The logo for ipinfusion, with 'ip' in orange and 'infusion' in white.

## What's New: OcNOS® in Africa, NOS leadership, validating network disaggregation

April 2021

### OcNOS® makes inroads into Africa's telecom market

The growing list of African service providers who are selecting OcNOS as their network operating system to expand their connectivity and to take advantage of network disaggregation includes Afribone and Virtual Technologies and Solutions (VTS).

**EvoNet**, an Internet Service Provider in South Africa, is the latest service provider to select its OcNOS network operating system as their preferred technology. EvoNet is using OcNOS for future network expansion in South Africa and across the African continent, replacing existing legacy technologies. In 2020, EvoNet decided to invest in disaggregated network technology to support their future growth throughout South Africa and the rest of the African continent. As a tier 1 operator, they needed a partner with a proven track record and a powerful, feature-rich software stack for their Edgecore Network's routing and switching network.

**Afribone**, a leading Internet service provider in the Republic of Mali in Western Africa, is deploying a disaggregated router solution based on the OcNOS network operating system to expand their network capacity by replacing legacy, purpose-built hardware with disaggregated solutions. IP Infusion's OcNOS is running on Afribone's white box routers to connect fixed wireless enterprise clients to Afribone's backbone network and data center.

**VTS**, an Internet service provider in the West African country of Burkina Faso, is

using OcNOS for their deployment of the Telecom Infra Project's (TIP) Cassini Solution. VTS is leveraging TIP's Cassini solution to dramatically increase bandwidth while reducing TCO. IP Infusion's fully validated solution featuring OcNOS and the Edgecore Networks Cassini transponder platform is key to their efforts to link two major cities.

Read the press releases:

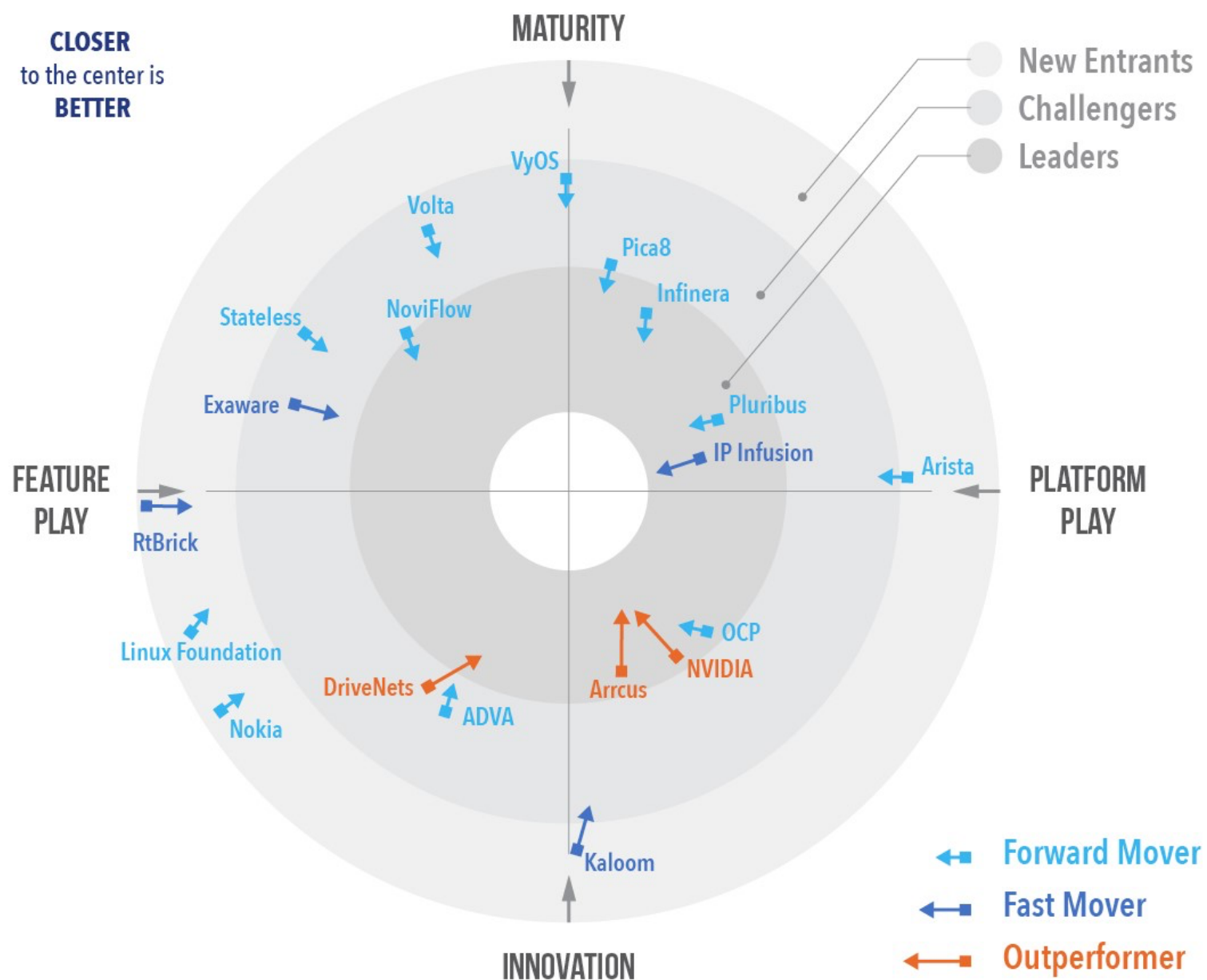
- [EvoNet](#)
- [Afribone](#)
- [VTS](#)

