



France IX adds Orange Wholesale to marketplace sellers

Tuesday 21 March 2017 | 17:49 CET | News

Peering service provider France-IX announced that its marketplace members now have direct access to the IP connectivity offering over Orange Wholesale's French network (identified by its Autonomous System number AS3215) at any of France-IX's points of presence in Paris (9 sites) and Marseille (2 sites). This enables over 340 France-IX's members to subscribe to IP connectivity services directly with Orange Wholesale France and have these services delivered to their current France-IX port within days and with traffic volumes adapted to their needs, on a flat-fee or pay-per-use basis.

France-IX announced its first marketplace seller, Orange International Carriers, in April 2016.



France-IX launches direct interconnection with Orange Wholesale France



22 March 2017 | James Pearce

France-IX has announced direct interconnection with Orange for its members in Paris and Marseille.



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The French internet exchange has 340 networks will be able to subscribe directly to Orange Wholesale France's IP connectivity services within days by configuring an additional virtual local area network (vLAN).

France-IX has nine points of presence (PoPs) in Paris and two in Marseille, meaning customers in those PoPs can interconnect with Orange for flat-fee or pay-per-use basis.

France-IX launched its marketplace with Orange International Carriers in April 2016, but this latest agreement allows direct interconnection with Orange's French wholesale operations.

"Our aim is to bring together the biggest number of Internet networks in France, of all sizes and from all business sectors," explains Simon Muyal, CTO at France-IX.

"Today, in our outlook for the France-IX community, we have reached a major turning point by providing them with direct access to the Orange France network with no technical prerequisites or business intermediaries. We are convinced that this offer will give our members in Paris and Marseille a huge competitive edge."

In Paris, the offering is available in a number of sites: Interxion PAR1, PAR2 and PAR5, Iliad DC2 and DC3, Telehouse 2 and 3, and Equinix Telecity PA6 and PA7.

"Our ambition is to provide straightforward, scalable and flexible services that will allow France-IX members to keep pace with the rapid developments of their IP network," explained Florence Barral, head of marketing for the France IP, voice and data interconnection offering at Orange Wholesale France.

"France-IX members can capitalize on our powerful and reliable connectivity solutions at the regional, national and international levels, with traffic volumes adapted to their use, and flat-fee or pay-per-use invoicing, at any France-IX point of presence in Paris and Marseille."

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Kentik, France-IX team up to enhance digital network intelligence



05 May 2017 | Jason Mcgee-Abe

France-IX and Kentik have partnered to enhance network traffic intelligence and denial-of-service (DDoS) protection.

The partnership will give the internet peering service provider's peering members with deeper network visibility from Kentik's network traffic intelligence platform, which the companies say will offer "real-time intelligence solutions in a first-ever offering for IXP services".

"Digital businesses across the globe today are sitting on a vast amount of untapped insights buried within their network traffic data that traditional performance monitoring tools cannot uncover," said Avi Freedman, co-founder and CEO of Kentik, a leader in network traffic intelligence for performance management and distributed denial-of-service (DDoS) protection.

"Our customers are getting an unprecedented level for visibility for network operations, in combination with business intelligence that advances their security posture and increases revenue. With this new partnership with France-IX, their members will receive complimentary access to tactical and strategic traffic intelligence through their exchange infrastructure, and Kentik will grow its reach in France and Western Europe."

With this new partnership, France-IX members in Paris will benefit from a free-of-charge single licence for Kentik Detect, the company's flagship big data platform that converts network data – including NetFlow, sFlow, IPFIX and BGP – into business intelligence and will have access to the most granular, real-time traffic analysis, DDoS and anomaly detection, as well as intuitive peering analytics.

Kentik Detect stores raw flow records, BGP and other data for 90 days and offers powerful analysis on billions of data points in seconds, establishing dashboards, data patterns and baselines to help distinguish what is normal or not. Kentik's services are available in all France-IX points of presence (PoPs) in Paris: Interxion PAR1, PAR2 and PAR5, Iliad DC2 and DC3, Telehouse 2 and 3, and Equinix Telecity PA6 and PA7.

Delphine Masciopinto, chief commercial officer at France-IX, added: "We will keep adding further services, such as Kentik's, to provide the best innovations to our members. With this unique partnership, France-IX adds Software-as-a-Service to the six other services already available through its Marketplace. Kentik's disruptive services illustrate perfectly what the France-IX Marketplace is all about: the perfect toolkit for agile network managers looking for the best value for money in record times."



France IX adds Kentik to marketplace sellers

Monday 8 May 2017 | 09:31 CET | News

Peering service provider France-IX has announced that cloud-based networking analytics specialist Kentik has joined its marketplace programme with an exclusive offer. As the latest France-IX marketplace seller, Kentik will provide any France-IX member in Paris a single licence for its software Kentik Detect free of charge. Kentik specialises in network traffic intelligence, offering protection against denial-of-service (DDoS) attacks via network data analysis.

France-IX hits 100Gbps ports milestone



16 May 2017 | Jason Mcgee-Abe

France-IX, a premier internet peering service provider in France, today announced that it delivered its tenth 100Gbps port last month.

"We are very pleased and proud to have reached the important milestone of ten 100Gbps ports so rapidly after their launch. This milestone highlights not only the dynamism of the interconnection market in France, but also France-IX's maturity level, allowing an effective community aggregation and the development of new services," said Franck Simon, President at France-IX.

"From major carriers to content networks, we are helping our members to meet ever growing demand from an online content-hungry public and to expand their capacity in line with future traffic needs without being afraid of reaching saturation point."

The first members to sign up for the 100Gbps service were OVH for France-IX Paris and Reliance Jio for France-IX Marseille. Today, a variety of leading Internet networks have chosen to increase their France-IX peering capacity via 100Gbps ports including French carriers (Bouygues Telecom), high growth international carriers (Reliance Jio), public cloud providers (Amazon, Microsoft), content delivery networks (Limelight), content and hosting service providers (OVH, Online, Yahoo), as well as video game developer and digital distribution companies (Valve).

"At France-IX, we focus on how to provide our members with what they need to meet the demands of their customers, from capacity to optimal connectivity and market-based prices," added Simon. "Our strategy for 2017 is to anticipate the Internet traffic growth and always meet our members' expectations looking for reliable and affordable options. As a consequence, we are focusing on finding new and innovative ways to increase the density of our infrastructure while optimising our costs for the benefits of our members."

France-IX currently has 345 members in Paris and Marseille. In March 2017, Internet traffic hit a new peak record of 800Gbps, representing a 45% annual growth. The France-IX 100Gbps ports are available in all France-IX points of presence in Paris and Marseille: Equinix-Telecity PA6 and PA7, Iliad DC2 and DC3, Interxion PAR1, PAR2 et PAR5, Telehouse 2 and 3, Interxion MRS1 and Jaguar Network MRS01. Provisioning takes on average three business days. The 100Gbps ports pricing strategy aims to satisfy the cost-consciousness of France-IX members offering a ratio of an equivalent five 10Gbps ports.

France-IX hits milestone of ten 100Gbps ports delivered

By [Shannon Ashe-Law](#) | May 16th, 2017 | Categories: [100G](#), [European Service Provider](#), [Internet](#), [Internet Exchange](#), [Internet Service Providers](#), [IP Exchange](#), [IP peering](#), [IP Solutions](#), [IP transit](#), [ITW](#), [peering](#), [Peering exchange](#), [service providers](#), [Technology](#), [Telecom](#), [telecom industry blog](#), [telecom news](#), [telecom news blog](#), [Telecommunications](#) | Tags: [100Gbps](#), [France-IX](#), [Internet Peering Service Provider](#), [ITW](#), [ITW 2017 News](#), [IX](#), [peering](#)



This week, the ITW 2017 floor has been buzzing with exciting news. One company in particular being France-IX and their impressive IXP growth reflects winning formula of strong traffic increase and affordable pricing. **France-IX, the premier Internet Peering Service Provider in France, announced that it delivered its tenth 100Gbps port last month.**

The first members to sign up for the 100Gbps service were OVH for France-IX Paris and Reliance Jio for France-IX Marseille. Today, a variety of leading Internet networks have chosen to increase their France-IX peering capacity via 100Gbps ports including French carriers (Bouygues Telecom), high growth international carriers (Reliance Jio), public cloud providers (Amazon, Microsoft), content delivery networks (Limelight), content and hosting service providers (OVH, Online, Yahoo), as well as video game developer and digital distribution companies (Valve).

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Read the full release here.

For more on this company, visit: **www.franceix.net**

France-IX Delivers Tenth 100Gbps Port

POSTED BY TARA SEALS ON MAY 16, 2017 IN CORE COMMUNICATIONS, DATA CENTERS, INT'L AGENTS, NEWS | 27 VIEWS |
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France-IX, an internet peering service provider in France, has delivered its tenth 100Gbps port.

“We are very pleased and proud to have reached the important milestone of ten 100Gbps ports so rapidly after their launch. This milestone highlights not only the dynamism of the interconnection market in France, but also France-IX’s maturity level, allowing an effective community aggregation and the development of new services,” said Franck Simon, President at France-IX. “From major carriers to content networks, we are helping our members to meet ever growing demand from an online content-hungry public and to expand their capacity in line with future traffic needs without being afraid of reaching saturation point.”

The first members to sign up for the 100Gbps service were OVH for France-IX Paris and Reliance Jio for France-IX Marseille. Other customers include French carrier Bouygues Telecom, public cloud providers Amazon and Microsoft, content delivery network Limelight, content and hosting service providers Online and Yahoo, as well as video game developer and digital distribution company Valve.

“At France-IX, we focus on how to provide our members with what they need to meet the demands of their customers, from capacity to optimal connectivity and market-based prices,” added Simon. “Our strategy for 2017 is to anticipate the internet traffic growth and always meet our members’ expectations looking for reliable and affordable options. As a consequence, we are focusing on finding new and innovative ways to increase the density of our infrastructure while optimizing our costs for the benefits of our members.”

