

→ Welcome to the May release of the DE-CIX Newsletter!

Among other topics, in this newsletter we bring you information about the recent ISO 27001 certification of DE-CIX, we welcome Magyar Telekom to DE-CIX, we cover the Carrier Ethernet topic and invite our customers to a round table meeting, and we invite you to both the upcoming IPv6 Congress in Frankfurt and the cnX4 event in fall.

→ DE-CIX is now ISO 27001 certified

After in-depth evaluations by independent audit teams, DE-CIX has been certified against the international standard, which is ISO 27001:2005.

ISO 27001 formally specifies a management system that is intended to bring information security under explicit management control. Being a formal specification means that it mandates specific requirements. Organizations that claim to have adopted ISO/IEC 27001 can therefore be formally audited and certified compliant with the standard.

This certification bears ample testimony to our firm commitment to continuous quality improvement, foolproof risk management and highest level of focus on customer satisfaction, and covers the following business processes:

- Request fulfillment
- Change management
- Incident and problem management
- Monitoring

These prestigious certifications are internationally recognized as a benchmark of standardized and quality procedures and systems within the operations of an organization.

On April 29th during an event that took place in the Panoramasaal at the chamber of commerce in Karlsruhe, a presentation was given by Dr. Thomas King (former project lead ISO certification) on why and how DE-CIX started the certification process. After the event, the certificate was handed over to DE-CIX's CTO Arnold Nipper by a BSI (Federal Office for Information Security) representative.



Bernd Kowalski (BSI), Arnold Nipper (DE-CIX), Christian Riede (Connect), Stefan Gora (Secorvo)

- “The ISO 27001 certificate based on BSI Grundschutz (basic security) is a vital milestone of DE-CIX's efforts to continue to provide professional operations and a resilient high-end Internet Exchange,” says Arnold Nipper, DE-CIX's co-Founder and CTO.

→ A report from the Global Peering Forum No. 5

From April 12th to April 17th, 2010, peering managers from all over the world gathered to attend the greatest peering forum in the world for the fifth time. Once again Equinix, Switch and Data, Terremark, AMSIX, DE-CIX, LINX, and JPNAP have joined forces to create this multi-day forum to enhance the technical knowledge of the peering managers and to improve the important social connections.

Presentations were given by HE's Martin Levy, Brocade's Greg Hankins, Dan Golding from DH Capital, and various other industry experts.



Group picture of all attendees of the Global Peering Forum No. 5

“These peering forums are a vital element of peering. For us at DE-CIX it is not only important to provide the platform, we also need to reach out to our customers and facilitate the social networking among them to make peering happen,” said DE-CIX’s CEO Harald Summa after the event.

→ Carrier Ethernet Exchanges – the next big thing?

The IEEE, the IETF, the Ethernet Alliance and last but not least, the Metro Ethernet Forum – everybody seems to work on Carrier Ethernet definitions. ancotel, Equinix, and CENX with the friendly support of InterXion – they all seem to believe in the idea of Carrier Ethernet Exchanges being the next big thing when it comes to interconnecting networks.

“Everyone seems to be raving about Ethernet exchanges. And even the founder of the Metro Ethernet Forum thinks it’s so cool that he even created his own Ethernet exchange company,” says DE-CIX’s Frank Orłowski. “This reminds me very much about the MPLS and NGN hype we have seen over the last couple of years. Before we start to make great announcements what and how to do, we will talk to our customer base to figure out what their needs really are. No doubt that Ethernet based Internet exchanges will play a vital role if that game starts in the end,” adds Orłowski.

Arnold Nipper, CTO of DE-CIX adds “We have 15 years of experience in building and operating Ethernet platforms. We serve 350 customers and have 600 operational 10 Gigabit-Ethernet ports. If the new services take off, no doubt we’ll be part of that game. And no doubt Ethernet exchanges need to be distributed across a metro market rather than being in a single colo.”

Some of the key questions are:

- What services do customers really need?
- What standards are defined (if any)?
- How important is it to build distributed exchanges ?
- What will the business model look like ?

These are some of the topics that will be covered at the DE-CIX Ethernet Exchange round table meeting which DE-CIX will host on June 29th, 2010 from 11:30 – 15:30 in Frankfurt.

Please contact frank.orlowski@de-cix.net to register.



Ivo Ivanov (DE-CIX), Bela Gellai (Magyar), Frank P Orlovski (DE-CIX)

→ Magyar Telekom is now connected to DE-CIX

We would like to welcome Magyar Telekom - one of our latest customers. The company was established in 1991 under the name "Matáv" as the successor of the telecommunications company established when Hungarian Post was split into. 59.21% of Magyar is now owned by Deutsche Telekom and the company operates under Deutsche Telekom's "T" branding. Telekom Montenegro, Combridge and Novatel are wholly owned subsidiaries of Magyar.

