DE-CIX Update and Outlook

DENOG7

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Awesome for 20 years

» 2015 special year: DE-CIX Frankfurt was founded in 1995 – 20th anniversary

» In its 20th year: Peak traffic at Frankfurt close to 5 Terabit/s, connected customer capacity exceeds 18 Terabit
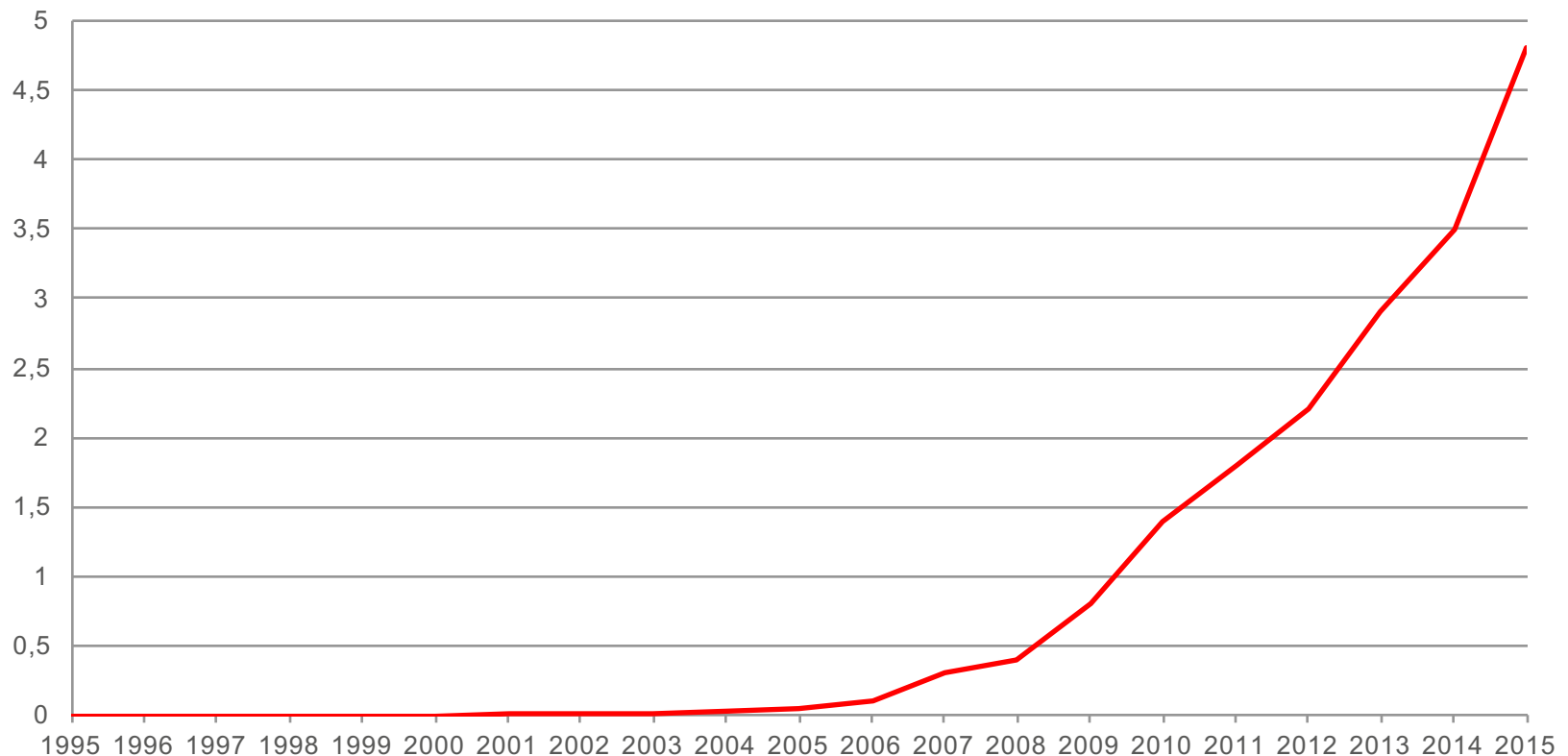
» DE-CIX operates nine exchanges now

20 years anniversary dinner in Frankfurt

As time goes by...