[READ ALSO: Powernet Organizes Taste of Avondale to Raise Heart Health Awareness](#)

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France-IX hits milestone of ten members using 100Gbps ports

Wednesday 17 May 2017 | 19:43 CET | News

Internet exchange point (IXP) France-IX announced that in April it has reached the milestone of ten members connected with a 100 Gbps port. After [OVH in December 2015](#) and [Reliance Jio in December 2016](#), eight more companies have chosen to increase their peering capacity via 100Gbps ports, which are available in all France-IX points of presence in Paris and Marseille. These include Bouygues Telecom, Amazon, Microsoft, Limelight, Online, Yahoo and video game developer Valve.

The overall number of France-IX members has reached 345 across Paris and Marseille, with a growing demand for additional capacity. In March, internet traffic hit a new peak record of 800 Gbps, representing a 45 percent annual growth.

France-IX reaches ten 100-Gbps ports milestone



France-IX
Thursday 18 May 17

France-IX, the premier Internet Peering Service Provider in France, today announced that it delivered its tenth 100Gbps port last month.

"We are very pleased and proud to have reached the important milestone of ten 100Gbps ports so rapidly after their launch. This milestone highlights not only the dynamism of the interconnection market in France, but also France-IX's maturity level, allowing an effective community aggregation and the development of new services," says Franck Simon, President at France-IX. "From major carriers to content networks, we are helping our members to meet ever growing demand from an online content-hungry public and to expand their capacity in line with future traffic needs without being afraid of reaching saturation point."



The first members to sign up for the 100Gbps service were OVH for France-IX Paris and Reliance Jio for France-IX Marseille. Today, a variety of leading Internet networks have chosen to increase their France-IX peering capacity via 100Gbps ports including French carriers (Bouygues Telecom), high growth international carriers (Reliance Jio), public cloud providers (Amazon, Microsoft), content delivery networks (Limelight), content and hosting service providers (OVH, Online, Yahoo), as well as video game developer and digital distribution companies (Valve).

"At France-IX, we focus on how to provide our members with what they need to meet the demands of their customers, from capacity to optimal connectivity and market-based prices," continues Franck Simon. "Our strategy for 2017 is to anticipate the Internet traffic growth and always meet our members' expectations looking for reliable and affordable options. As a consequence, we are focusing on finding new and innovative ways to increase the density of our infrastructure while optimizing our costs for the benefits of our members."

France-IX currently has 345 members in Paris and Marseille. In March 2017, Internet traffic hit a new peak record of 800 Gbps, representing a 45% annual growth. The France-IX 100Gbps ports are available in all France-IX points of presence in Paris and Marseille: Equinix-Telecity PA6 and PA7, Iliad DC2 and DC3, Interxion PAR1, PAR2 et PAR5, Telehouse 2 and 3, Interxion MRS1 and Jaguar Network MRS01. Provisioning takes on average three business days. The 100Gbps ports pricing strategy aims to satisfy the cost-consciousness of France-IX members offering a ratio of an equivalent five 10Gbps ports.

France-IX hits milestone of 10 100Gbps ports delivered

France-IX, the premier Internet Peering Service Provider in France, has announced that it delivered its tenth 100Gbps port last month.

Franck Simon, France-IX's president, said: 'We are very pleased and proud to have reached the important milestone of 10 100Gbps ports so rapidly after its launch.'

'This milestone highlights not only the dynamism of the interconnection market in France, but also France-IX's maturity level, allowing an effective community aggregation and the development of new services.'

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Mr Simon added: 'At France-IX, we focus on how to provide our members with what they need to meet the demands of their customers, from capacity to optimal connectivity and market based prices.'

For further information visit: www.franceix.net



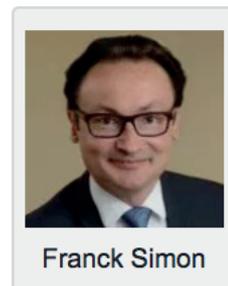
Carriers or Enterprise branching out to Europe may want their first stop to be France-IX

June 26, 2017 // Channel Daily News, Don Witt, Podcasts, Press Releases

France-IX has announced that they will be supporting 100Gb service for their members. Franck Simon, President at France-IX, continues to explain to Don Witt of The Channel Daily News, a TR publication that their bandwidth demand has been based on current traffic which is composed of video streaming, content and gaming primarily. There is telephone demands and some IoT demands as well. Currently support for G3 & G4 is provided. As the technology evolves for G5, it will also be supported.



Franck goes on to say the France-IX exchange provides a Peering service for members composed of Operators, Providers and Internet networks all connected together. The Peering service is a point to point communication between two networks.



France-IX also offers a market place where members can sell their technology solutions to others. Typical products would include:

- Security
- VPN
- Cloud Services

In December 2009, France-IX was born to federate all French operators in **Paris** and to provide a high quality of service. They were supported by first-class entities and founding members who are **Akamai, Jaguar Network, Neo Telecoms** (become Zayo France), **Interxion, Google** and **Bouygues Telecom**. Their *IXP* aims to ease the *exchanges of data*, communications and transactions on the Internet and to develop French and international operators and services providers transit through Paris and Marseille.



Partnerships were and are still being implemented to make sure that the ISPs and content providers present on **France-IX** can not only peer with other partners on our IX, but also peer with companies connected on other IXPs.



For more information, go to: <https://www.franceix.net/en/>



Djibouti Telecom peers at France-IX's IXPs in Paris and Marseille

Thursday 10 August 2017 | 17:25 CET | News

Djibouti Telecom has become the first France-IX's member head-quartered in the African continent to start peering at both the Internet Exchange Points in Paris and Marseille.

Announcing the news, France-IX said that Djibouti Telecom now benefitted from a direct traffic exchange with other networks and on-demand content providers via a 10Gbps port at each IXP.

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NEWS ANALYSIS
RAY LE MAISTRE,
Editor-in-Chief
8/10/2017

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In today's EMEA regional roundup: Has Telit CEO's past caught up with him?; Omantel takes a near 10% stake in Zain; Interoute improves its margins; Ericsson lands role in smart meter project.

- Oozi Cats, the marvellously-named CEO of IoT module Telit, has taken a "leave of absence" while the company reviews "speculation regarding historical indictments" in the US that "are unrelated to Telit and significantly pre-date its establishment." The speculation, as reported by Reuters, suggests that Cats might also be the Uzi Kats who was allegedly involved in a real estate fraud scheme in the US in the 1990s. Although the case was dropped, it was not mentioned in Telit's prospectus when it went public on London's AIM market in 2005. Telit's stock crashed by about 45% Wednesday to 120 pence following the news, though it has recovered slightly today to 135.5 pence. The company recently reported first half revenues of US\$177.6 million, up 6.9% year-on-year.

- There's M&A action in the Middle East as Oman Telecommunications Co. (Omantel) has agreed to acquire a 9.84% stake in Zain Group for \$846.1 million. "Acquiring a minority stake in Zain is a deliberate investment for Omantel as we position ourselves as a leading digital service provider," states Omantel's CFO Martial Caratti in a media announcement. "This is in line with our Corporate Strategy 3.0, launched in 2015. We have always emphasised that growth will come from continued diversification, and this acquisition positions Omantel for the future." Zain Group, which has about 45.2 million mobile customers in eight markets, is mainly focused on the Middle East, where it has operations in Saudi Arabia, Iraq, Bahrain, Kuwait, Jordan and Lebanon, but it is also a major mobile operator in the Republic of Sudan, where it is the mobile market leader with about 55% market share, and in South Sudan. For the first six months of 2017, Zain reported revenues of 508 million Kuwaiti Dinar (\$1.67 billion), down 8% year-on-year in KWD terms. (See Sudan Weighs on Zain's H1 Financials.)

- Pan-European cloud, enterprise and wholesale service provider Interoute Communications Ltd. reported a slight year-on-year dip in second quarter revenues to €177 million (\$208 million), but a 52% increase in EBITDA to €38 million (\$44.6 million).

- Ericsson AB (Nasdaq: ERIC) has landed a role in a consortium led by Zain Kuwait that will undertake a major utilities digital transformation project. The project involves the deployment of a smart metering system in Kuwait, for which Ericsson will supply an Enterprise and Cloud Billing solution, a Multiservice Delivery Platform and a range of managed services related to IoT applications and network operations and security. For more, read this report from our sister site Telecoms.com: Ericsson gets Zain Kuwait digital transformation gig.

- UK mobile operator Three UK has confirmed it will be launching a legal challenge to Ofcom's reforms of the 5G spectrum auction. To find out more, read yet more coverage from Telecoms.com: Is Three's call for a judicial review just a stalling tactic?

- Danish incumbent operator TDC A/S (Copenhagen: TDC) says it will be taking steps to address its TV customer base declines following the loss of a further 23,000 TV customers in Denmark during the second quarter, reports Digital TV Europe. The operator reported a 2.9% year-on-year dip in second quarter revenues to 5.05 billion Danish Krone (\$795 million) and a 34% decline in adjusted operating profit to DKK413 million (\$65 million).

- [Djibouti Telecom](#), the East African nation's government-owned network operator, has struck a deal to peer its traffic through the Internet Exchange Points (IXPs) in Paris and Marseille run by [France-IX Services](#) . The operator says the move will reduce latency on its IP network, which plays an important role in connecting service providers and enterprises in East Africa to the rest of the world. (See [The Making of Africa's Most Strategic Bandwidth Hub](#).)
- Ericsson reports that [Francisco Partners](#) has completed its \$200 million investment in [iconectiv](#), an independent subsidiary of the Swedish giant. For its cash, the investment firm gets a 16.7% stake in iconectiv, which develops network interconnect solutions. (See [Francisco Partners Invests in Ericsson's iconectiv](#).)



