Together, your Internet, even better

African traffic @France-IX

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African traffic @France-IX

- France-IX Paris and Marseille
- France-IX and African operators
- Traffic distribution for African ISPs
Core Values

Community
Member-based organization, founded with the support of the French Internet Community

Neutrality
Carrier-neutral, datacenter neutral, cloud-neutral

Sustainability
Ability to sustain its operational expenses in the long run without threatening the company solvency

Improvement
Constant lookout for increased performance, optimal connectivity, and market-based prices

Mission

France-IX interconnects several hundreds of telecommunications carriers, ISPs, content providers, content delivery networks and all other Internet networks worldwide with significant traffic in the Internet French market.

Vision

This enhances the affordability and latency of the Internet traffic exchanged between its members and thus improves the overall quality of the Internet in France.
France-IX Direct Coverage

9 PoPs in Paris, 2 PoPs in Marseille

Paris

- Interxion PAR2
- Interxion PAR5
- Telehouse 2

Marseille

- Interxion MRS1
- Jaguar Network MRS01
France-IX: Membership Key Facts

+350 Connected Networks
Full list, updated in real time, available online at www.franceix.net

60% French-based and 40% International Members
Access to French and International Internet Professionals
France-IX and African operators (1/3)

Total of 11 African operators connected to France-IX in Paris and/or Marseille

6 in Marseille
- Seacom
- WIOCC
- Oranlink/Islalink
- Mauritius Telecom
- Angola Cables
- Djibouti Telecom

7 in Paris
- Seacom
- Djibouti Telecom
- CMC (pending)
- Ooredoo Tunisia
- AFR-IX
- Telma
- Gulfsat Madagascar
France-IX and African operators (2/3)

4 Remote Peering Partners with presence in Africa

- BICS
- AFR-IX
- Telecom Italia Sparkle
- Angola Cables
Marseille is naturally the preferred location to exchange traffic for these African operators when possible
France-IX Marseille Timeline

2012 : Chicken and Egg problem
   Who’s the first to come:
   CDN or MEA ISPs?

2012-2014 : Convincing major content providers

2016 : Several African ISPs connected
   Connecting first 100 Gbps port

2017 : 40 networks connected
France-IX Marseille: distribution of the networks

40 networks connected

Small French ISPs and Local players: 25%
CDNs: 20%
African ISPs: 15%
Major/medium French operators: 15%
Asia/Middle East: 10%
France-IX Marseille: traffic exchanged by African operators

Traffic from African operators represents 30% of traffic exchanged in France-IX Marseille
France-IX Marseille: African operators traffic distribution

- Hopefully, no traffic exchanged between African carriers > less than 2%
- Traffic is mainly done with content providers > between 80 and 85%
- Traffic with major and medium French operators > between 5 and 10%
- Few traffic done with Asian/Middle East carriers > around 5%
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