Frankfurt 1995-2015

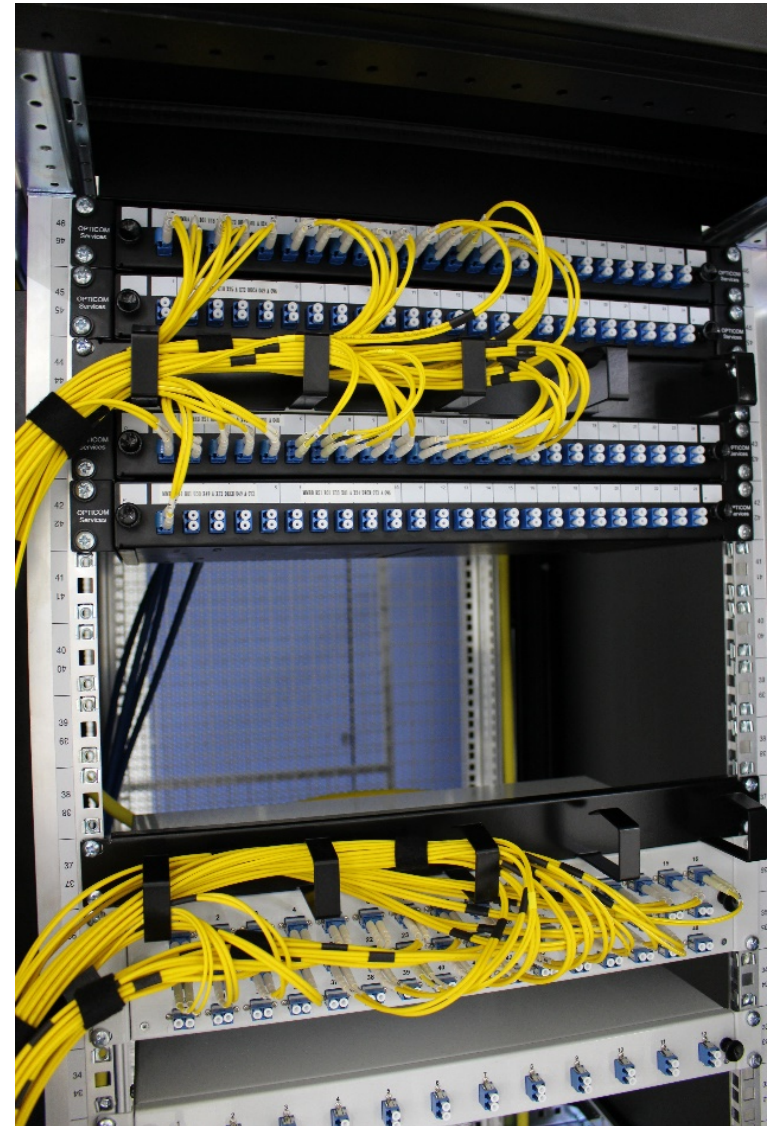Peak traffic at DE-CIX Frankfurt 1995 - 2015
(in terabits per second)