Clayton Vallabhan
@BroadcastProME



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Djibouti Telecom sign's contract with France IX

📖 3 Min Read ⌚ August 10, 2017



Djibouti Telecom has signed a contract with France-IX, the leading Internet Exchange in France, to peer its IP traffic through France-IXs IXPs in Paris and Marseille. With this agreement, Djibouti Telecom enhances its network performance for its customers by decreasing latency on its IP network. This is possible thanks to a direct traffic exchange with other networks and on-demand content providers via a 10Gbps Port at each IXP. For Djibouti Telecoms network customers, this will deliver a significant improvement in quality of service with faster and more stable access to a large amount of French-language content.

France-IX Internet Exchange platform interconnects several hundreds of telecommunications operators, service providers and content delivery networks that have significant traffic in France. This peering activity improves the accessibility and latency of Internet traffic exchanged between its members and thus improves the overall performance of the Internet for all users. In addition, it allows members to exchange value added services on the basis of an optimised network infrastructure.

For Djibouti Telecom's IP transit services customers, the connection to France-IX opens up an alternative route and allows them to optimise their traffic. For some destinations, it can significantly shorten data travel distance and improve response times. For the existing France-IX peering community, this new connection paves the way for additional customers and allows them to offer their services under satisfactory technical conditions. This is particularly the case for IaaS, PaaS and cloud services providers in general, based in Europe, for whom the quality of the connection between their infrastructures and the end users is paramount.

In recent years, Djibouti Telecom has been able to actively benefit from its advantageous geographic location, the stability of the country and its modern infrastructure. Marseille, where Djibouti Telecom benefits from the landing of recent subsea cables Asia-Africa-Europe 1 (AAE-1) and South East Asia-Middle East-Western Europe 5 (SMW-5), in addition to its existing capacity on Europe-India-Gateway (EIG) and Seacom, is a natural destination for us and we are delighted to be also peering in Paris, with all the advantages that it will bring in terms of access to content and IP transit, explains Mohamed Assoweh Bouh, Director General of Djibouti Telecom. This agreement will not only benefit our final customers but also a number of African service providers, network providers and carriers based in Ethiopia, Somalia, Yemen, Madagascar, Mauritius and Seychelles that use Djibouti Telecom as a hub.

This agreement is a major step for Djibouti Telecom, which is well positioned to support East-Africas digital transformation. France-IX has a growing African membership in both Paris and Marseille and Djibouti Telecom has become the first member with its head-quarters in the African continent to connect in both cities at the same time, explains Simon Muyal, Chief Technical Officer at France-IX.

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Djibouti Telecom Turns To South Europe To Boost Content Traffic In Africa

By [João Marques Lima](#) | PUBLISHED: 06:52, 12 August, 2017 | UPDATED: 10:35, 5 February, 2018



New connectivity agreement to boost data travels across Djibouti, Ethiopia, Somalia, Yemen, Madagascar, Mauritius and Seychelles.

Government-run Djibouti Telecom is readying to peer its IP traffic through French internet exchange operator France-IX.

The network operator is set to deploy in both France-IX's IXPs in Paris and Marseille in a bid to enhance its network performance for its customers by decreasing latency on its IP network.

The France-IX Internet Exchange platform interconnects several hundreds of telecommunications operators, service providers and content delivery networks that have significant traffic in France.

This peering activity improves the accessibility and latency of Internet traffic exchanged between its members and thus improves the overall performance of the Internet for all users.

The new peering agreement is set to significantly shorten data travel distance and improve response times.

For the existing France-IX peering community, the new connection is deemed as a door opener that paves the way for additional customers.

"This is particularly the case for IaaS, PaaS and cloud services providers in general, based in Europe, for whom the quality of the connection between their **infrastructures and the end users** is paramount," Djibouti Telecom said in a company statement.

Mohamed Assoweh Bouh, Director General of Djibouti Telecom, said: "In recent years, Djibouti Telecom has been able to actively benefit from its advantageous geographic location, the stability of the country and its modern infrastructure.

"Marseille, where Djibouti Telecom benefits from the landing of recent subsea cables Asia-Africa-Europe 1 (AAE-1) and South East Asia-Middle East-Western Europe 5 (SMW-5), in addition to its existing capacity on Europe-India-Gateway (EIG) and Seacom, is a natural destination for us and we are delighted to be also peering in Paris, with all the advantages that it will bring in terms of access to content and IP transit.

"This agreement will not only benefit our final customers but also a number of African service providers, network providers and carriers based in Ethiopia, Somalia, Yemen, Madagascar, Mauritius and Seychelles that use Djibouti Telecom as a hub."

Simon Muyal, Chief Technical Officer at France-IX, said: "This agreement is a major step for Djibouti Telecom, which is well positioned to support East-Africa's digital transformation."

More On: [Djibouti Telecom](#) | [Telecommunications](#) | [IaaS](#) | [Paas](#) | [Djibouti](#)



News feed | Samoa to be TE SubCom base for Pacific subsea cable maintenance

Djibouti Telecom peers its IP traffic through France-IX's IXPs



11 August 2017 | Natalie Bannerman

France-IX confirms that Djibouti Telecom has signed an agreement to peer its IP traffic through the leading French internet exchange's Paris and Marseille IXPs.



Through a direct traffic exchange with other networks and on-demand content providers via a 10Gbps port at each IXP, Djibouti Telecom, the government-run telecommunications incumbent in the Djibouti Republic, reduces latency on its IP network and increases performance for its customers. As a result, Djibouti Telecom customers will receive stable access to a large amount of French-language content and improved quality of service.

Speaking on the deal, Mohamed Assoweh Bouh, CEO at Djibouti Telecom, said: "In recent years, Djibouti Telecom has been able to actively benefit from its advantageous geographic location, the stability of the country and its modern infrastructure. Marseille, where Djibouti Telecom benefits from the landing of recent subsea cables Asia-Africa-Europe 1 (AAE-1) and South East Asia-Middle East-Western Europe 5 (SEA-ME-WE 5), in addition to its existing capacity on Europe-India-Gateway (EIG) and Seacom, is a natural destination for us and we are delighted to be also peering in Paris, with all the advantages that it will bring in terms of access to content and IP transit. This agreement will not only benefit our final customers but also a number of African service providers, network providers and carriers based in Ethiopia, Somalia, Yemen, Madagascar, Mauritius and Seychelles that use Djibouti Telecom as a hub."

The France-IX internet exchange platform interconnects several hundred telecommunications operators, service providers and content delivery networks. Peering improves the accessibility and latency of internet traffic exchanged between those members, in addition, it allows members to exchange value added services.

For some destinations, the connection to France-IX can significantly shorten data travel distance and improve response times, providing an alternative route for Djibouti Telecom's IP transit services customers, allowing them to optimise their traffic.

For the existing France-IX peering community, particularly the IaaS, PaaS and cloud services providers, this new connection gives them access to additional customers and allows them to offer their services.

"This agreement is a major step for Djibouti Telecom, which is well positioned to support East-Africa's digital transformation. France-IX has a growing African membership in both Paris and Marseille and Djibouti Telecom has become the first member with its head-quarters in the African continent to connect in both cities at the same time," said Simon Muyal, chief technical officer at France-IX.

Topics: Djibouti Telecom, France-IX, IXP, Traffic, Exchange, French, Africa, Mohamed Assoweh Bouh, Paris

OPTICAL / FIXED NETWORKS

Djibouti Telecom peers at France-IX Paris and Marseille Internet Exchange

JAMES BARTON 11 AUGUST 2017 1398 views



PRINT EMAIL



Djibouti Telecom has signed a contract with France-IX to peer its IP traffic through France-IX's IXPs in Paris and Marseille.

With this agreement, the government-run network operator enhances its network performance for its customers by decreasing latency on its IP network. This is possible thanks to a direct traffic exchange with other networks and on-demand content providers via a 10Gbps Port at each IXP. For Djibouti Telecom's network customers, this will deliver a significant improvement in quality of service with faster and more stable access to a large amount of French-language content.

The France-IX Internet Exchange platform interconnects several hundreds of telecommunications operators, service providers and content delivery networks that have significant traffic in France. This peering activity improves the accessibility and latency of Internet traffic exchanged between its members and thus improves the overall performance of the Internet for all users. In addition, it allows members to exchange value added services on the basis of an optimised network infrastructure.

For Djibouti Telecom's IP transit services customers, the connection to France-IX opens up an alternative route and allows them to optimise their traffic. For some destinations, it can significantly shorten data travel distance and improve response times. For the existing France-IX peering community, this new connection paves the way for additional customers and allows them to offer their services under satisfactory technical conditions. This is particularly the case for IaaS, PaaS and cloud services providers in general, based in Europe, for whom the quality of the connection between their infrastructures and the end users is paramount.

"In recent years, Djibouti Telecom has been able to actively benefit from its advantageous geographic location, the stability of the country and its modern infrastructure. Marseille, where Djibouti Telecom benefits from the landing of recent subsea cables Asia-Africa-Europe 1 (AAE-1) and South East Asia-Middle East-Western Europe 5 (SMW-5), in addition to its existing capacity on Europe-India-Gateway (EIG) and Seacom, is a natural destination for us," explains Mohamed Assoweh Bouh, Director General of Djibouti Telecom. "This agreement will not only benefit our final customers but also a number of African service providers, network providers and carriers based in Ethiopia, Somalia, Yemen, Madagascar, Mauritius and Seychelles that use Djibouti Telecom as a hub."

"This agreement is a major step for Djibouti Telecom, which is well positioned to support East-Africa's digital transformation. France-IX has a growing African membership in both Paris and Marseille and Djibouti Telecom has become the first member with its headquarters in the African continent to connect in both cities at the same time," explains Simon Muyal, Chief Technical Officer at France-IX.