"Magyar Telecom is a great addition to the DE-CIX community. It is another unique peer from Eastern Europe that is not connected to any of the other big exchanges," says DE-CIX's company lawyer Ivo Ivanov.

If you would like to peer with Magyar, please send an email to peering@net.telekom.hu

→ DE-CIX, the „Unknown top-quality product“

Author: Juergen Schultheiss, staff writer for the „Frankfurter Rundschau“ newspaper, comments on DE-CIX and the role DE-CIX plays for the economical development of the city of Frankfurt:

The most recent economic history of the city of Frankfurt includes the quiet success story of the unabated and dramatic growth of the Internet Exchange, DE-CIX. The Exchange is celebrating its 15th anniversary. But you won't hear about the classic celebration, or about the mayor's office reception no matter how many new

customers are seeking to be connected to the Exchange, no matter if the data traffic reaches unimaginable dimensions.

That is a pity, especially because the mayor herself has now discovered twittering and is more than ever dependent on what is being done at Hanauer Landstrasse. That is perhaps where the root of the problem is: It is not particularly easy to describe and understand that the worldwide Internet data exchange depends on Internet exchanges where data streams from different providers flow together. There is no palpable product that can be shown off saying, this is what we make, and it's a top notch product.



Juergen Schultheiss, staff writer for the Frankfurter Rundschau newspaper

Nevertheless, what DE-CIX, a wholly owned subsidiary of eco, the German Internet Association, achieves, may quite possibly be the city's top product. For passenger numbers going through, the airport is the ninth largest in the world; on an international level, Frankfurt ranks in the top 20 bank cities (depending on the mode of calculation), the Internet Exchange, however, is the undisputed worldwide top exchange for the amount of transferred data, ranking above London and Amsterdam and ranking far above metropolitan areas like New York or the much smaller Washington. That the infrastructure at Hanauer Landstrasse as well as at Kleyerstrasse with ancotel makes Frankfurt the top location is a fact that is slowly but surely being recognized not only due to Interxion CEO Peter Knapp's good contacts in the state government and the city. And it is true that meanwhile Petra Roth and Markus Frank are closer to the Internet scene.

However, that alone will not suffice. The city will have to be able to push Frankfurt forward as communication and media location more aggressively. That is not easy, alone for the fact that the players in the economy are not on the same page and some play in their own favor and ignore the advantages for the location that would arise from

cooperation. Still: Bringing the participants together, getting them to move towards a common location policy would be a cause worth fighting for - because the nervous system of the service metropolis Frankfurt, is the Internet.

Link to the original article (german only):

http://www.fr-online.de/frankfurt_und_hessen/meinung/2589254_Unbekanntes-Spitzenprodukt.html

→ Affordable colo space available in Interxion FRA-5

DE-CIX is happy to announce that additional colocation space for customers will be available at Interxion's FRA-5 data center - starting June 2010. The DE-CIX colocation service offers a controlled and managed space with multiple connectivity options for routing and switching equipment in a secure and reliable environment.

"This expansion is important for us. We have a continuous demand for colocation from customers that like the one-stop shop approach and they like the fact that our colo offer includes remote hands & eyes service and out-of-band access," says DE-CIX's Frank Orłowski.

Service level agreements assure uninterrupted performance of your network gear. Per 5 units of rack space, DE-CIX charges an MRC of 200 EUR incl. two appropriate power feeds and power consumption for the customer routing- or switching device. Private Interconnects to both the DE-CIX switches and all of the other DE-CIX participants at InterXion are currently available for a one-time fee.

Currently, around 70 DE-CIX customers use this service at three different facilities (Telecity, Interxion FRA-1 and FRA-4).

Contact sales@de-cix.net if you would like to colocate with DE-CIX.



DE-CIX staff at the cnX4 Cocktail reception: Frank Wegerich, Carolin Geib, Ivo Ivanov

→ cnX4 Cocktail Reception in Bucharest

On April 11th, 2010 – prior to the Capacity Bucharest event, over 130 guests gathered at the Radisson blu Hotel in Bucharest for the cnX4 cocktail reception. The cocktail reception was jointly hosted by ancotel and DE-CIX who once again will produce a cnX event together. Around 500 attendees are scheduled to join the hosts for the largest pure business telecommunications network event on October 25-26 in Frankfurt.