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## **IP Infusion recognized as a leader for NOS by GigaOm**

GigaOm has recognized IP Infusion as a Leader in its GigaOm Radar Report for Network Operating Systems. The Radar report breaks down 19 NOS vendor offerings and evaluates each vendor for their feature set, scalability, flexibility, usability, solution/partner ecosystem, support, Total Cost of Ownership (TCO) and vision/roadmap. GigaOm is an independent technology research and analysis firm and leading global voice of emerging technologies.

**According to GigaOm, with over 20 years' experience providing NOS solutions, IP Infusion's rich pedigree guarantees you won't get fired for choosing this company.**



Source: GigaOm 2021

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The GigaOm Radar chart characterizes each vendor on two axes — Maturity versus Innovation and Feature Play versus Platform Play — while providing an arrow that projects each solution’s evolution over the coming 12 to 18 months. The closer to center a solution sits, the better its execution and value, with top performers occupying the inner Leaders circle.

**IP Infusion is rated as a leader and “fast mover”, being recognized for its completeness of portfolio, innovation and maturity of solution.**

[Download an excerpt of the report](#)

[Download the Press Release](#)

## Tune in to DCSG Summit, Open RAN Digital Conference to hear IP Infusion speakers

Hear how IP Infusion can help you transform your network with our expertise in network disaggregation at two events scheduled in April.

The **Open RAN Digital Conference** will examine the most exciting Open RAN initiatives and deployments underway across the world, deep-diving into the progress in the Open RAN ecosystem, Open RAN deployments, service management and orchestration and discuss how Open RAN can be deployed and integrated into service provider networks to boost performance.

We invite you to join us to hear Shaji Nathan, IP Infusion's Chief Product Officer, and other industry speakers discuss the market status, ecosystem development, use cases and the outlook for Open RAN as a mainstream mobile network technology. The April 6 discussion starts at 10 am EST.

### [Register for the Open RAN Digital Conference](#)

Sanjay Kumar, IP Infusion's Chief Marketing Officer, will be speaking at the Telecom Infra Project's (TIP) OOPT DCSG Summit 2021 on April 15 at 6 – 8:30 am PDT. This third annual DCSG Summit. This virtual event will feature Operators and Partners sharing their plans and vision for 2021 including the current state of DCSG, 2021+ roadmap, and operator experience and learnings of adopting the technology. Sanjay will be discussing how IP Infusion is accelerating disaggregation for mobile transport networks, from access through aggregation and transport to datacenter.

### [Register for the Summit](#)

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## **Telecom Infra Project testing validates OcNOS for disaggregated networking**

IP Infusion's OcNOS network operating system has been validated in two Telecom Infra Project (TIP) Community Labs at KDDI Corporation and CPqD.

Its Disaggregated Cell Site Gateway Solution (DCSG) has been validated by KDDI Corporation, a major Japan-based telecommunications provider, giving further expectation that OcNOS has a potential to be a production-ready NOS for telco commercial network equipment. In a lab trial conducted by KDDI, the DCSG solution successfully completed rigorous TIP compliance and KDDI's requirements in telco network environments. The testing covered a variety of use cases, including performance and functional/feature testing.

In addition, OcNOS, running on Telecom Infra Project's (TIP) Cassini and Disaggregated Cell Site Gateway (DCSG), has been validated by testing at TIP's Community Labs at Brazil-based CPqD. In its trial of TIP's Cassini and DCSG solutions in extended metro and long-haul scenarios, CPqD found that it was possible to achieve an optical coherent 100/200Gbps transmission over 2,000km without regeneration for long-haul scenarios.

[Read the press releases](#)