Clayton Vallabhan

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Djibouti Telecom signs contract with France IX

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For Djibouti Telecom's IP transit services customers, the connection to France-IX opens up an alternative route and allows them to optimise their traffic. For some destinations, it can significantly shorten data travel distance and improve response times

Djibouti Telecom has signed a contract with France-IX, the leading Internet Exchange in France, to peer its IP traffic through France-IX's IXPs in Paris and Marseille. With this agreement, Djibouti Telecom enhances its network performance for its customers by decreasing latency on its IP network. This is possible thanks to a direct traffic exchange with other networks and on-demand content providers via a 10Gbps Port at each IXP. For Djibouti Telecom's network customers, this will deliver a significant improvement in quality of service with faster and more stable access to a large amount of French-language content.



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"This agreement is a major step for Djibouti Telecom, which is well positioned to support East-Africa's digital transformation. France-IX has a growing African membership in both Paris and Marseille and Djibouti Telecom has become the first member with its head-quarters in the African continent to connect in both cities at the same time," explains Simon Muyal, Chief Technical Officer at France-IX.



Angola Cables launches remote peering service at France-IX Marseille

Tuesday 22 August 2017 | 14:34 CET | News

France-IX, the premier Internet Peering Service Provider in France, has announced that Angola Cables has launched a remote peering service that will significantly boost the connectivity between the peering community at France-IX Marseille and the peering members at its own IXP, Angonix, in Luanda, Capital of Angola.

This new remote peering service will reduce latency and costs for global and national carrier networks, CDNs, social networks and cloud & IT service providers looking to establish themselves in sub-Saharan Africa to gain access to local markets; and reduce international IP-transit costs for local ISPs and network operators as well as increase their access to French language content and services.

Angola Cables is a partner in the development of data centres in Luanda and Fortaleza, Brazil, in the building of the SACS (South Atlantic Cable System) subsea cable, which is the first in the Southern Hemisphere to directly connect Brazil to Africa. When complete, this will connect to Angola Cable's European system and then later to the Middle and Far East, strengthening Angola Cables' position as a worldwide interconnection provider.

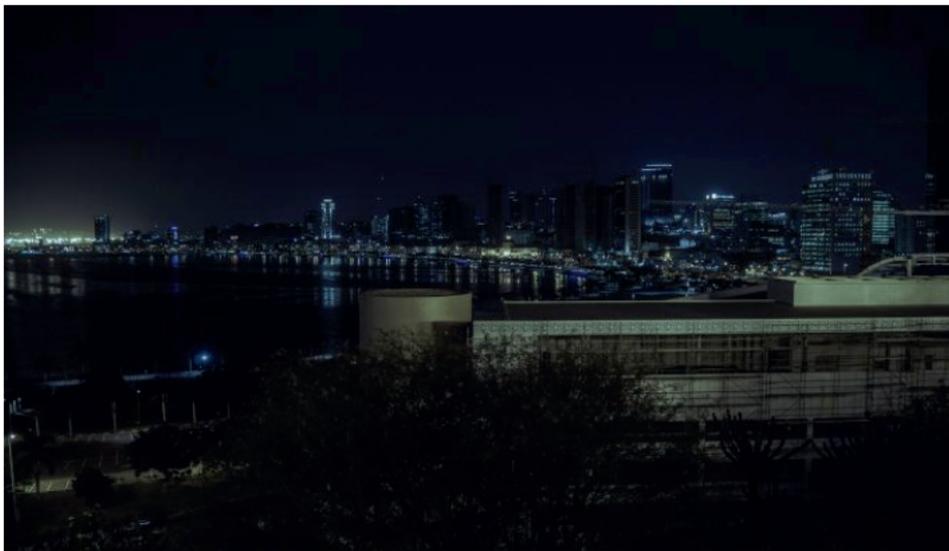


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France-IX Lands Second Major African Telco Deployment In 10 Days

By João Marques Lima | PUBLISHED: 02:08, 23 August, 2017 | UPDATED: 10:35, 5 February, 2018



Global and national carrier networks, CDNs, social networks and cloud and IT service providers set to tap into peering service to access sub-Saharan Africa.

Angola Cables has established a point-of-presence at internet peering service provider France-IX's data centre in Marseille, the second African telecommunications giant to do so in the last two weeks following [Djibouti Telecom](#).

The remote peering service at the French site is set to "significantly boost the connectivity" between the peering community at France-IX Marseille and the peering members at Angola Cables' own IXP, Angonix, in Luanda.

The peering service will be used by global and national carrier networks, CDNs, social networks and cloud and IT service providers looking to establish themselves in sub-Saharan Africa to gain access to local markets.

According to Darwin Costa Product Manager at Angola Cables, by joining the France-IX Marseille peering community, data traffic has increased by more than threefold.

Darwin Costa Product Manager at Angola Cables, said: "At Angola Cables, our infrastructure and connectivity network play a vital role in the development of successful local companies and businesses, helping to facilitate progress and development in communities where our customers and partners operate such as Angola, South Africa, Portugal, DCR, Congo and Cameroon.

"Peering at France-IX Marseille and offering a remote peering service is part of the ongoing development of our network to ensure that our customers and partners have access to the latest communication technology and retain us as their ideal partner for international connectivity and high-quality Internet services."

Delphine Masciopinto, Chief Commercial Officer at France-IX, said: "Angola Cables interconnects global networks, network operators and content providers to keep local traffic local, and offer international content providers and networks a basis for peering on the African continent.

"Through its latest investments and developments in international, national and local infrastructures, in addition to its connectivity at France-IX Marseille, Angola Cables is developing a connectivity ring that connects the African, American and European continents, making it an attractive proposition for any company wanting low latency and high quality Internet connectivity."

Angola Cables is a partner in the development of data centres in Luanda and Fortaleza, Brazil, in the building of the SACS (South Atlantic Cable System) subsea cable, which is the **first in the Southern Hemisphere to directly connect Brazil to Africa**.

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Angola Cables launches France-IX Marseille remote peering service



23 August 2017 | Jason Mcgee-Abe

Angola Cables has joined the peering community at France-IX Marseille will significantly boosting connectivity there and to peering members at its own IXP, Angonix, in the Angolan capital Luanda.

This new remote peering service significantly boosts connectivity between international carrier networks, CDNs, social networks, cloud and IT service providers with local Angolan and other African ISPs peering at Angonix.

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It will also reduce latency and costs for global and national carrier networks, CDNs, social networks and cloud and IT service providers looking to establish themselves in sub-Saharan Africa to gain access to local markets; and reduce international IP-transit costs for local ISPs and network operators as well as increase their access to French language content and services.

“Peering at France-IX Marseille and offering a remote peering service is part of the ongoing development of our network to ensure that our customers and partners have access to the latest communication technology and retain us as their ideal partner for international connectivity and high quality internet services,” said Darwin Costa, product manager at Angola Cables.

“Since joining the France-IX Marseille peering community in May of 2017, we have seen a more than threefold increase in traffic. We anticipate gaining new remote peering customers from across Africa and also from South America, once the South Atlantic Cable System is complete.”

Angola Cables is a partner in the development of data centres in Luanda and Fortaleza, Brazil, in the building of the South Atlantic Cable System (SACS) subsea cable, which is the first in the Southern Hemisphere to directly connect Brazil to Africa. **Work on the first phase of the 6,500km cable has begun** and when it is completed it will connect to Angola Cable’s European system and then later to the Middle and Far East, strengthening Angola Cables’ position as a worldwide interconnection provider.

Delphine Masciopinto, chief commercial officer at France-IX, added: "In addition to being one of our newest peers in the African continent, we are thrilled to develop our partnership with Angola Cables further through our shared common goal of enhancing the overall quality of the internet.

“Angola Cables interconnects global networks, network operators and content providers to keep local traffic local, and offer international content providers and networks a basis for peering on the African continent. Through its latest investments and developments in international, national and local infrastructures, in addition to its connectivity at France-IX Marseille, Angola Cables is developing a connectivity ring that connects the African, American and European continents, making it an attractive proposition for any company wanting low latency and high quality internet connectivity.”

Follow @JasonMcGeeAbe

Topics: Angola Cables, Angola, France-IX, France, IX, Marseille, peering, ICP, Angonix

Angola Cables connects France-IX to Angonix

23 August 2017 | By Max Smolaks



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Two Internet exchanges linked to benefit Angola and its neighbors

Submarine cable operator Angola Cables has launched a remote peering service at France-IX Marseille, which serves as a preferred peering location for companies like Amazon, Google, Microsoft, Seacom and WIOCC.

The service will improve connectivity between customers at France-IX and those peering at Angola Cables' own IXP, Angonix, located in Luanda, capital of Angola.

The announcement was made at the 8th African Peering and Interconnection Forum (AfPIF) in Abidjan, Côte D'Ivoire.

Modernizing infrastructure

France-IX is the premier Internet peering service provider in France, with major exchange points located in Paris and Marseille. The latter actually hosts two Points of Presence: the first is located at the Interxion MRSi data center, and the second - at the Jaguar Network's MRSOI facility.

Angola Cables is a multinational telecommunications company founded in 2009, operating mostly in the wholesale fiber market.

It is involved in several major submarine cable projects, including the existing West Africa Cable System (linking South Africa to the UK) and upcoming South Atlantic Cable System (Angola-Brazil) and MONET (US-Brazil).



Source: Angola Cables

Angola Cables also operates Angonix - the third largest Internet exchange in Africa - and runs two data centers, located in Fortaleza and Luanda.

The new peering service at France-IX will reduce latency and costs for global and national carrier networks, CDNs and cloud providers looking to establish themselves in sub-Saharan Africa. It will also reduce international IP-transit costs for local ISPs and network operators.

“At Angola Cables, our infrastructure and connectivity network play a vital role in the development of successful local companies and businesses, helping to facilitate progress and development in communities where our customers and partners operate such as Angola, South Africa, Portugal, DCR, Congo and Cameroon,” said Darwin Costa, product manager at Angola Cables.

“Since joining the France-IX Marseille peering community in May of 2017, we have seen a more than threefold increase in traffic. We anticipate gaining new remote peering customers from across Africa and also from South America, once the South Atlantic Cable System is complete.”