2015: Four new exchanges have been announced

New York
Dallas
Hamburg
Frankfurt
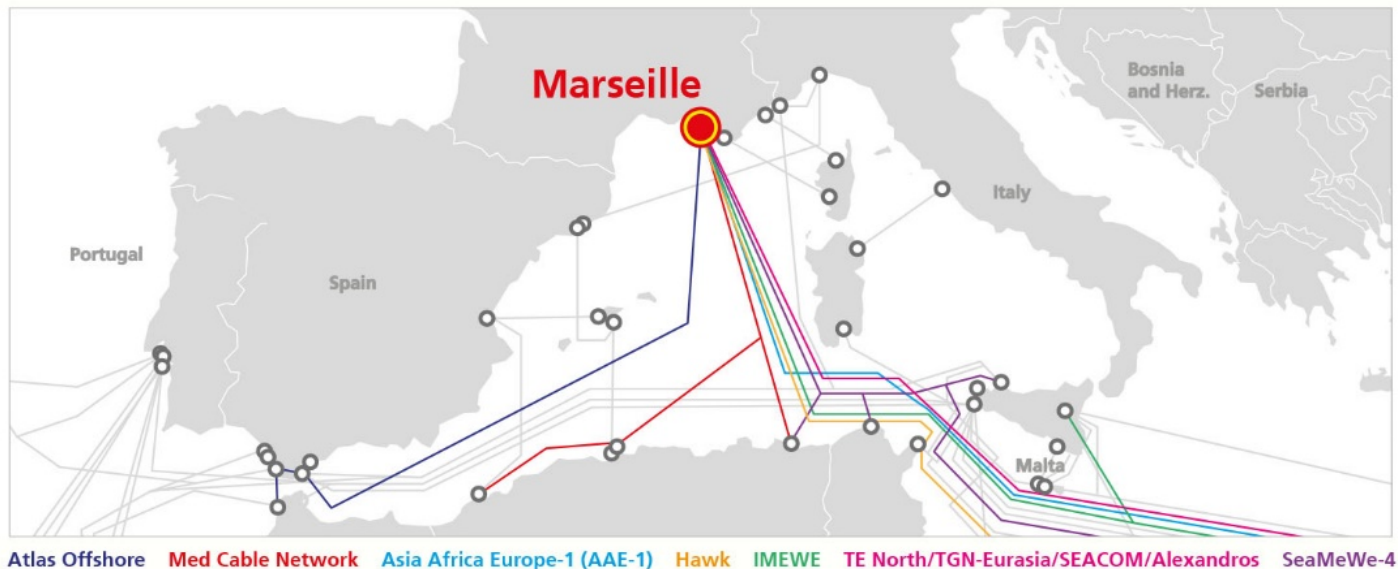Munich
Marseille
Palermo
Istanbul
Dubai

Why expand?

» DE-CIX faces two developments

  » Looking at past years' traffic growth rates and traffic forecasts, an enormous growth of traffic is expected

  » At the same time traffic will – slowly – regionalize

» DE-CIX therefore has two strategies

  » Grow with the traffic at existing exchanges

  » Build new exchanges to follow the growth

DE-CIX Marseille Setup

DE-CIX Marseille – now live!

» Home to landing stations for more than 10 submarine cables

» Located at the carrier-neutral Interxion data center (100+ carriers currently available)

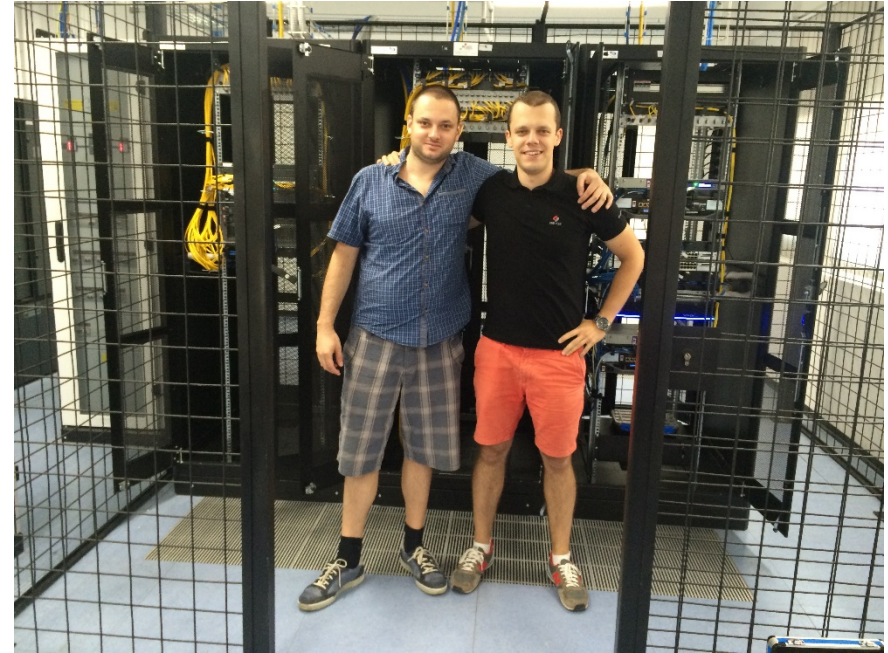» Evolving hub for content and traffic coming from and going to Africa

