



MENOG 15, Dubai

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➤ What do we do?

- 2 Forums per year
- Maintaining the Website, database and tools
- Newsletter – Subscribe here: www.euro-ix.net/newsletters
- Working Groups
- Annual European IXP Report
- “Good for the internet” projects

Why do we do it? Good of the community!

Association of IXPs

76 affiliated IXPs:

- 53 IXPs in the Euro-IX Region=> in 32 Countries, operating over 100 IXPs
- 23 IXPs from the rest of the world
- Newest Members:
Angonix (Angola), SOX (Serbia)

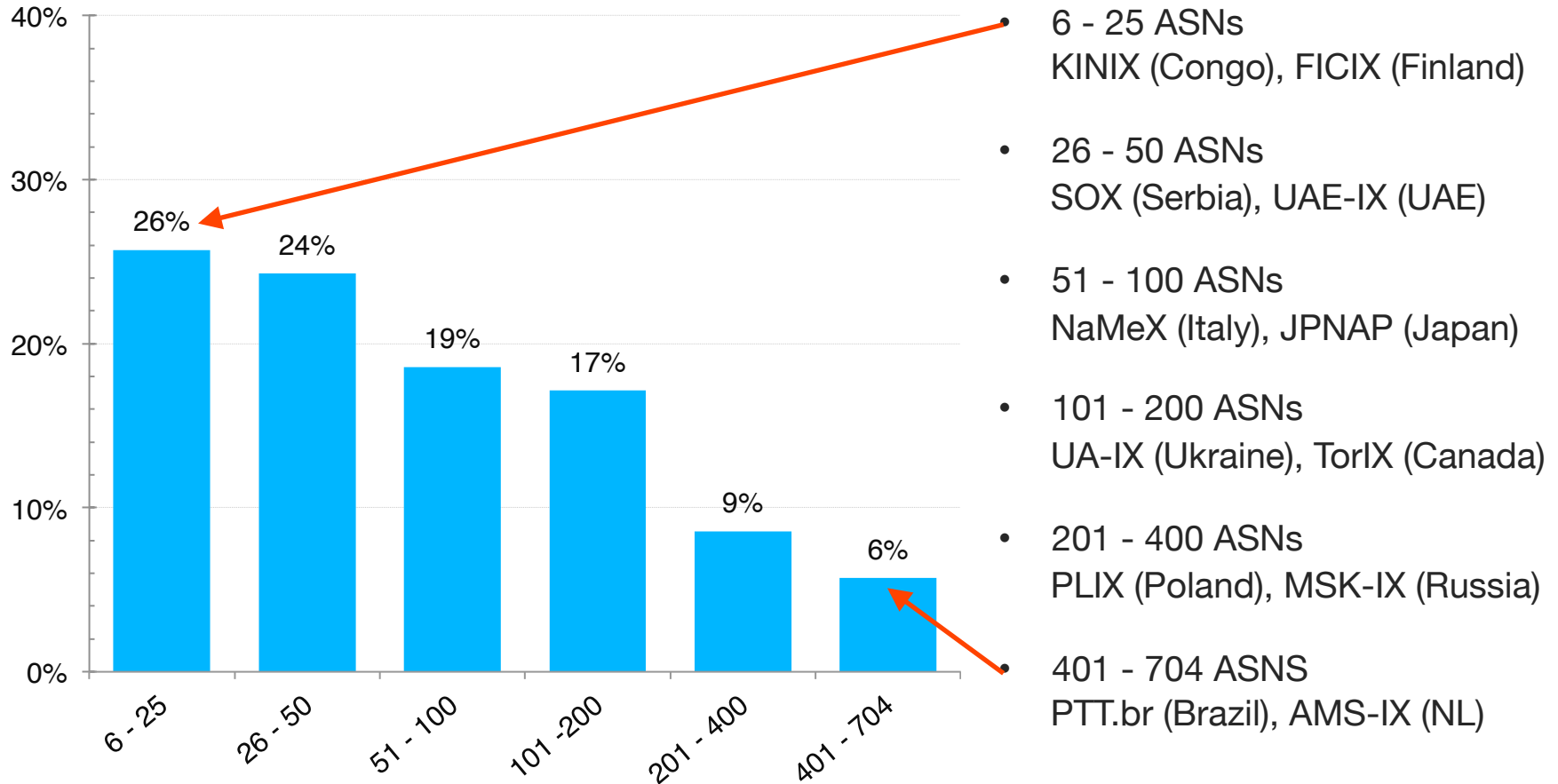
> 11 Patrons

- ADVA Optical Networking
- Alcatel-Lucent
- Brocade
- BTI Systems
- Extreme Networks
- Huawei
- Interxion
- Juniper Networks
- MRV
- Telecity
- Telehouse