Angola Cables infrastructure map

Source: Angola Cables



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Home » Data Center » Angola Cables establishes remote peering service via France-IX Marseille

Angola Cables establishes remote peering service via France-IX Marseille

August 28, 2017

By Sara K. Madden

Wholesale carrier Angola Cables has launched a remote peering service to improve the connectivity between the peering community at France-IX Marseille and the peering members at its own internet exchange point, Angonix, in the Angolan capital of Luanda.



Angola Cables is a partner in the development of **data centers** in Luanda and Fortaleza, Brazil, and in the building of the South Atlantic Cable System (SACS) **undersea cable**, the first direct subsea link between Africa and South America in the southern hemisphere. Earlier this month, Angola Cables confirmed progress in construction of the 6,500-km undersea cable with an official launch in Sangano, Angola (see "[Angola Cables announces launch of South Atlantic Cable System](#)"). When finished, the SACS will position Angola Cables as a global interconnection provider by linking to Angola Cable's European system and eventually to the Middle and Far East.

"Peering at France-IX Marseille and offering a remote peering service is part of the ongoing development of our network to ensure that our customers and partners have access to the latest communication technology and retain us as their ideal partner for international connectivity and high-quality internet services," said Darwin Costa, Angola Cables product manager. "Since joining the France-IX Marseille peering community in May of 2017, we have seen a more than threefold increase in traffic. We anticipate gaining new remote peering customers from across Africa and also from South America, once the South Atlantic Cable System is complete."

The new remote peering service will enhance connectivity between international carrier networks, CDNs, social networks, cloud, and IT service providers and local Angolan and other African ISPs peering at Angonix, says France-IX. It will also minimize latency and costs, says the exchange, while increasing French language content and services access.

"In addition to being one of our newest peers in the African continent, we are thrilled to develop our partnership with Angola Cables further through our shared common goal of enhancing the overall quality of the Internet. Angola Cables interconnects global networks, network operators, and content providers to keep local traffic local, and offer international content providers and networks a basis for peering on the African continent," said Delphine Masciopinto, France-IX chief commercial officer. "Through its latest investments and developments in international, national and local infrastructures, in addition to its connectivity at France-IX Marseille, Angola Cables is developing a connectivity ring that connects the African, American and European continents, making it an attractive proposition for any company wanting low latency and high-quality Internet connectivity."

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Networks ▶ Angola

Angola Cables links up with France-IX with new remote peering service

Published on 29 August 2017
By Paul Adepoju



Angola Cables, a multinational telecommunications company, has launched a remote peering service to boost connectivity between the peering community at internet peering service provider France-IX Marseille and the peering members at its own IXP, Angonix, in the Angolan capital Luanda.

The company believes the service will strengthen links between international carrier networks, content delivery networks, social networks, cloud and IT service providers, as well as Angolan and other African ISPs peering at Angonix.

The telecoms company said this new remote peering service will reduce latency and costs for operators looking to establish themselves in sub-Saharan Africa and gain **access**

to local markets.

It adds that the service will reduce international IP-transit costs for local ISPs and network operators as well as increase their access to French language content and services.

Darwin Costa, Product Manager at Angola Cables, said, "Peering at France-IX Marseille and offering a remote peering service is part of the ongoing development of our network to ensure that our customers and partners have access to the latest communication technology and retain us as their ideal partner for international connectivity and high quality Internet services."

"Since joining the France-IX Marseille peering community in May of 2017, we have seen a more than threefold increase in traffic. We anticipate gaining new remote peering customers from across Africa and also from South America, once the South Atlantic Cable System is complete," he added.

Angola Cables is a partner in the development of data centres in Luanda and Fortaleza, Brazil, in the building of the SACS (South Atlantic Cable System), which is the first in the southern hemisphere to directly connect Brazil to Africa.

When complete, this will connect to Angola Cable's European system and then later to the Middle and Far East.

Delphine Masciopinto, Chief Commercial Officer at France-IX Marseille. "In addition to being one of our newest peers in the African continent, we are thrilled to develop our partnership with Angola Cables further through our shared common goal of enhancing the overall quality of the internet."

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Int'l Bytes: GTT, France-IX, AT&T

August 24th, 2017 by Rob Powell · Leave a Comment



1

We are nearing the end of August, and as usual not much is happening. But there are a few items on the international front to look at:

GTT is [taking its global low latency services to South America](#). With a new turnkey solution of connectivity, proximity hosting, time synchronization, and various managed services, the managed network operator hopes to tap into demand from multinationals that need access to the B3 Bolsa Balcao Brasil SA exchange and other financial market destinations in the region. GTT's Express cable, formerly of Hibernia of course, will play an important part of the European leg of such services. In Brasil, B3 has a new colo facility and matching engine launching in November of this year.

France-IX has gained some more African connectivity. Angola Cables has [launched a remote peering service at the company's Marseille exchange](#) for the company's own Angonix exchange. his one surely Angola Cables has been busy over the last few years with the South Atlantic Cable System and its involvement with the upcoming Monet cable as well, but this deployment is more about its connectivity to the east. In Marseille the network operator can better hook up to the various cables through the Red Sea to the east coast of Africa and India and the Far East.

And speaking of Brazil, AT&T has ran into a bit of a snag down there. The Brazilian regulator CADE is apparently [opposing the company's buyout of Time Warner](#). AT&T owns the Brazilian pay-TV company Sky, and CADE fears that the deal would give Sky an unfair advantage when it comes to content deals from Time Warner. It's not over yet of course, but AT&T certainly has some legwork to do yet in Brazil to close the deal.

ANGOLA CABLES LAUNCHES REMOTE PEERING SERVICE AT FRANCE-IX MARSEILLE

Press Releases | ★★★★★

Significantly boosts connectivity between international carrier networks, CDNs, social networks, cloud & IT service providers with local Angolan and other African ISPs peering at Angonix

Paris, France and Luanda, Angola – 22nd August, 2017 – France-IX, the premier Internet Peering Service Provider in France, today announced that its Angolan telecommunications operator member, Angola Cables, has launched a remote peering service that will significantly boost the connectivity between the peering community at France-IX Marseille and the peering members at its own IXP, Angonix, in Luanda, Capital of Angola.

This new remote peering service will reduce latency and costs for global and national carrier networks, CDNs, social networks and cloud & IT service providers looking to establish themselves in sub-Saharan Africa to gain access to local markets; and reduce international IP-transit costs for local ISPs and network operators as well as increase their access to French language content and services.

“At Angola Cables, our infrastructure and connectivity network play a vital role in the development of successful local companies and businesses, helping to facilitate progress and development in communities where our customers and partners operate such as Angola, South Africa, Portugal, DCR, Congo and Cameroon. Peering at France-IX Marseille and offering a remote peering service is part of the ongoing development of our network to ensure that our customers and partners have access to the latest communication technology and retain us as their ideal partner for international connectivity and high quality Internet services,” said Darwin Costa Product Manager at Angola Cables. *“Since joining the France-IX Marseille peering community in May of 2017, we have seen a more than threefold increase in traffic. We anticipate gaining new remote peering customers from across Africa and also from South America, once the South Atlantic Cable System is complete.”*

Angola Cables is a partner in the development of data centres in Luanda and Fortaleza, Brazil, in the building of the SACS (South Atlantic Cable System) subsea cable, which is the first in the Southern Hemisphere to directly connect Brazil to Africa. When complete, this will connect to Angola Cable's European system and then later to the Middle and Far East, strengthening Angola Cables' position as a worldwide interconnection provider.

“In addition to being one of our newest peers in the African continent, we are thrilled to develop our partnership with Angola Cables further through our shared common goal of enhancing the overall quality of the Internet. Angola Cables interconnects global networks, network operators and content providers to keep local traffic local, and offer international content providers and networks a basis for peering on the African continent,” says Delphine Masciopinto, Chief Commercial Officer at France-IX. *“Through its latest investments and developments in international, national and local infrastructures, in addition to its connectivity at France-IX Marseille, Angola Cables is developing a connectivity ring that connects the African, American and European continents, making it an attractive proposition for any company wanting low latency and high quality Internet connectivity.”*

About Angola Cables

Angola Cables is a multinational telecommunications company founded in 2009, which operates in the wholesale market and whose core business is international transmission capacity in Submarine Cable Systems and IP Transit. SACS, Monet and WACS, three cable systems operated by Angola Cables, interconnect four continents (South America, North America, Africa and Europe). Angola Cables runs Angonix, an Internet Exchange Point located in Luanda and third largest in Africa. Angola Cables also manages two Tier III data centres, in Fortaleza (Brazil) connected to SACS and Monet and in Luanda, connected to SACS and WACS.



France-IX to continue growing presence in Africa

Tuesday 7 November 2017 | 15:28 CET | News

France-IX said that its presence in Africa expanded rapidly in 2017. The company plans to support the creation of new IXPs in Africa, providing training, equipment donation and technical assistance. France-IX started this initiative with CASIX in Morocco, followed by SENIX in Senegal, and is now planning to help Benin and Congo. The rapid expansion of the France-IX community in Africa is due to a combination of new peering members joining the IXP in both its Paris and Marseille hubs and new connections via its remote peering partners with presence in Africa.

Three new African networks – Angola Cables, Djibouti Telecom and Mauritius Telecom – were connected in 2017, bringing the total number of African members in the France-IX Paris and Marseille peering community to 10 (adding to AFR-IX, Gulfsat Madagascar, Ooredoo Tunisia, Oranlink/Isalink, Seacom, Telma and WIOCC).

Three new remote peering partners also joined in 2017 – AFR-IX, Angola Cables and Telecom Italia Sparkle. Along with existing partner, BICS, these remote peering partners are now enabling more than 70 percent of African countries with French as its official first language to reach France-IX via a remote peering solution.

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France-IX supporting rapid Internet growth in Africa

JAMES BARTON 08 NOVEMBER 2017 607 views



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French Internet Peering Service Provider France-IX rapidly expanded its presence in Africa in 2017, positioning itself for African networks and content providers wishing to peer with its community of several hundreds of carriers, ISPs and content delivery networks.