Atlas Offshore   Med Cable Network   Asia Africa Europe-1 (AAE-1)   Hawk   IMEWE   TE North/TGN-Eurasia/SEACOM/Alexandros   SeaMeWe-4

DE-CIX Palermo – Setup in August – Two days

Petr (left) and Marian on arrival…

… and after two days
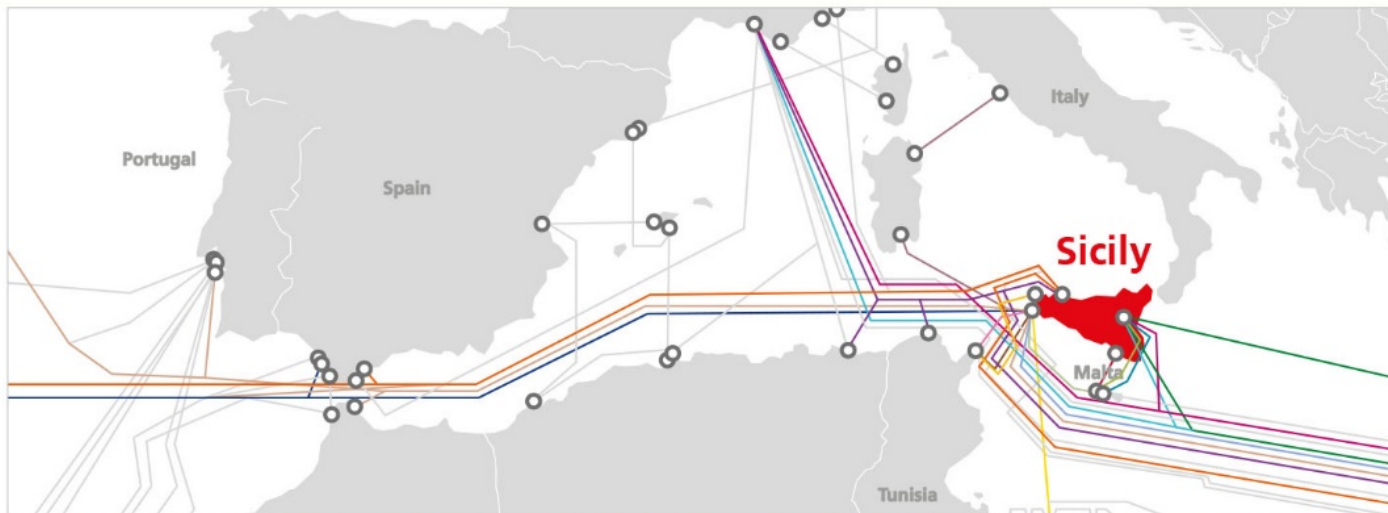
DE-CIX Palermo – Setup in August – Two days