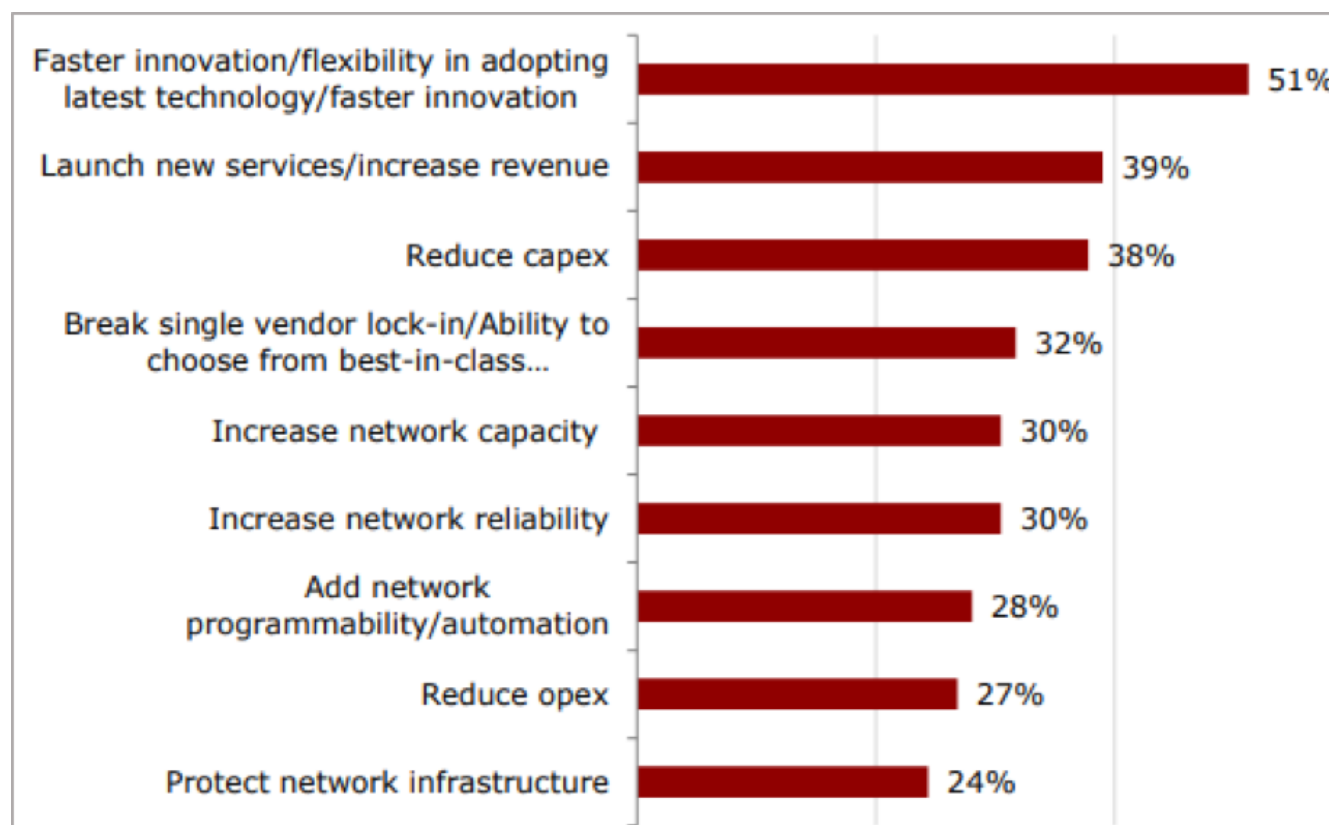
- KDDI
- CPqD

## Open and Disaggregated Packet & Optical Networks Heavy Reading Survey

Given the momentum for disaggregated networking, Sterling Perrin, Senior Principal Analyst, Heavy Reading, writes about the adoption of disaggregated networking and the future of open and disaggregated transport networks in a 2020 Heavy Reading survey, co-sponsored by IP Infusion. Based on a global operator survey, this white paper provides the industry's most in-depth look at the current state and future trajectory of open and disaggregated transport networks. The white paper covers disaggregation plans and challenges, 5G and routing, open optical networks, management and control.

Based on the survey results:

***“Faster innovation and flexibility in adopting the latest technology is the top driver for leading operators to adopt disaggregated networks. The operational complexity of dealing with multiple vendors and a lack of standards/immature standards are the top barriers to adopting open and disaggregated optical networks.”***



Download:

- In-depth Heavy Reading white paper - [Open and Disaggregated Packet and Optical Networks A 2020 Global Operator Survey](#)



- Blog Post: [Open and disaggregated transport comes of age](#)
  - Blog Post: [Disaggregating Routed and Optical Networks](#)
  - Video of the Heavy Reading Webinar - [The Outlook of Open and Disaggregated Packet and Optical Networks](#)
  - Video of the Symposium Webinar with Heavy Reading: [Open and Disaggregated Optical Networks Symposium Webinar](#)
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## IP Infusion inks agreements to provide disaggregated networking solutions for service providers

IP Infusion has announced agreements with KGPCo and Tech Data to provide integrated solutions for Disaggregated Cell Site Gateway (DCSG) products with IP Infusion's OcNOS® and DANOS Vyatta-edition network operating systems, as well as Universal Customer Premises Equipment (uCPE) solutions using DANOS-Vyatta edition.

[KGPCo](#), a leading telecom distributor, will be a strategic distribution partner to serve direct telecom customers in North America and will give network operators the benefits of network disaggregation without the challenges of traditional procurement.

[Tech Data](#), a leading end-to-end technology products and solutions aggregator, will be a global authorized supply chain partner. The agreement will take advantage of Tech Data's global reach to provide significant value for network operators throughout the world.

Read the press releases:

- [IP Infusion Announces Distributor Agreement with KGPCo to Provide Disaggregated Networking Solutions for Service Providers](#)
- [IP Infusion Names Tech Data as a Global Authorized Supply Chain Partner for Disaggregated Networking Solutions](#)



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