In addition, 2017 is seeing France-IX continue its programme of supporting the creation of new IXPs in Africa, the establishment of which is an important step in fostering Internet-based economic growth. This support mainly consists in providing training, equipment donation and technical assistance. France-IX started this initiative with CASIX in Morocco, followed by SENIX in Senegal, and is now planning to help Benin and Congo.

The rapid expansion of the France-IX community in Africa is due to a combination of new peering members joining the IXP in both its Paris and Marseille hubs and new connections via its remote peering partners with presence in Africa. Three new African networks – Angola Cables, Djibouti Telecom and Mauritius Telecom – were connected in 2017, bringing the total number of African members in the France-IX Paris and Marseille peering community to ten (adding to AFR-IX, Gulfsat Madagascar, Ooredoo Tunisia, Oranlink/Isalink, Seacom, Telma and WIOCC).

Three new remote peering partners also joined in 2017 – AFR-IX, Angola Cables and Telecom Italia Sparkle. Along with existing partner, BICS, these remote peering partners are now enabling more than 70% of African countries with French as its official first language to reach France-IX via a remote peering solution.

“We support the rapid expansion of Internet connectivity on the African continent by offering affordable, reliable, low-latency Internet peering services from France,” said Franck Simon, President at France-IX. “We are also looking forward to collaborating on the development of two new African IXPs, as this is a crucial part of building a sustainable domestic Internet ecosystem and their creation will stand as a positive marker of economic and social improvement.”

Africa, which is experiencing the most rapid growth of international Internet bandwidth, grew at a compound annual rate of 44% between 2013 and 2017. France-IX both contributes and benefits from this growth as 15% of its Marseille members are African ISPs who represent 30% of the total traffic exchanged in France-IX Marseille (with total traffic currently peaking at 100 Gbps).



France-IX supports rapid internet growth in Africa

09 November, 2017 at 7:34 AM Posted by: Zenobia Hegde



France-IX, the Internet Peering Service Provider in France, announced that its presence in Africa expanded rapidly in 2017, making it the leading choice for African networks and content providers wishing to peer with its community of several hundreds of carriers, ISPs and content delivery networks.

In addition, 2017 is seeing France-IX continue its programme of supporting the creation of new IXPs in Africa, the establishment of which is an important step in fostering Internet-based economic growth. This support mainly consists in providing training, equipment donation and technical assistance. France-IX started this initiative with **CASIX** in Morocco, followed by **SENIX** in Senegal, and is now planning to help Benin and Congo.



The rapid expansion of the France-IX community in Africa is due to a combination of new peering members joining the IXP in both its Paris and Marseille hubs and new connections via its remote peering partners with presence in Africa.

Three new African networks – **Angola Cables**, **Djibouti Telecom** and **Mauritius Telecom** – were connected in 2017, bringing the total number of African members in the France-IX Paris and Marseille peering community to 10 (adding to **AFR-IX**, **Gulfsat Madagascar**, **Ooredoo Tunisia**, **Oranlink/Isalink**, **Seacom**, **Telma** and **WIOCC**). Three new remote peering partners also joined in 2017 – **AFR-IX**, **Angola Cables** and **Telecom Italia Sparkle**. Along with existing partner, **BICS**, these remote peering partners are now enabling more than 70% of African countries with French as its official first language to reach France-IX via a remote peering solution.



“We are delighted to support the rapid expansion of Internet connectivity on the African continent, by offering affordable, reliable, low-latency Internet peering services from France,” said Franck Simon, president at France-IX. “We are also looking forward to collaborating on the development of two new African IXPs, as this is a crucial part of building a sustainable domestic Internet ecosystem and their creation will stand as a positive marker of economic and social improvement.”

Africa, which is experiencing the most **rapid growth** of international Internet bandwidth, grew at a compound annual rate of 44% between 2013 and 2017. France-IX both contributes and benefits from this growth as 15% of its Marseille members are African ISPs who represent 30% of the total traffic exchanged in France-IX Marseille (with total traffic currently peaking at 100 Gbps).

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France-IX picks Coriant to upgrade optical transport infrastructure



21 November 2017 | Natalie Bannerman

France-IX and Coriant have teamed up to improve the scalability, flexibility and efficiency of France-IX's optical transport infrastructure.

The news comes as France-IX say its customers have a rapidly growing demand for peering capacity driven by the uptake of content-hungry end user applications.

Speaking on the news of the partnership, Simon Muyal, chief technical officer at France-IX, said: "A key part of our strategy is to anticipate Internet traffic growth and maximize the performance of our network to meet our members' expectations for reliable and affordable Internet exchange services – today and into the future. After rigorous analysis of competing DWDM solutions, we selected the Coriant Groove G30 for its cost-competitive system density, power efficiency, and ease of operations that enables us to quickly scale optical capacity as the service demand cycles of our member community accelerate."

France-IX recently upgraded its backbone and has deployed the Coriant Groove G30 Network Disaggregation Platform in its major data centre sites in the Paris metro area. The solution supports high-capacity, low latency nx100G optical connectivity and allows France-IX to simplify network operations and deliver affordable 100G services to its member community.

The Coriant Groove G30 is a 1RU open transport solution for cloud, data centre, and IXP networks that can be equipped as a muxponder terminal solution and as an Open Line System optical layer solution. Purpose-built for scalable interconnectivity applications, it enables density, flexibility, and low power consumption.

The initial deployment of the 100G infrastructure solution began in the summer of 2017 at three of France-IX data centres in the Paris metro area and throughout 2018 the solution will be deployed to the entire France-IX backbone.

"We are pleased to help France-IX realize the proven value of best-in-class technology designed to increase the density of their infrastructure and optimize network costs for the benefit of their users," added Ronald Van der Kraan, managing director of Europe at Coriant.

Recently *Capacity* spoke to France-IX CEO, Franck Simon on the future of IXP's. During the interview Simon expressed his view that IXP should be more collaborative saying, "the point is not to be the biggest, it's to be clever enough to make sure you facilitate the entry of a new network, instead of wanting to be the only one connecting this new network." To read the full interview please click [here](#).



France-IX deploys Coriant Groove G30 platform as part of backbone network upgrade

Wednesday 22 November 2017 | 10:38 CET | News

Internet exchange point (IXP) France-IX has deployed Coriant's Groove G30 platform in three data centre sites in the Paris metro area, as part of a project to upgrade its entire backbone network. France-IX said that the deployment, which will continue during 2018, improves the scalability and efficiency of its optical transport infrastructure, simplifying the delivery of affordable 100G services to its members.

Coriant's Groove G30 is an open Network Disaggregation Platform (NDP) that aims to facilitate the delivery of connectivity for cloud and data centre networks, supporting 3.2 terabits of capacity in a modular 1RU form factor.

You are here: [Home](#) > [Companies](#) > France-IX and Coriant partner to enhance the scalability, flexibility, and efficiency of France-IX's optical transport

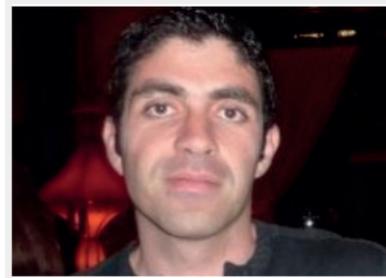


France-IX and Coriant partner to enhance the scalability, flexibility, and efficiency of France-IX's optical transport infrastructure

22 November, 2017 at 10:13 AM Posted by: Zenobia Hegde



France-IX, the Internet Exchange in France, and **Coriant**, a supplier of packet optical, IP, and SDN solutions to Tier 1 global service providers, web-scale Internet operators and IXPs, announced they have teamed to enhance the scalability, flexibility, and efficiency of France-IX's optical transport infrastructure to address its members' rapidly growing demand for peering capacity driven by content-hungry end-user applications.



Simon Muyal, CTO at France-IX

As part of a recent backbone upgrade project, France-IX has deployed the **Coriant Groove™ G30 Network Disaggregation Platform** in major data centre sites in the Paris metro area to support high-capacity, low latency nx100G optical connectivity.

The Coriant solution enables France-IX to simplify network operations and deliver affordable 100G services to its member community, which includes major carriers, high-growth international carriers, public cloud providers, content delivery networks, content and hosting service providers, as well as video game developer and digital distribution companies.

"A key part of our strategy is to anticipate Internet traffic growth and maximise the performance of our network to meet our members' expectations for reliable and affordable Internet exchange services – today and into the future," said Simon Muyal, chief technical officer at France-IX.

"After rigorous analysis of competing DWDM solutions, we selected the Coriant Groove G30 for its cost-competitive system density, power efficiency, and ease of operations that enables us to quickly scale optical capacity as the service demand cycles of our member community accelerate."



France-IX began initial deployment of the Coriant 100G infrastructure solution in three data centre sites in the Paris metro area this summer following compliance testing and validation of interoperability with existing infrastructure. The Coriant 100G solution will be deployed on the entire France-IX backbone during 2018.

"We are pleased to help France-IX realise the proven value of best-in-class technology designed to increase the density of their infrastructure and optimise network costs for the benefit of their users," said Ronald Van der Kraan, managing director, Europe, Coriant.

The award-winning Coriant Groove™ G30 is a compact and highly modular 1RU open transport solution for cloud, data centre, and IXP networks that can be equipped as a muxponder terminal solution and as an Open Line System (OLS) optical layer solution. Purpose-built for scalable interconnectivity applications, the disaggregated Groove G30 delivers industry-leading density, flexibility, and low power consumption.

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France IX to upgrade peering platform in the Paris region

21 November 2017 | By Tanwen Dawn-Hiscox



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By installing Coriant interconnection modules in data centers throughout the capital

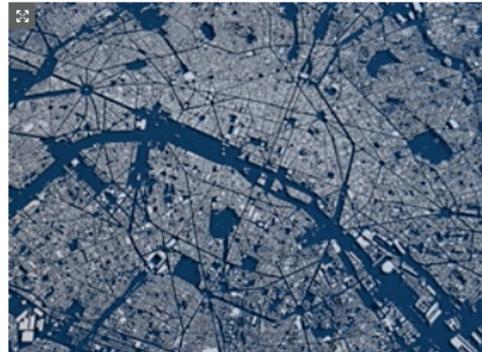
French Internet exchange point France-IX is working on improving its optical transport infrastructure with the help of networking company Coriant.