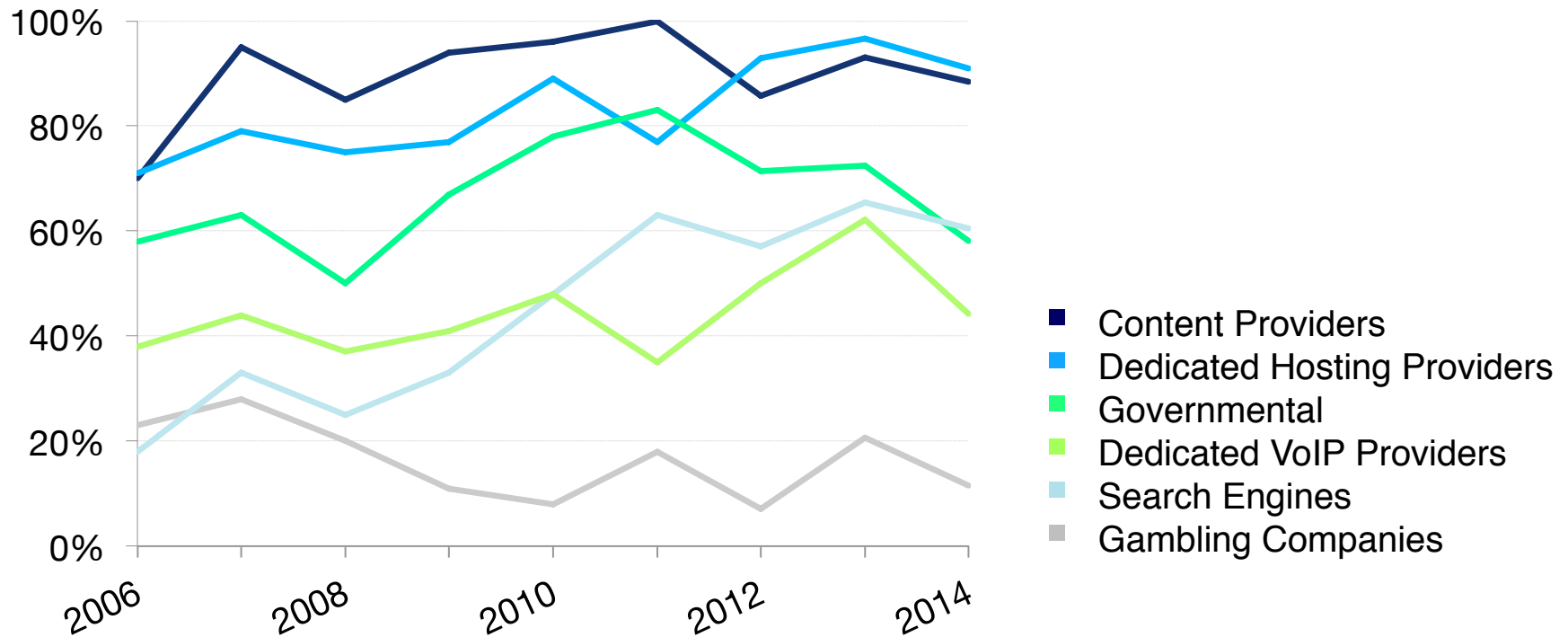
Euro-IX Database

> Range of ASNs connected to Members



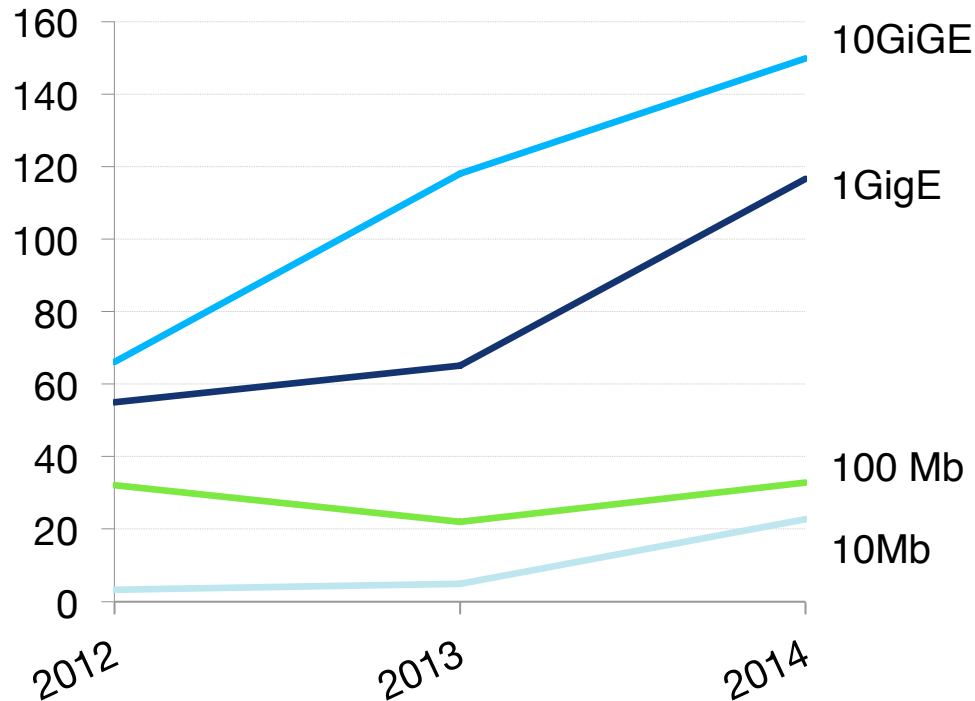
> Who connect to our Members

=> 91% of our member IXPs had dedicated hosting providers connected to their exchange in 2014



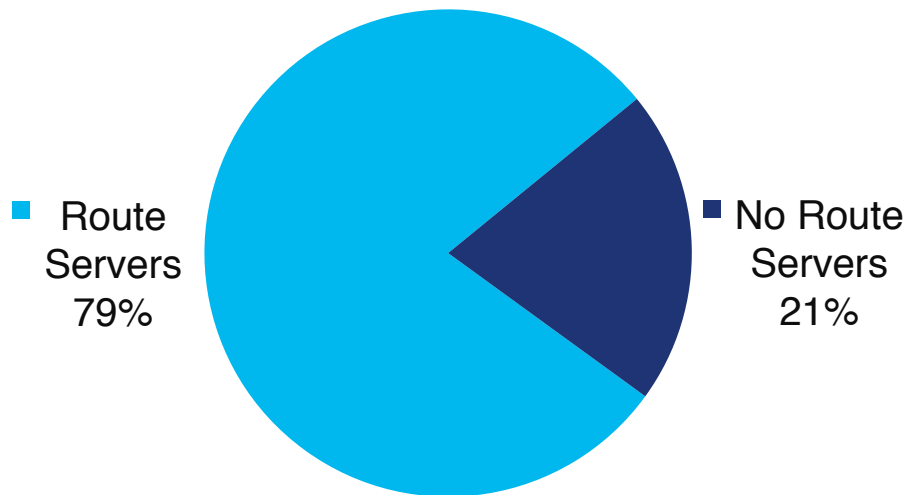
> Average Port types usage evolution

=> the 1GigE and 10 GigE ports were the types the most used at member IXPs in 2014

