b, have a combined capacity of 512 line rate 10 GE ports. The second core switching site, core02, will be installed on July 27<sup>th</sup> and will go live on July 30<sup>th</sup>.

All access switches are connected to both core switching sites. In case of an outage of one of the core switches or a backbone circuit, a failover to the other site will only take milliseconds. This means that even if a major failure would occur, customers would not notice any outage.

Daniel Melzer, Thomas Kehlenbach and Bernhard Hahn are the members of the engineering team responsible for the core expansion. If you have questions about our expansion, please feel free to contact us at [engineering@de-cix.net](mailto:engineering@de-cix.net)



One of two core switching sites at DE-CIX.  
The MLX-32's provide up to 512 line rate 10GE ports

**→ Register for the European Peering Forum No.5**

Once again, DE-CIX will co-host the European Peering Forum. The fifth edition of the meeting will take place in Cannes, France, from Monday the 20<sup>th</sup> to Wednesday the 22<sup>nd</sup> of September 2010.

We would like to invite all our customers to register for this unique event! We extend our appreciation to all of our sponsors who make this event possible, in particular the gold and silver sponsors for this event - Equinix, Brocade, and Interxion.

This industry event is important for the European Internet community and it brings together over 200 peering coordinators from the respective customer organisations of the exchanges. The content presented during the three day conference will cover a range of peering topics from strategy and technological developments to the operational aspects of peering and network management.

As space is limited, registrations will be accepted on a first-come first-served basis, so we encourage everyone to register as soon as possible! (To ensure that the maximum number of organisations are able to attend the forum, we will restrict the event to two attendees per ASN from peering related occupations)

Registration is now open and you'll find all details for the event, agenda, venues and hotels, including how to register at:

<http://www.peering-forum.eu/>



Stefan Funke, Senior System Engineer

### → New Team Member: Stefan Funke

Stefan joined DE-CIX as a Senior Systems Engineer on July 15<sup>th</sup>, 2010. He has 10 years experience in systems engineering, operation and design of server and storage environments for internal and external clients. Prior to joining DE-CIX, he was a Systems Engineer at Arcor and NetApp. You can reach Stefan via email at [stefan.funke@de-cix.net](mailto:stefan.funke@de-cix.net)



### → New Customer: Croatian Telekom (T-HT Group)

Croatian Telekom (T-HT Group) is the leading provider of telecommunications services in Croatia and the only company to offer the full range of telecommunication services.

The company is a joint stock company in the majority ownership of Deutsche Telekom AG. It was founded on December 28<sup>th</sup>, 1998 in the Republic of Croatia, pursuant to the provisions of the Act on the Separation of Croatian Post and Telecommunications into Croatian Post and Croatian Telekom.

Croatian Telekom started their international peering activities on July 7<sup>th</sup>, 2010, with its initial connection to DE-CIX. The main idea behind the connection to DE-CIX was the improvement of the quality of Internet services and cost optimisation.

„Frankfurt is a key location for our peering activities since DE-CIX is a major hub for many international providers we are seeking peering with“ says Marijan Fijolic from the Croatian Telecoms International Carrier Business Department.

„Croatian Telecom is an important addition to the community of DE-CIX peers. We are by far the most important Internet Exchange that serves customers from the Balkan region,“ says DE-CIX's Frank Orłowski.

If you would like to peer with Croatian Telecom, please contact them directly at:

[ics@t.ht.hr](mailto:ics@t.ht.hr).



Axel Fischer, 1&amp;1

### → 1&1, One of the World's Largest Webhosting Companies Chose ALP-IX to Expand Peering Infrastructure

We talked to Axel Fischer, Network Engineer at 1&1, to better understand why ALP-IX was the right choice for the peering expansion of 1&1 in Germany:

**What was your main motivation to join ALP-IX?**

Germany is still a core market for us and Frankfurt is the main Internet hub in and for Germany. To be able to take load off DE-CIX and Frankfurt and keep traffic local within Germany is the most promising solution from our network and latency point of view. That's where Munich and ALP-IX came into play. Besides, the above ALP-IX was chosen because the DE-CIX team has shown how to run and market an exchange properly. I know that other ISPs think the same way and will consider joining ALP-IX, too.