In an effort to modernize its metropolitan backbone in Paris, France-IX began installing Coriant's Groove G30 Network Disaggregation Platform - a 100G, 1U interconnection module - in major data centers around the capital.

The G30 spot

As its name suggests, G30 allows for the disaggregation of switching hardware and network operating systems.

It can serve as an Open Optical Line system, which connects two data centers, no matter how far or close together, with programmable network functions; or, it can be used as a disaggregated muxponder, a transceiver able to combine multiple digital signals at once.



Satellite view of central Paris
Source: Thinkstock

"A key part of our strategy is to anticipate Internet traffic growth and maximize the performance of our network to meet our members' expectations for reliable and affordable Internet exchange services - today and into the future," said Simon Muyal, France-IX's CTO.

"After rigorous analysis of competing DWDM solutions, we selected the Coriant Groove G30 for its cost-competitive system density, power efficiency, and ease of operations that enables us to quickly scale optical capacity as the service demand cycles of our member community accelerate."

The Internet Exchange began installing the module in data centers throughout the capital in the summer, and will continue to do so into 2018.

France-IX deploys Coriant optical interconnect solution



Coriant
Tuesday 21 November 17

France-IX, the leading Internet Exchange in France, and Coriant, a leading supplier of packet optical, IP, and SDN solutions to Tier 1 global service providers, web-scale Internet operators and IXPs, today announced they have teamed to enhance the scalability, flexibility, and efficiency of France-IX's optical transport infrastructure to address its members' rapidly growing demand for peering capacity driven by content-hungry end-user applications.



As part of a recent backbone upgrade project, France-IX has deployed the Coriant Groove G30 Network Disaggregation Platform in major data center sites in the Paris metro area to support high-capacity, low latency nx100G optical connectivity. The Coriant solution enables France-IX to simplify network operations and deliver affordable 100G services to its member community, which includes major carriers, high-growth international carriers, public cloud providers, content delivery networks, content and hosting service providers, as well as video game developer and digital distribution companies.

"A key part of our strategy is to anticipate Internet traffic growth and maximize the performance of our network to meet our members' expectations for reliable and affordable Internet exchange services – today and into the future," said Simon Muyl, Chief Technical Officer at France-IX. "After rigorous analysis of competing DWDM solutions, we selected the Coriant Groove G30 for its cost-competitive system density, power efficiency, and ease of operations that enables us to quickly scale optical capacity as the service demand cycles of our member community accelerate."

France-IX began initial deployment of the Coriant 100G infrastructure solution in three data center sites in the Paris metro area this summer following compliance testing and validation of interoperability with existing infrastructure. The Coriant 100G solution will be deployed on the entire France-IX backbone during 2018.

"We are pleased to help France-IX realize the proven value of best-in-class technology designed to increase the density of their infrastructure and optimize network costs for the benefit of their users," said Ronald Van der Kraan, Managing Director, Europe, Coriant.

The award-winning Coriant Groove™ G30 is a compact and highly modular 1RU open transport solution for cloud, data center, and IXP networks that can be equipped as a muxponder terminal solution and as an Open Line System (OLS) optical layer solution. Purpose-built for scalable interconnectivity applications, the disaggregated Groove G30 delivers industry-leading density, flexibility, and low power consumption.

France's Internet exchange provider deploys Coriant Optical interconnect solution

France-IX, the Internet Exchange in France, and Coriant, a supplier of packet optical, IP, and SDN solutions to Tier 1 global service providers, web-scale Internet operators and IXPs, have announced they have teamed to enhance the scalability, flexibility, and efficiency of France-IX's optical transport infrastructure to address its members' rapidly growing demand for peering capacity driven by content-hungry end-user applications, the companies said.

As part of a recent backbone upgrade project, France-IX has deployed the Coriant Groove, G30 Network Disaggregation Platform in major data center sites in the Paris metro area to support high-capacity, low latency nx100G optical connectivity. The Coriant solution enables France-IX to simplify network operations and deliver affordable 100G services to its member community, which includes major carriers, high-growth international carriers, public cloud providers, content delivery networks, content and hosting service providers, as well as video game developer and digital distribution companies.

France-IX is the Premier Internet Peering Service Provider in France, offering public and private interconnection services through its carrier and data center neutral exchange points in Paris and Marseille. 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. 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. Founded in June 2010 with the support of the French Internet community, France-IX is a member-based association whose core values are neutrality, sustainability and constant improvement of the Internet. For more information, visit www.franceix.net.

Coriant delivers innovative and dynamic networking solutions for a fast-changing and cloud-centric business world. The Coriant portfolio of SDN-enabled, edge-to-core packet optical networking and DCI solutions enables network operators to cost-efficiently scale network capacity, reduce operational complexity, and create the resilient foundation for a new generation of mobile, video, and cloud services. Coriant serves network operators around the world, including mobile and fixed line service providers, cloud and data center operators, Web 2.0 content providers, cable MSOs, government agencies, and large enterprises. With a distinguished heritage of technology innovation and service excellence, Coriant is helping its global customers maximize the value of their network infrastructure as demand for bandwidth explodes and the communications needs of businesses and consumers continue to evolve.

BY Gulli Arnason - November 22, 2017

Home » Equipment Design » Coriant supplies Groove G30 to France-IX for optical transport network upgrades

Coriant supplies Groove G30 to France-IX for optical transport network upgrades

November 27, 2017

By Lightwave Staff

Coriant says it has supplied its Groove G30 Network Disaggregation Platform (NDP) to peering service provider France-IX. With carrier and data center-neutral internet exchange points in Paris and Marseille, France-IX has deployed Coriant's optical transport systems to upgrade the scalability and flexibility of its optical transport network, meeting members' increasing peering capacity demand accelerated by content-consuming end-user applications.



According to Coriant, the deployment of its Groove G30 NDP in major metro data center sites in Paris is part of France-IX's recent backbone upgrade project, and supports high-capacity, low-latency nx100G optical connectivity. France-IX will use the NDP to streamline network operations and provide 100G services to video game developer and digital distribution companies, and to major and high-growth international carriers, public cloud providers, content delivery networks, content and hosting service providers, and others in its member community, Coriant says.

Following compliance testing and validation of interoperability with existing infrastructure, France-IX began deployment of the Coriant 100G optical transport platform in three metro data center sites in Paris this summer. The platform will be deployed on the entire France-IX backbone during 2018.

"A key part of our strategy is to anticipate Internet traffic growth and maximize the performance of our network to meet our members' expectations for reliable and affordable Internet exchange services – today and into the future," said Simon Muyal, France-IX chief technical officer. "After rigorous analysis of competing DWDM solutions, we selected the Coriant Groove G30 for its cost-competitive system density, power efficiency, and ease of operations that enables us to quickly scale optical capacity as the service demand cycles of our member community accelerate."

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For more information on high-speed transmission systems and suppliers, visit the [Lightwave Buyer's Guide](#).



France-IX signs up EDX Network as reseller in Rhone-Alpes region

Thursday 3 August 2017 | 11:32 CET | News

France-IX has expanded the reach of its peering services by partnering with EDX Network, an IPv4/v6 transit operator based near Lyon. As a reseller, EDX Network will now offer France-IX Paris peering services in the cities of Villeurbanne, Grenoble, Limonest and Lyon.

Developing IXPs in Africa: Why it's important and how it offers potential for growth

by Delphine Masciopinto, Chief Commercial Officer, France-IX

In Africa, the absence of connectivity between ISPs often results local traffic being routed over expensive international links simply to reach destinations within the country of origin. These links must be paid for in foreign currency so in effect, ISPs are paying international 'shipping' rates for a local delivery.

The good news is that there is an internationally recognized solution to this inefficiency, which is an Internet Exchange Point, or IXP and there are currently 37 active IXPs located in 34 cities in 28 African countries.



Delphine Masciopinto is Chief Commercial Officer at France-IX, the premier Internet Peering Service Provider in France, enhancing the affordability and the latency of the Internet traffic exchanged in France. She is an experienced telecom professional, who has lived and worked in six different countries in the past two decades, focusing on marketing and commercial development for service providers.

Prior to joining France-IX, she led the pricing and bid-support for North America for all the data services running on the Reliance Globalcom/FLAG Telecom network from 2007 to 2013. In the early 2000s, she contributed to the marketing and business development of Level 3 Communications in Europe. Prior to Level 3, she managed the launch of data and IP services for Orange's subsidiaries in Denmark, Spain and Jordan.

Delphine holds a Master's degree in Marketing from Telecom Business School in France.

Second only to Asia in landmass and population size, Africa is currently home to 1.216 billion people. That massive population is also young as 40 percent is less than 14 years old. UNICEF predicts that by 2050, 25 percent of all the people in the world (and 40 percent of the world's youth) will be African. These young people are, like Millennials in Europe or the US, the online generation, which has helped increase the number of subscriptions to mobile services in Africa over the last few years. According to the GSMA[2], 46 percent of the African population subscribed to mobile services at the end of 2015 and it is predicted that an additional 168 million people across Africa will be connected by mobile services by 2020, taking the total to around 725 million unique subscribers.