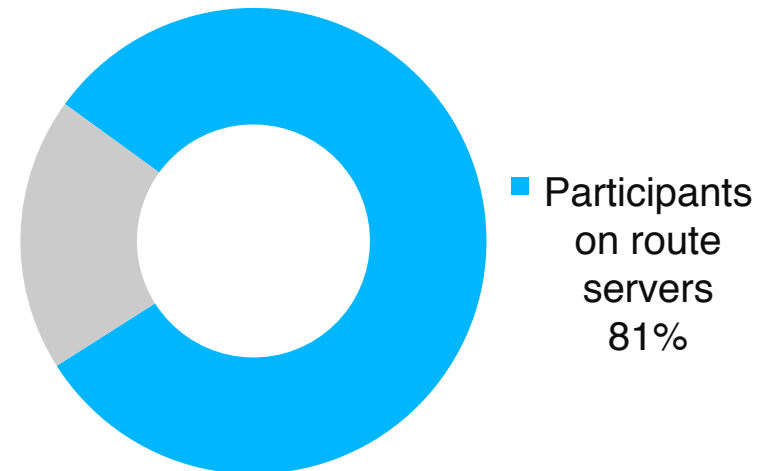


Use of Route Servers

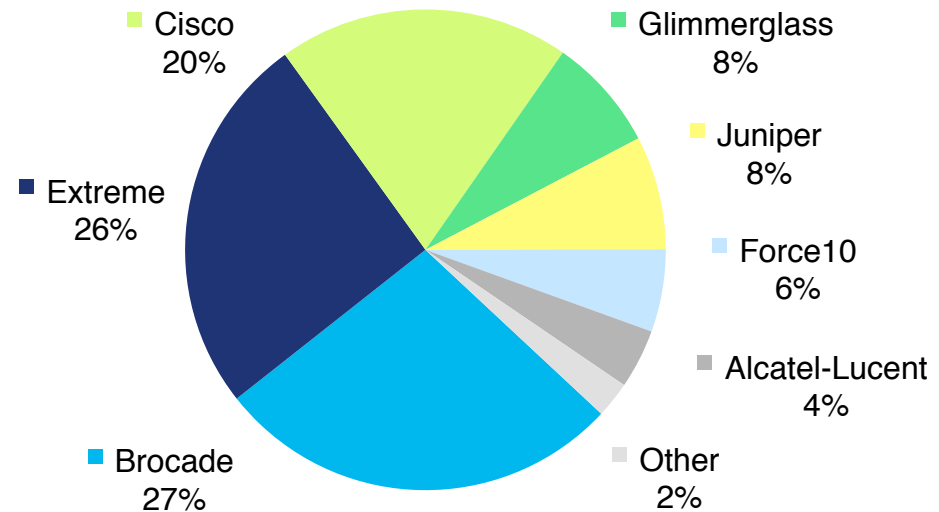
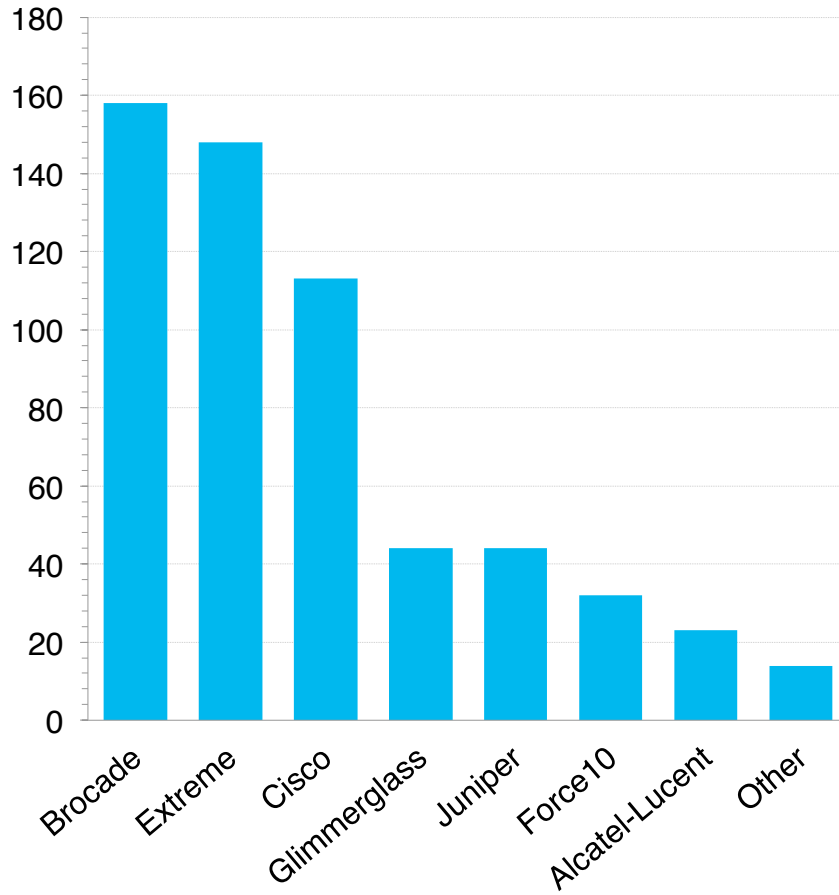
Proportion of Euro-IX Member IXPs using Route Servers:



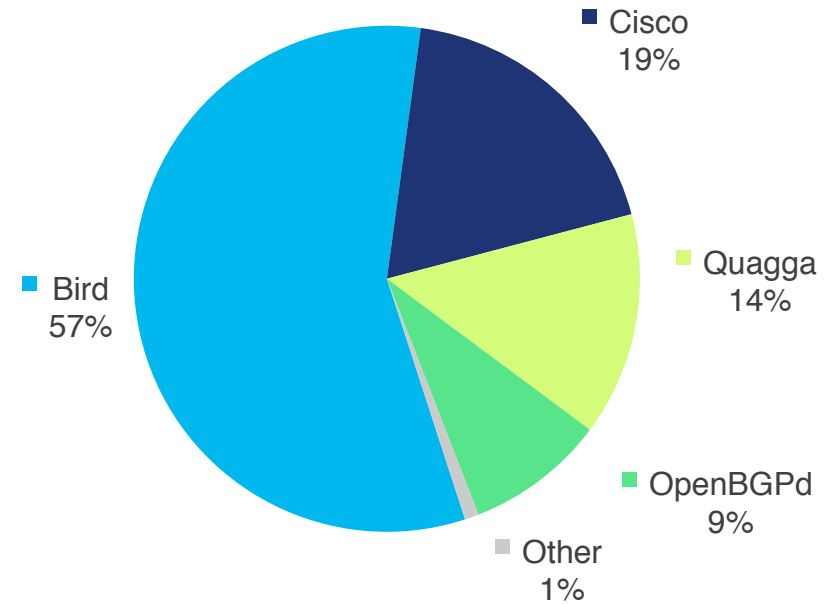
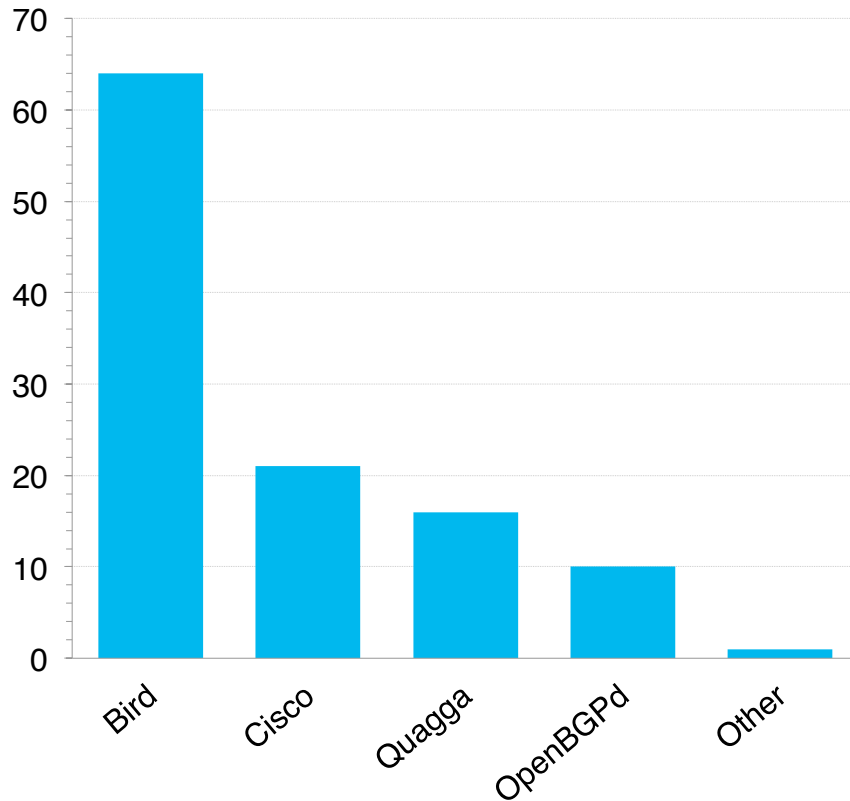
Average proportion of IXP participants that are on Route Servers:



Switch/Router DB – Vendors used



> Route Server DB – Daemons used



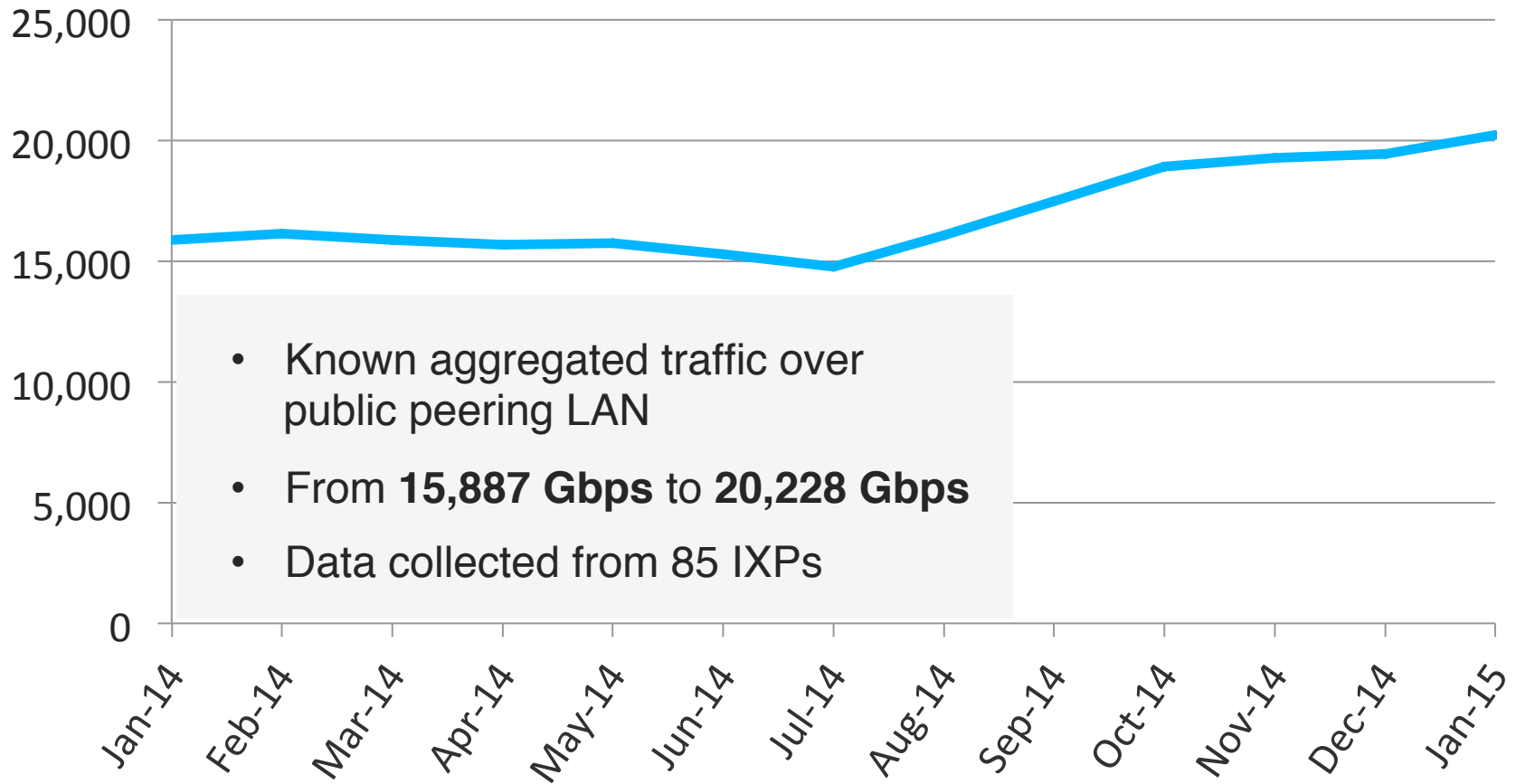
IXPs in Euro-IX Region



189 known IXPs
48 Countries
142 Cities

Check our Map:
www.euro-ix.net/location-of-ixps

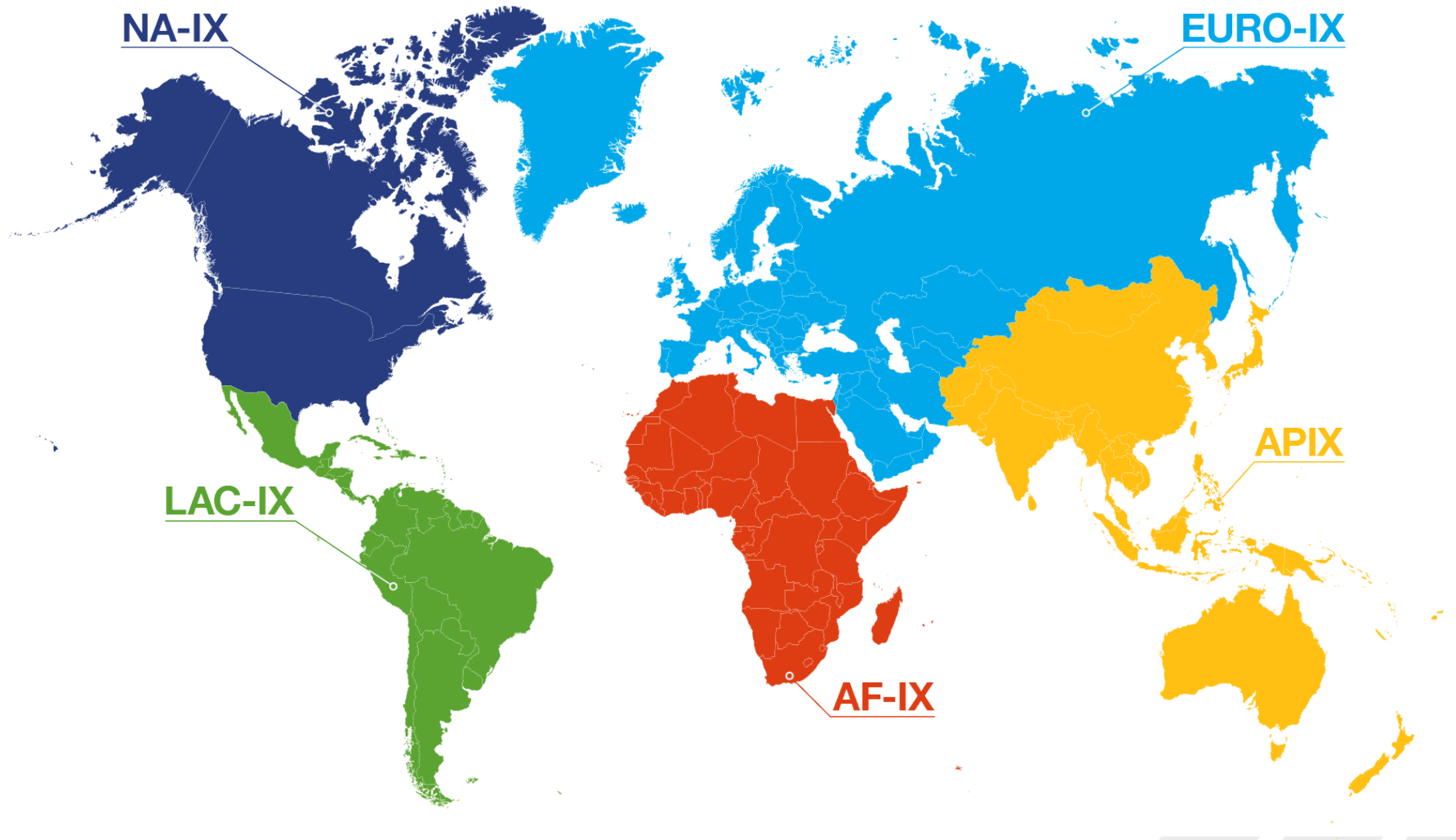
➤ Traffic Growth in Euro-IX Region





Internet Exchange Federation

> Other IXPA's



➤ Internet Exchange Federation (IX-F)

- MOU signed by APIX, Euro-IX and LAC-IX to form the IX-F in November 2012 – www.ix-f.net
- Af-IX signed the MoU to join the IX-F
- Idea to have a Global IXP DB
- Global IXP BCOPs
- Automate Data Collection from IXPs
- Plans to collaborate with other external Databases

IX-F Board

- **Af-IX**
Nishal Goburdhan – JINX (South Africa)
Kyle Spencer – UIXP (Uganda)
- **APIX**
Raphael Ho - Equinix (Hong Kong)
Katsuyasu Toyama - JPNAP (Japan)
- **Euro-IX**
Arnold Nipper - DE-CIX (Germany)
John Souter - LINX (United Kingdom)
- **LAC-IX**
Ariel Graizer - NAP CABase (Argentina)
Milton Kashiwakura - PTT.br (Brazil)



