



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

France-IX: Mission Statement

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



DATA CENTER
Network core
Coeur de réseau

- 1 Interxion PAR2
- 2 Interxion PAR5
- 3 Telehouse 2



DATA CENTER

- 4 Iliad DC2
- 5 Iliad DC3
- 6 Interxion PAR1
- 7 Equinix-Telecity PA6 Condorcet
- 8 Equinix-Telecity PA7 Courbevoie
- 9 Telehouse 3

Marseille



DATA CENTER

- 1 Interxion MRS1
- 2 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/Isalink
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

France-IX and African operators (3/3)



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:

CDNs 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%**

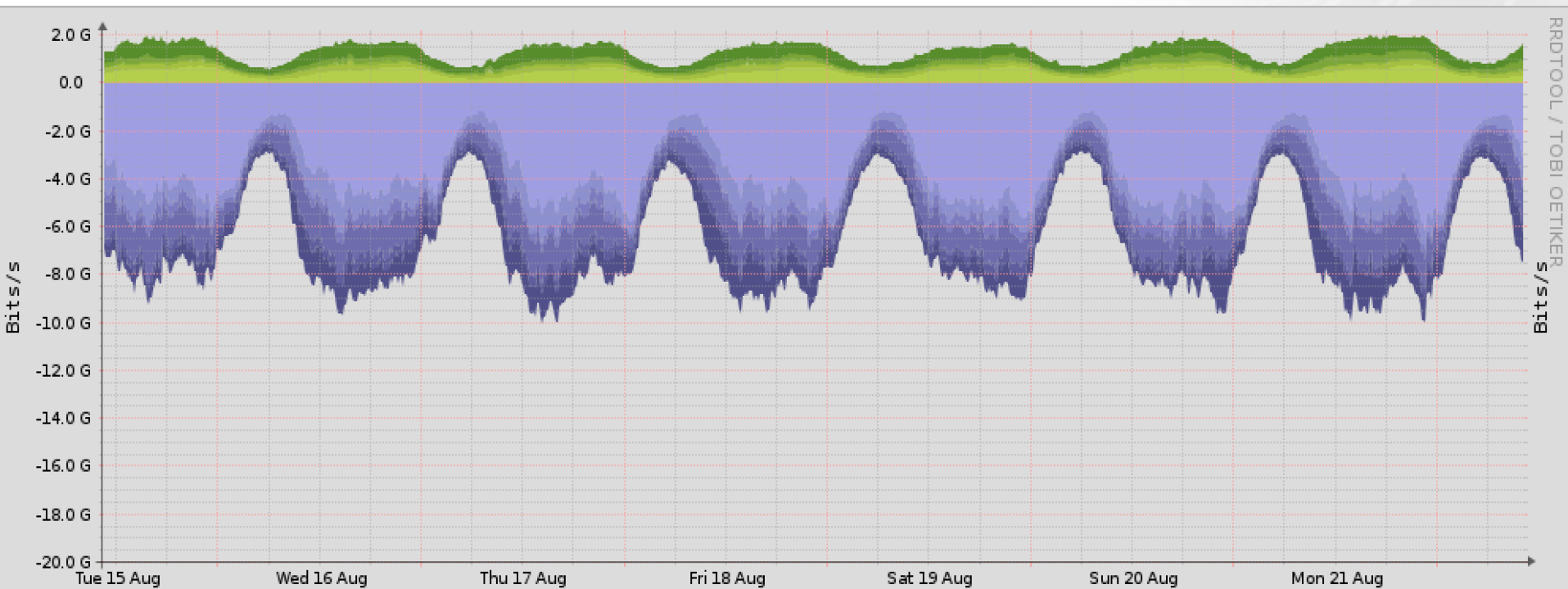
African ISPs: 15%

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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