It sounds like a connectivity success story but a reality-check from Internet World Stats 2017 shows that only 27 percent (circa 346 million people) of Africa's population used the Internet in March 2017 - significantly less than the 54 percent internet penetration figure for the rest of the world. The real picture is of a continent with potentially huge opportunities for carriers, OTTs, Content Delivery Networks and Internet Service Providers (ISPs) and so it is no surprise that wholesale carriers serving Africa are anticipating new customers as these players explore how to maximise new

Challenges to meeting capacity demand in Africa

The African market is fragmented with three dominant countries – South Africa, Egypt and Nigeria – accounting for one third of the continent's mobile Internet subscriber-base. With geography, politics and economics potentially challenging the scaling of infrastructure and implementing new services whilst delivering on performance SLAs, especially in remote locations, the question has been asked: "Is mobile the answer and might Africa become a 'mobile first' continent?". It has certainly been demonstrated that developing countries, which have not followed a traditional infrastructure-building path, can 'leapfrog' earlier technology stages such as landlines or bricks and mortar branch banking and go direct to mobile telephony, Internet broadcasting and mobile money – but, and it's an important caveat, only if they have the bandwidth capacity to do so.

There is unquestionably an increase in capacity demand and it is being driven in part by global OTT players and content providers including Google, Microsoft, Facebook and Netflix. Traditionally, these companies have used other organization's networks to run their own data-intensive applications. However, by locating their content closer to local Africa

markets they can improve the performance of their services and user experience and therefore increase the adoption of their services. In general, players follow a two-pronged network deployment strategy: localizing their content directly into the local markets within Africa when feasible and/or go to gateway locations, such as Marseille. The gateway model is a good one, offering reasonable network latency and a perfect network environment that combines availability and affordability of both network supply to reach all continents and international datacentres to host the content, in a fully-deregulated market.

Keeping it local – the role of the IXP in Pan-African connectivity

The Internet Society explains the role of the IXP thus: "to send a package from London to Paris and to route it via San Francisco would be foolish, unnecessarily expensive and inefficient". Yet this is what is being done every day with Internet traffic between local Internet Service Providers (ISPs), destined for local customers. In Africa, the absence of connectivity between ISPs often results local traffic being routed over expensive international links simply to reach destinations within the country of origin. These links must be paid for in foreign currency so in effect, ISPs are paying international

‘shipping’ rates for a local delivery.

The good news is that there is an internationally recognized solution to this inefficiency, which is an Internet Exchange Point, or IXP and there are currently 37 active IXPs located in 34 cities in 28 African countries . As illustrated above, the primary role of an IXP is to avoid expensive international transit costs by keeping local Internet traffic within local infrastructure. The costs associated with traffic exchange between ISPs are reduced, because IXPs allow for the free exchange, or peering, of domestic Internet traffic. Furthermore, IXPs improve the quality of local Internet services by reducing the latency associated with unnecessary traffic routing and they can also serve as a convenient hub for hosting value-added and critical infrastructure within a country. Overall, IXPs are a crucial part of building a sustainable domestic Internet ecosystem/mobile connectivity and their creation is a positive marker of economic and social improvement.

Keeping it local and relevant

From a purely technical point of view, building an IXP is not too difficult. However, building the required level of trust and collaboration between the stakeholders is the challenge and being able to speak the same language is a good starting point. Along with English and Arabic, French is one of the principle languages in Africa with 54.7 percent of the population speaking French compared to 36.4 percent speaking it in Europe . 13 African countries have French as first official language and 16 have it as their “co-official” language . In these countries it should go without saying that it is important, from a commercial, educational and development point of view, that French language content is delivered to French speaking populations. African IXPs operating in countries with a high to medium usage of the French language currently include CASIX in Morocco, SENIX in Senegal, DjIX in Djibouti, BENINIX in Benin, KINIX in the Democratic Republic of Congo, CIVIX in Ivory Coast, TunIXP in Tunisia, BFIX in Burkina Faso, GAB-IX in Gabon, RINIX in Rwanda and MIXP in Mauritius.

Mobile can make a difference, but Internet penetration must grow

Although the Internet in Africa is growing fast there are major disparities: mobile broadband access accounts for more than 90 percent of Internet subscriptions, but the majority of countries have an Internet penetration below ten percent (lower than the 20 percent found to be critical for countries to reap the economic benefits) and users in Africa pay up to 30 or 40

times more for Internet access than their peers in developed countries .

Recognising the importance of IXPs in facilitating Internet-based economic growth, The Internet Society has an ambitious continent-wide programme for interconnection and traffic exchange (ITE) for Africa, with a goal to support 80 percent of local and 20 percent of international Internet traffic by 2020.

Many people and organizations are working to help make this happen as they understand and believe in the value of peering and interconnection in a domestic or at least, gateway, IXP. Out of the 37 African IXPs that are currently active, 21 were established within the past ten years, often with thanks to individuals and organizations who contributed to providing the equipment, training, valuable experience and more.

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France-IX's Marketplace helps it expand its eco-system



25 October 2017 | Natalie Bannerman

France-IX gives Capacity an exclusive update on the state of its disruptive Marketplace programme.



One year after its launch, France-IX's Marketplace offering has enabled it to expand its eco-system by offering its peering members the ability to purchase the complementary IP related services in addition to peering services.

There are seven services that can be chosen which include: IP transit, anti-DDoS solutions, cloud direct access, paid peering, Ethernet transport, network visibility and analytics solution and remote peering.

Speaking on the offering, Franck Simon, president at France-IX, said: "The innovation of our France-IX Marketplace is the diversity of services it offers along with the competitive advantage delivered for Internet professionals and infrastructure buyers. Agility, flexibility and cost savings are key to business success, and the France-IX Marketplace helps both our peering members to get the most from their connection and also our Marketplace sellers to get access to the largest IP community in France, in one place."

Through the solution, members are able to purchase services directly from Marketplace sellers like: Hurricane Electric, Kentik, Orange (AS3215 and AS5511), Telecom Italia Sparkle, Zayo and the most recently Expereo.

Once purchased the activation of the private connection can be done in a matter of hours. Members also save money because of the optimisation created through service they purpose and its ease of use. In addition, members already have a port in place so there is no need for them to use additional resources or order a new cross-connect.

Overall Marketplace has enabled France-IX the opportunity to offer its members more than just IXPs (internet exchange point) offerings but enabling its customers the ability to buy the services they need from its partners.

Topics: France-IX, P transit, anti-DDoS solutions, cloud direct access, paid peering, Ethernet



The future of IXP's will be service driven



09 November 2017 | Natalie Bannerman

The future of internet exchange points is collaboration, "the point is not to be the biggest, it's to be clever enough to make sure you facilitate the entry of a new network, instead of wanting to be the only one connecting this new network," says France-IX CEO, Franck Simon.



It's been a good year for France-IX. The company has been successful in attracting a number of corporate companies, in addition to CDN's (content delivery networks) and ISP's (internet service providers) - a move that CEO Franck Simon says was motivated by recognising that "corporates were part of the future of what IXP's should be", adding that the company needed to "differentiate from our competitors and be able to attract different players".

Over the last year alone, France-IX almost doubled the number of peering partners bringing the total to nineteen and, according to Simon, resellers are key to the company's plans for growth.

"Today more than 60% of the new networks come to us from outside of France," explains Simon. "But it's not to be confused with physically going international to reach customers, we need to have partners who are resellers that are using their infrastructure to collect the new networks and bring them either to Paris or Marseille (where France-IX has physical PoPs)".

But it's not just about the spatial increase. What's key for Simon is the diversification of the types of resellers, to ensure the most options for customers. Simon says that they need "to have resellers that are able to differentiate from each other".

He continues by saying: "When we began there were many resellers addressing Europe, so with the development of Marseille we wanted resellers that are operators and that have the capacity of submarine cables covering Africa, Middle East and Asia - places where we won't set up physical PoPs."

A year on from its launch, France-IX's Marketplace offering has enabled it to expand its eco-system by presenting its peering members the ability to purchase the complementary IP related services in addition to peering services.

"IXP is no longer just a pure technical platform for IT professionals," explains Simon, "but a type of huge commercial tool for people that are buying the services from operators. They want to be able to buy cloud services from Amazon, Microsoft, Google and so on, they also want to have DDoS protection services because they are more open to the internet and they can have access to it through the Marketplace we have set up," adding "they gain in terms of costs and flexibility which is also a real added value for them and in doing that we help them in their digital transformation."

He goes onto say that "this is future for IXP's, not only for us, I think it will be a strong element for IXP's to integrate into their global strategy. IXP's were initially only providing peering services, but the future of ISP's and especially for France-IX is to be a multi-platform for services, with peering being only one of those services."

Expansion

So with all these announcements and milestones, what's the future for France-IX? Well its simple - firstly Simon wants to organically grow their physical footprint in Paris "by adding data centres", he says. And while doing the same in Marseille he also wants to open "additional PoPs in Marseille because we have received requests from the countries I've mentioned (Africa, Middle East and Asia) as a result of the submarine cables landing in Marseille."

Secondly he wants to extend the number of partnerships France-IX has with internet exchanges in France, but he also wants to add additional partnerships, especially in Africa and French speaking countries in Africa. Simon says: "We have initiated such partnerships with a few African countries like Morocco and Senegal and it's something we will continue to develop over the next year because the aim is to help the French speaking countries to get access to French content but also to get access locally."

And lastly In terms of services France-IX will continue to develop its reselling program but it will consolidate the number of resellers, especially those for its Marseille PoPs.

Looking forward, Simon says that the main challenge for the future is "to have API's or capabilities to automate the provisioning of the resource. Future IXP's will have to collaborate with each other to have common API's, common stuff so that when a big player does arrive in the country or region, it will be easier to have a common global interface. And the network can be connected into several IXP's instead of having to negotiate with each IXP on how they can automate or interconnect."

Does he think other IXP's will be open to the idea? "I'm not sure," he says. "Of course some IXP's will continue to be competitors but on the other hand when a network is arriving in Europe for example, we know in advance it will automatically connect in several places. So we don't have to fight about whether it connects in London, Frankfurt or Paris, it will connect everywhere."

Even if the IXP community turn out to be less than enthusiastic about Simon's idea of a common global interface, the future certainly looks set to include some kind of collaboration.

Topics: France-IX, Franck Simon, IXP, PoP, Marseille, Africa, Middle East, Asia, CDN