IXPs outside Euro-IX Region

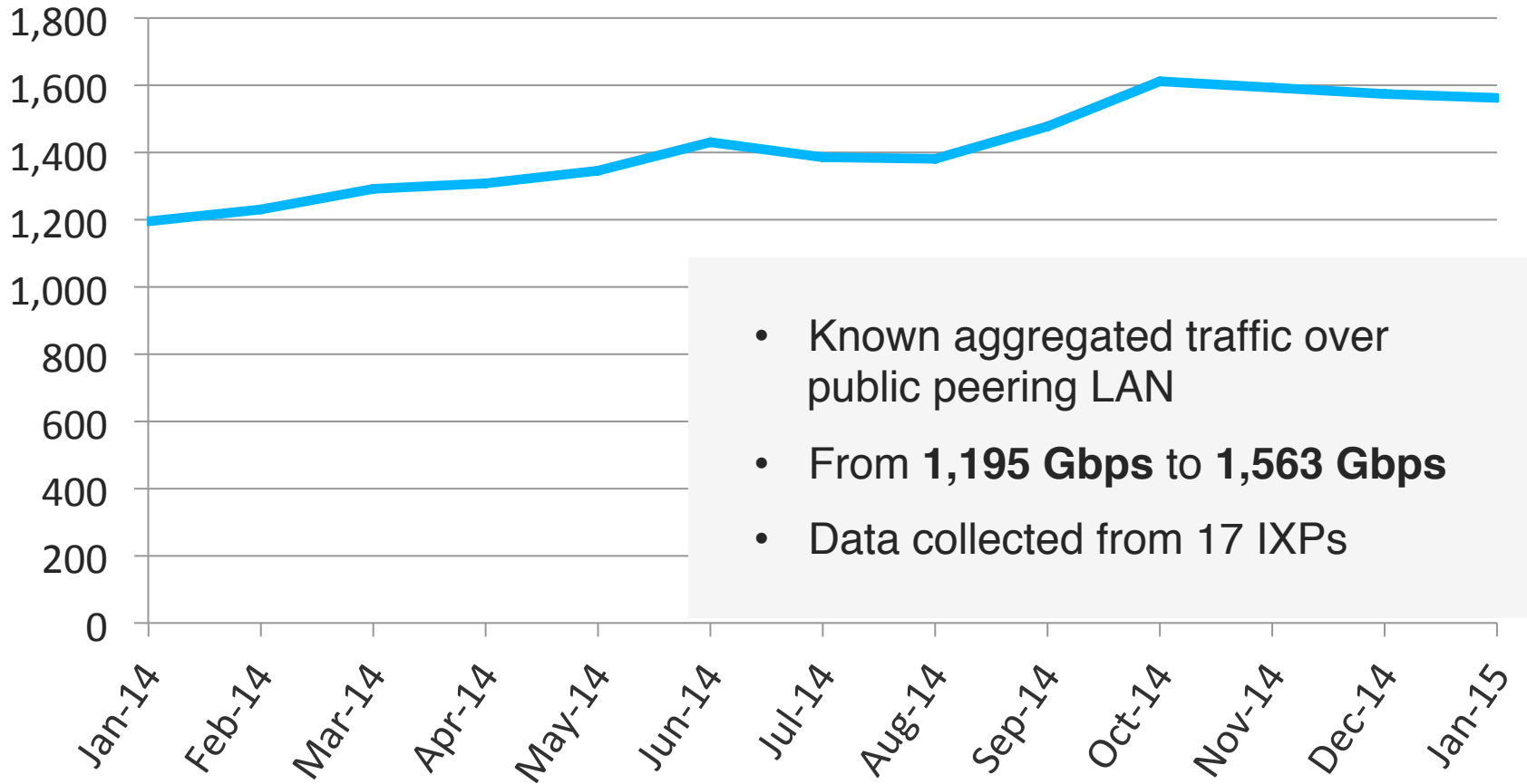
IXPs in APIX Region



89 known IXPs
19 Countries
49 Cities

Check our Map:
www.euro-ix.net/location-of-ixps

➤ Traffic Growth in APIX Region



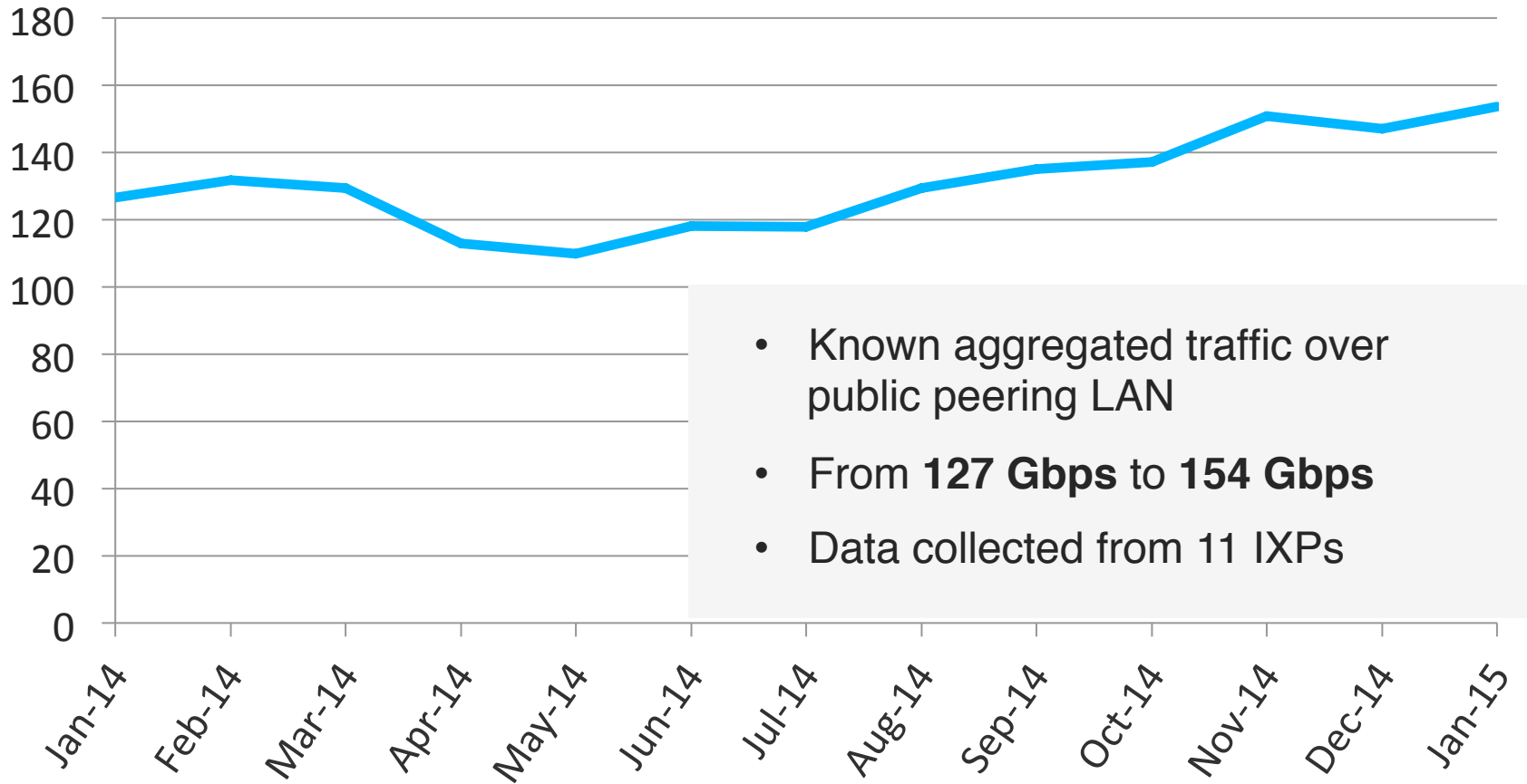
➤ IXPs in Af-IX Region



33 known IXPs
25 Countries
31 Cities

Check our Map:
www.euro-ix.net/location-of-ixps

➤ Traffic Growth in Af-IX Region



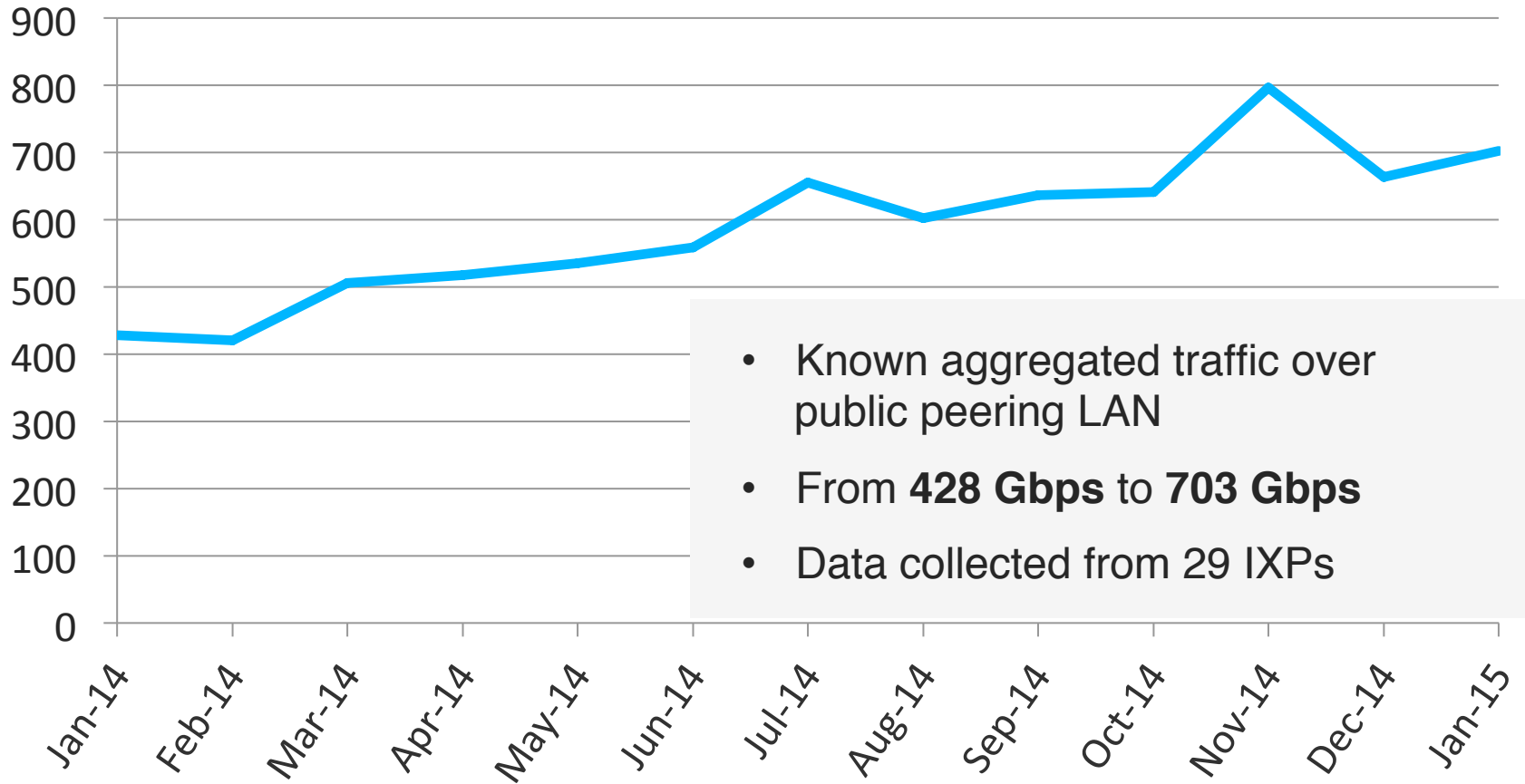