Marian and Petr with Antonino Angelo Meschis (left) and Alessandro Caruso (right) from TI Sparkle – they were a big help!
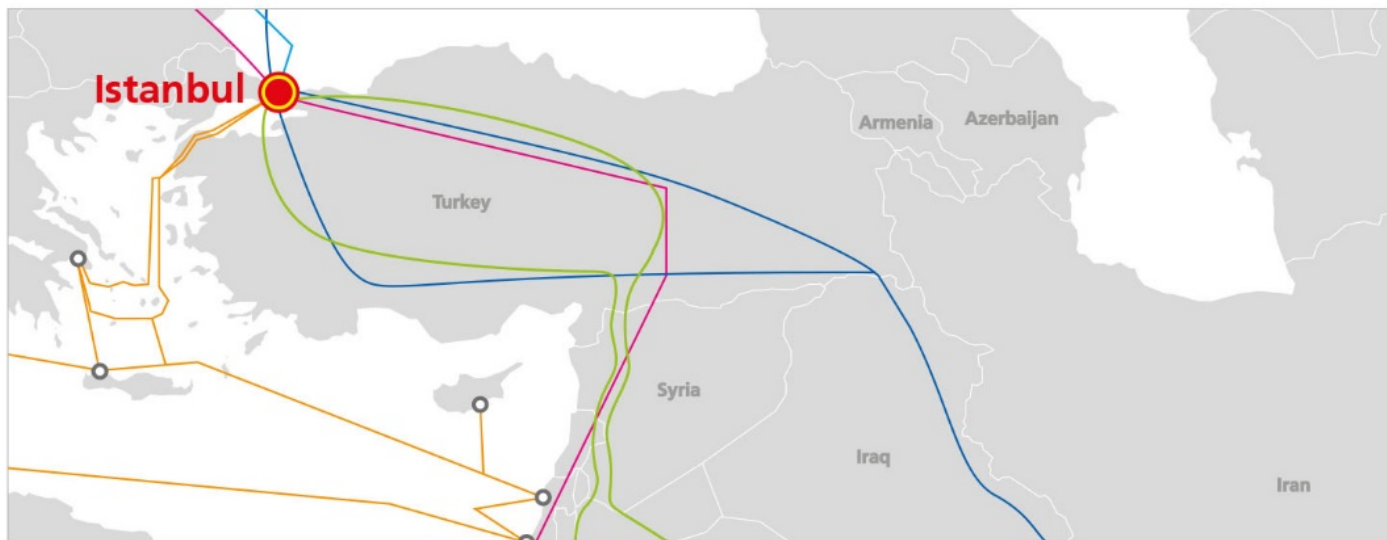
DE-CIX Palermo – now live!

» Home to landing stations for more than 15 submarine cables

» Located at TI Sparkle's carrier-neutral Sicily Hub (30+ carriers currently available)