If you would like to take advantage of the early bird discount (EUR 249 + VAT), you may register now. The fee includes access to the main and social event and all catering.

More information and online registration

<http://www.cnx-frankfurt.com>



→ Last chance to register for the German IPv6 Congress

Once again DE-CIX and its valued partners heise Netze and iX will host the German IPv6 Congress in Frankfurt. The hosts expect over 400 attendees to come to this year's event that will take place on May 20th-21st.

The congress targets technical and strategic IT decision makers and network administrators and will deal with

the technical aspects and tasks concerning the upcoming migration in great detail. Last year's successful event was booked out weeks before it took place; this year's congress is doubling the number of participants to 400 and is offering them the opportunity to find out how well they are prepared for the transition. The speakers coming to the two day congress this year again include renowned specialists: among others, people from Beuth College of Technology Berlin, the Federal Ministry of the Interior, DENIC, Deutsche Telekom, eco, Fraunhofer FKIE, Nokia Siemens Networks, and SpaceNet.

Over 200 attendees have already signed up. If you would like to attend, please register asap - space is limited.

Visit <http://www.ipv6-kongress.de> for more information.

ASK DR.PEERING



Brought to you by www.drpeering.net and DE-CIX. Any question: send an email to askdrpeering@de-cix.net

Q Dr Peering –

What Internet Exchange Point has the best redundancy and lowest downtime?

Sal Petersen

A Sal –

All IXes are constructed with some degree of infrastructure and network redundancy.

DrPeering discussed IX redundancy needs with the ISP community and learned something interesting: that they wanted reliability certainly, but most of them also built their networks to withstand breakdowns in the peering fabrics. Many of them preferred a less expensive IX with

less redundancy, preferring instead to provide the redundancy themselves! What these folks wanted, was not so much a robust multi-tiered redundant infrastructure, but a lightweight resilient IX with responsive Ops and most importantly, notification when things did go awry.

The 111 8th Street building outage illustrates the three rules of IX outages:

1. Things break,
2. Everyone recognizes rule #1.
3. How the IX keeps IX participants informed, is critically important to the participants.

This 111 8th street story focuses on the extraordinary chain of events that led to a 24 hour+ outage. I share this story with the hope that we learn from it the lesson that notification and continual...

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

The monthly Ask Dr. Peering column is brought to you by 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 and your question might be answered in next month's release.



→ NEW DE-CIX PARTICIPANTS

DE-CIX welcomes its most recent customers:

- regio IT, Germany
- Magyar Telekom, Hungary

Soon to be connected:

- regio iT Aachen, Germany
- MOLDTELECOM, Moldova
- Wikia, Russia
- PIN, Russia
- Media Alliance, Russia
- Fiber Optics, Bulgaria

Upgraded customers:(since April 1st, 2010)

- RIPE NCC (K-ROOT)
- Globalcom LTD
- HL komm
- TKP
- Crowley Data

→ UPCOMING EVENTS:

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

IPv6 Congress, 20-21 May, Frankfurtwww.ipv6-kongress.de**NANOG49, 13–16 June, San Francisco**www.nanog.org**JANOG26, 8–9 June, Tokyo**www.janog.gr.jp/en**PacNOG7, 28 June–03 July, American Samoa**www.pacnog.org**DE-CIX Carrier Ethernet Exchange Roundtable, 29 June, Frankfurt**www.de-cix.net**SANOG16, 15–23 July, Bhutan**www.sanog.org**IETF78, 25–30 July, Maastricht**www.ietf.org**NANOG50, 3–5 October, Atlanta**www.nanog.org**MENOG7, 20–21 October, Istanbul**www.menog.net**cnX4, 25–26 October, Frankfurt**www.cnx-frankfurt.com**DENOG2, 4 November, Frankfurt**www.denog.de

Check the listed websites for more information.

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

**Contact Information:**

DE-CIX Management GmbH
 Competence Center Frankfurt
 Lindleystraße 12
 60314 Frankfurt am Main, Germany
 Phone + 49 69 1730 902 – 0
 Fax + 49 69 4056 2716
info@de-cix.net

Impressum:

CEO/Geschäftsfuehrer/V.i.S.d.P.:
 Harald A. Summa
 Company registration/Handelsregister:
 Registergericht AG Koeln, HRB 51135
 Headquarter/Zentrale:
 Lichtstraße 43i, 50825 Köln
 Tax ID / Steuernummer: 217/5726/0730

All information provided in this newsletter is subject to change without notice. DE-CIX assumes no responsibility or guarantee for the correctness or completeness of the information provided in this newsletter. All rights are reserved.