IXPs in LAC-IX Region



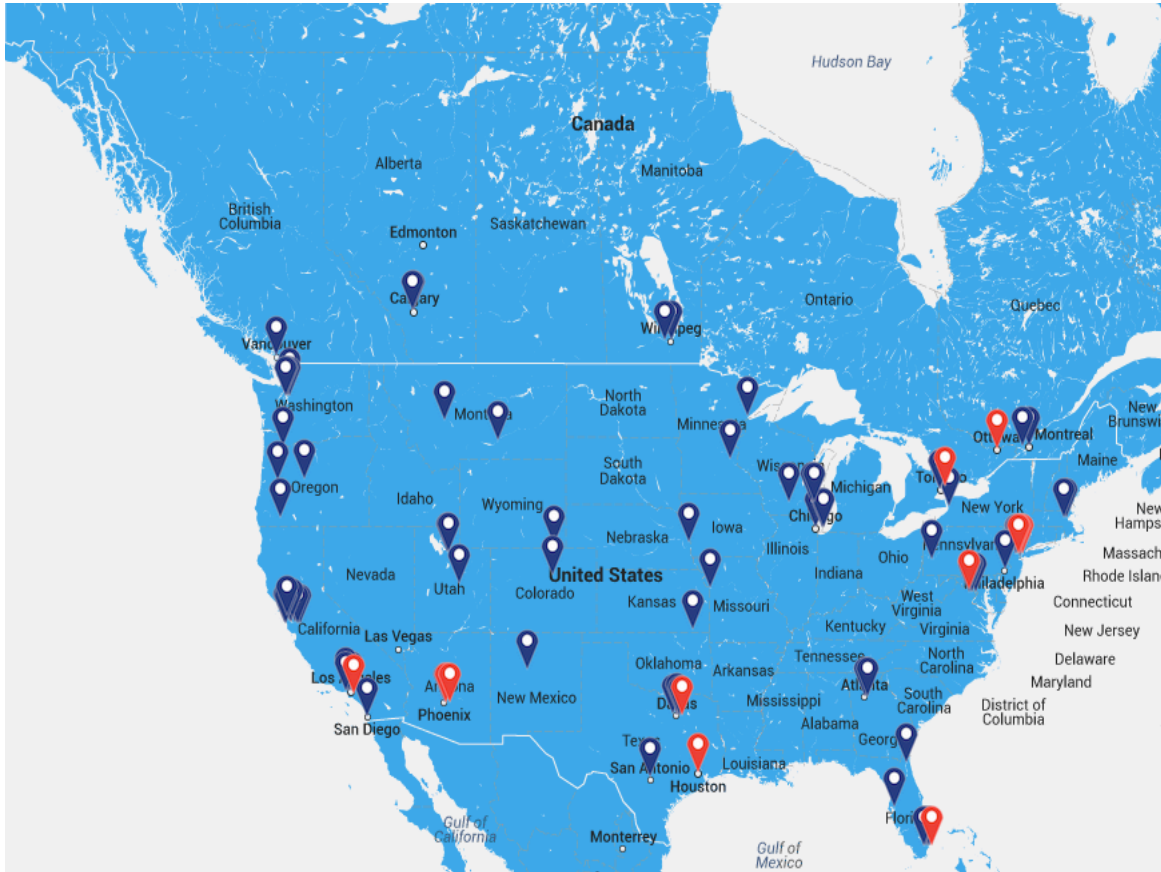
56 known IXPs
16 Countries
49 Cities

Check our Map:
www.euro-ix.net/location-of-ixps

➤ Traffic Growth in LAC-IX Region



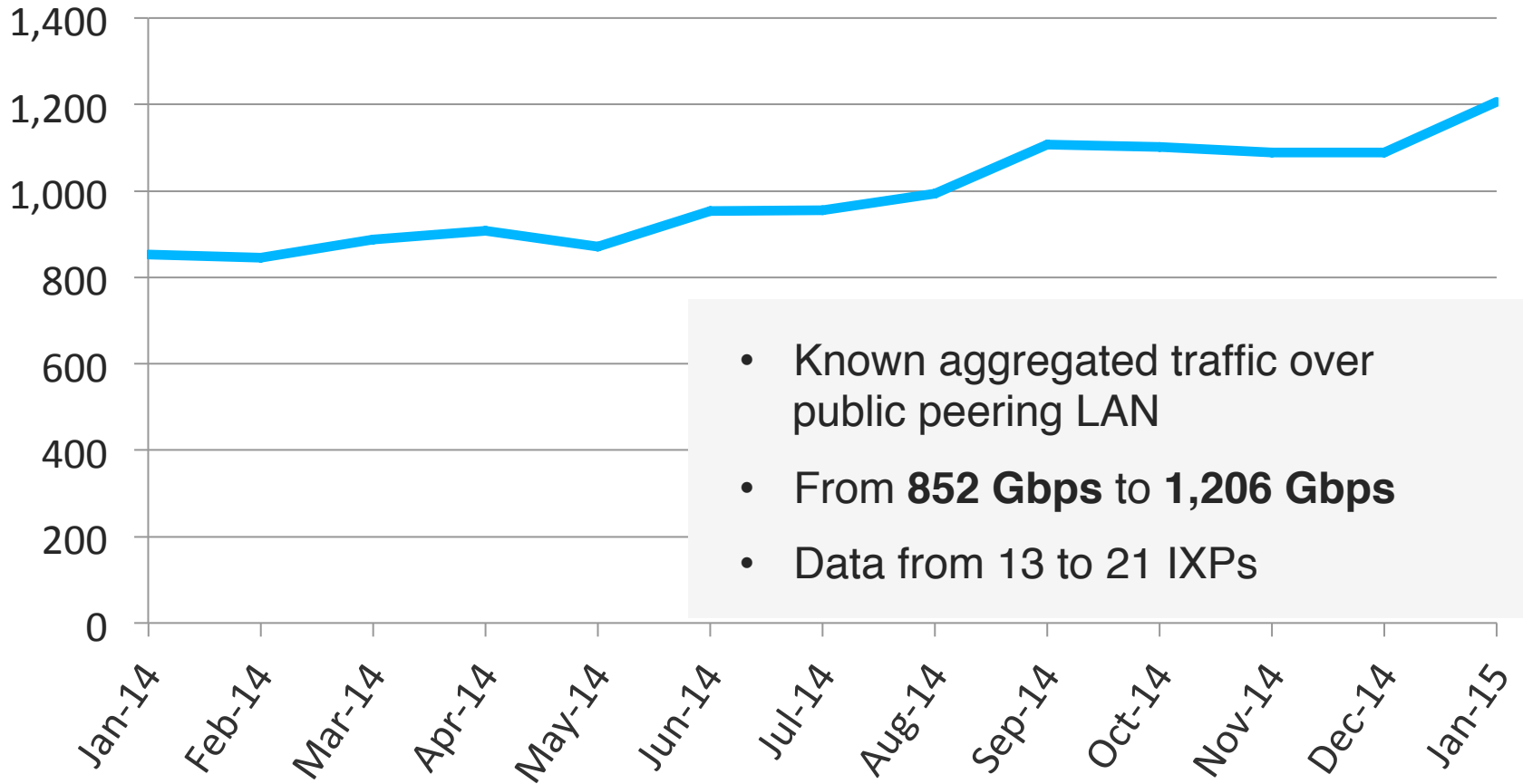
IXPs in NA-IX Region



102 known IXPs
2 Countries
57 Cities

Check our Map:
www.euro-ix.net/location-of-ixps

➤ Traffic Growth in NA-IX Region



IXPs in the Middle East



8 known IXPs
14 countries

(PeeringDB has 7
IXPs and 10
networks)

Check our Map:

www.euro-ix.net/location-of-ixps

➤ The Internet Revealed – IXP Movie



Now available in Arabic, French, Turkish, Spanish, Romanian, Portuguese and German, check out our Youtube channel:

<https://www.youtube.com/channel/UCFyucVRAAMzxyJlsxnGwsjw>

=> more languages to come, if your interested in translating the video, contact us!



Thank you!

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