» DE-CIX Palermo provides redundancy to other hubs along the Mediterranean coast

» Access to African, Middle Eastern and Asian markets

SeaMeWe-3   SeaMeWe-4   SeaMeWe-5   FLAG Europe-Asia (FEA)   Vodafone Malta-Sicily Cable System (VMSCS)   Italy-Malta   Melita 1   IMEWE
MedNautilus Submarine System   Italy-Libya   GO-1 Mediterranean Cable System   Lev Submarine System   HANNIBAL System   Didon   Columbus-III
Trapani-Kelibia   Janna
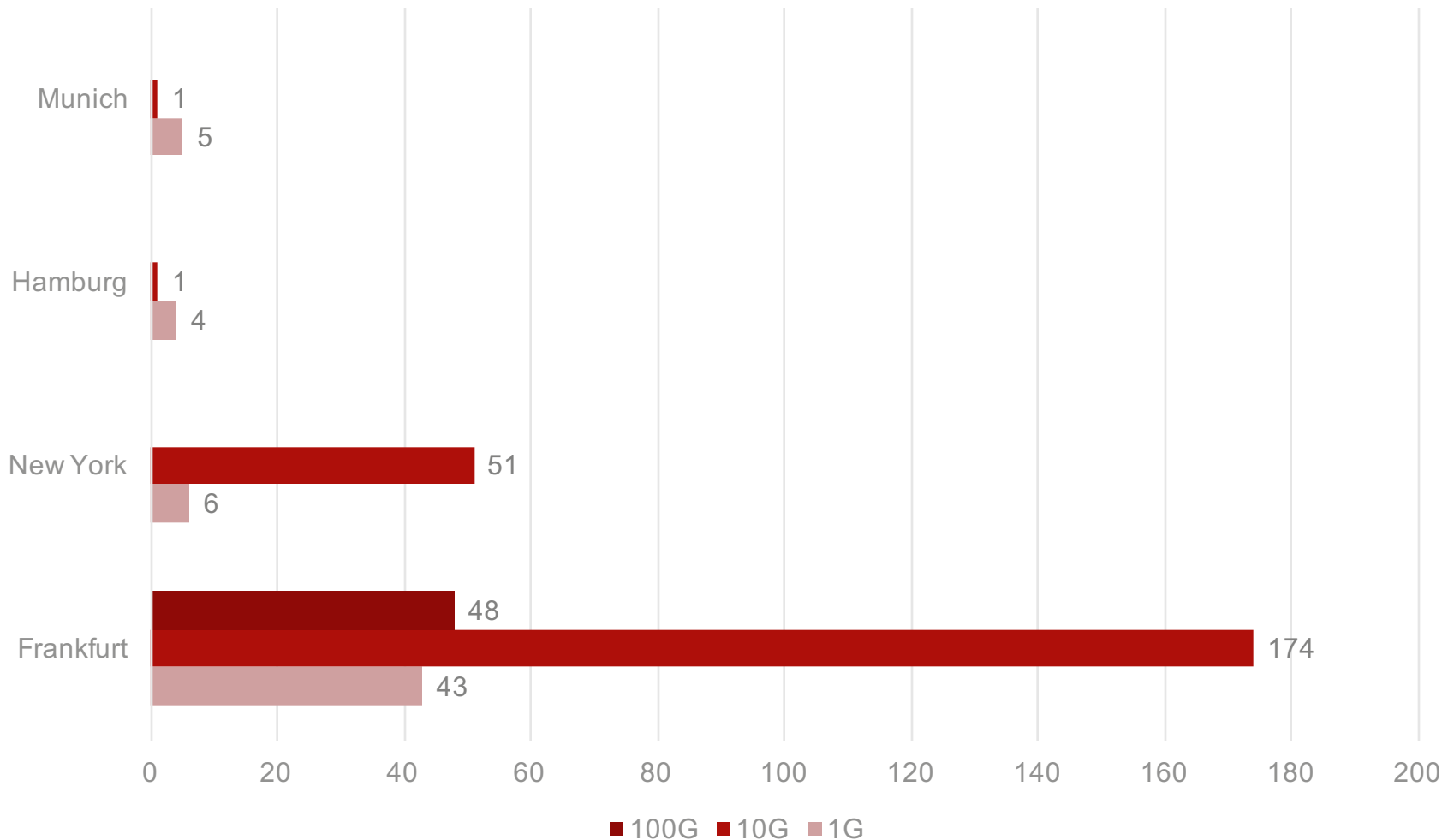
DE-CIX Istanbul – live till end of November

» Internet market in Turkey consists of over 470 ASN's

» More than 46% of Turkish population are Internet Users

» Located in the MedNautilus building

» Service will be available in more than fifteen additional facilities across the city of Istanbul

» Network operators can also take advantage of the DE-CIX Istanbul service in Ankara, Bursa and Izmir

MedNautilus (submarine cable)   JADI   GBI (announced)   Regional Cable Network (RCN)

New ports at DE-CIX in 2015

Technical update

» Continued strong growth in Frankfurt

  » Total connected customer bandwidth exceedes 18 Tbit

  » 50+ 100G-Ports have been added to the fabric

  » Third Alcatel-Lucent XRS-40 has been added

  » Core bandwidth expanded to 8 Tbit

  » Peaktraffic 4.9 Tbit/s

» Three new IXs in service

  » Palermo

  » Marseille

  » Istanbul

» Three new sites for DE-CIX New York

  » 2 Emerson Lane, Secaucus

  » 275 Hartz Way, Secaucus

  » 5851 Westside Ave, North Bergen

By joining DE-CIX, you become part of a universe of networks. Everywhere.

DE-CIX. Where networks meet.

Where networks meet

Awesome for
20 years

www.de-cix.net

Thank you.