## German Internet Exchange

**How does 1&1 benefit from ALP-IX?**

We came to Munich with our backbone shortly after we acquired GMX, Germany's largest freemail service. We started peering back then but there was never a great deal of traffic. As you can already see on the graphs, we are able to exchange quite some traffic on ALP-IX right now. And we would like to see more peers to join ALP-IX to increase that.

**What value does ALP-IX bring to a media metropolis like Munich?**

I guess there are a lot more companies in Munich besides media related companies who could benefit from joining ALP-IX. There is already an interesting mix of content and eyeballs connected. But it isn't necessarily a regional-only exchange. What I've seen so far as far as potential new (international) peers joining ALP-IX, I'm confident that we chose right.

**What are the most important criteria for 1&1 in regards to the selection of new IXs?**

It is always a mix of a few elements.

We try to ...

- ... be at an exchange in each country we do business in.
- ... find a neutral colocation where we have other options besides the public exchange.
- ... get an interesting mix of carriers for reaching the PoP where we can connect to the exchange.
- ... get an interesting mix of peers we send traffic to (including potential new peers).
- ... join an exchange that we think has great perspectives for the future.

And of course it generally should make sense from a technical and commercial point of view as well.

## ASK DR. PEERING



Brought to you by [www.drpeering.net](http://www.drpeering.net) and DE-CIX. Any question: send an email to [askdrpeering@de-cix.net](mailto:askdrpeering@de-cix.net)

 Dr Peering -

Peering is now our strategy... How much traffic can a content heavy network realistically peer away?

Cheryl Will

AS XXXXX

 Cheryl -

Thanks for the question.

**Diagnosis:** Peering success will depend on a variety of factors such as:

1. traffic profile (volume, destination, type, growth, IX presences, etc),
2. peering coordinator skill and approach,
3. timing and peering inclination trends in the target peer community, etc.

However, the window of peering opportunity in the U.S. has been closing a bit. I used to tell folks that they could expect maybe 40% of their traffic to be easily peerable...

→ Click here to read the full article: <http://tinyurl.com/docpeeringjuly>

The monthly Ask Dr. Peering column is brought to you by [drpeering.net](http://drpeering.net) and DE-CIX, the exclusive IX sponsor of the Dr. Peering Internet peering knowledge center.

If you have a peering related question, send an email to [askdrpeering@de-cix.net](mailto:askdrpeering@de-cix.net) and your question might be answered in next month's release.

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→ **NEW DE-CIX PARTICIPANTS****DE-CIX welcomes its most recent customers:**

- S.C. Teen Telecom SRL (2010-07-09)
- VKontakte Ltd (2010-07-02)
- Croatian Telecom Inc. (2010-07-01)
- VKontakte Ltd (2010-06-30)

**Soon to be connected:**

- Stadtwerke Hall, Austria
- Istar Limited, Bulgaria
- IKB Innsbrucker Kommunalbetriebe, Austria
- Wikia, USA
- Criteo USA
- LTT, UK

**Upgraded customers:**(since June 1<sup>st</sup>, 2010)

- komro GmbH
- Limelight Networks
- MegaFon
- Opal Solutions
- Hetzner
- Neue Medien
- Dial Telecom

→ **UPCOMING EVENTS:**

If you would like to attend any of these events, please register:

**African Peering and Interconnection Forum (AfPIF), 11-12 August, Kenya**

<https://www.isoc.org/isoc/conferences/africanforum2010/>

**DE-CIX Customer Summit and 15 Year Anniversary Celebration, 30–31 August, Frankfurt**

[www.de-cix.net](http://www.de-cix.net)

**DE-CIX Carrier Ethernet Exchange Roundtable, 1 September, Frankfurt**

[www.de-cix.net](http://www.de-cix.net)

**NANOG50, 3–5 October, Atlanta**

[www.nanog.org](http://www.nanog.org)

**MENOG7, 20–21 October, Istanbul**

[www.menog.net](http://www.menog.net)

**cnX4, 25–26 October, Frankfurt**

[www.cnx-frankfurt.com](http://www.cnx-frankfurt.com)

**DENOG2, 4 November, Frankfurt**

[www.denog.de](http://www.denog.de)

Check the listed websites for more information.

Listings in red are hosted or sponsored by DE-CIX.

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