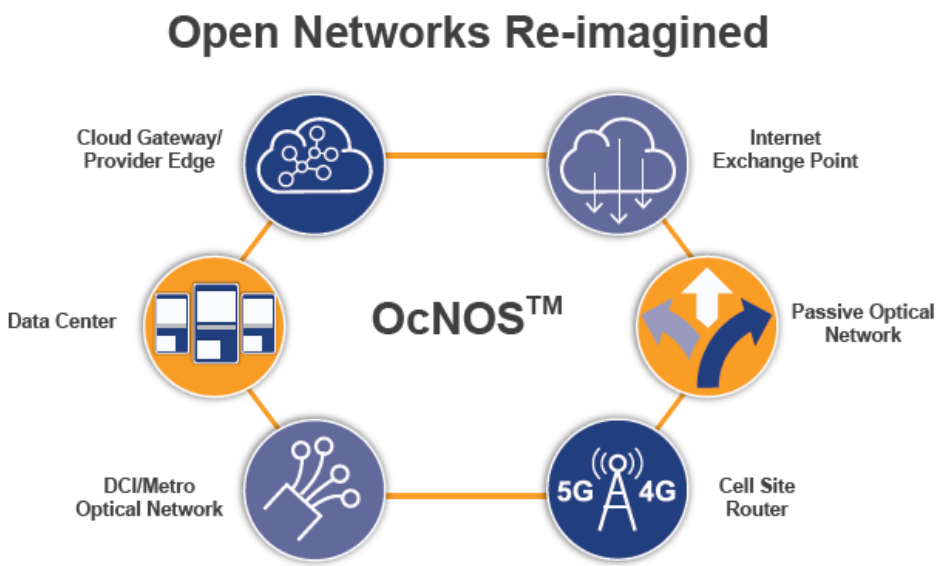
IP Infusion Insights – March 2019

We're delivering Open, Smart, Simpler Networks for Telco, Service Providers and Data Centers



IP Infusion is bringing the benefits of disaggregation to help service providers build open, smarter and simpler networks by reducing overall total cost of ownership (TCO) by 60% and by delivering 99.999% network uptime. With the OcNOS™ network operating system, we're enabling network operators to realize the power of Open Networking.

Want to learn how OcNOS can help you take advantage of disaggregated networking, click here.

Infinera to use OcNOS to help enhance capabilities of white box offerings

IP Infusion announced a partnership agreement with Infinera, a provider of Intelligent Transport Networks, in which Infinera will use IP Infusion's OcNOS™ networking operating system to enhance its IP-based white box offerings targeting a broad range of transport applications, including packet-optimized Data Center Interconnect (DCI).

"In today's fast paced and dynamic communications environment, open ecosystem partnerships play an important role in complementing our disaggregated and software-driven networking capabilities," said Mikko Hannula, Vice President, Product Management, Infinera. "Extending a long-standing technology collaboration and leveraging IP Infusion's ZebOS as part of our 8600 Smart Router and Converged NOS software, OcNOS will enable us to bring value-add capabilities for additional applications such as packet DCI and edge gateways."

New initiatives such as the Telecom Infra Project (TIP) Distributed Cell Site Gateway and ONF's CORD reference designs are looking to disaggregated open infrastructures that offer choice, innovation and cost efficiencies. IP Infusion supports such gateways on open white box switches that leverage commercial off-the-shelf (COTS) silicon. OcNOS for service providers complements Infinera's broader solutions for telco and network service providers in building next-generation network infrastructure that will enable not just phones and tablets to connect to the mobile 5G network, but new emerging IoT technologies for utilities, autonomous cars, augmented reality, smart cities and factories.

Vodafone, TIM Brazil select IP Infusion as a supplier for TIP Disaggregated Cell Site Gateway trials

At Mobile World Congress in February Vodafone and TIM Brazil announced that IP Infusion is one of the companies with whom they will conduct lab and field trials of the Telecom Infra Project's (TIP) Disaggregated Cell Site Gateway (DCSG). Vodafone and TIM Brazil reported that both IP Infusion and Infinera bring industry expertise and experience in building sophisticated networking solutions with proven track records of successful partnerships.

Late last year TIP issued an RFI, inviting hardware and software suppliers to provide detailed information on their engineering assets, capabilities, and intention to adopt and build solutions conforming to the DCSG specification. Since then, Vodafone, Telefonica, and TIM Brazil conducted an independent RFI and thorough technical evaluation based on several criteria including solution architecture, functionality, scalability, availability, and solution roadmap. At MWC, Infinera showed off the capabilities of its Converged Network Operating System with an Odyssey platform provided by Edgecore Networks.

Vodafone and TIM Brazil plan to move to lab and field trials of Odyssey-DCSG technology over the coming months.

"We had a very positive feedback from the RFI and were impressed with the engineering capabilities of the selected suppliers," said Silmar Palmeira, TIM Brazil's director of innovation and technology. "This is another important step towards the adoption of disaggregated solutions that will boost market growth and improve Brazilian infrastructure."

"This is a significant milestone for the project as well as for the industry and it is the result of strong TIP community collaboration in the DCSG project group. We are amazed by the response of the invited suppliers," added Santiago Tenorio, Vodafone Group's head of networks strategy and architecture and a TIP board member. "Now that we have a DCSG ecosystem and a clear set of specifications, it is the right moment to focus on the development of the technologies."

IP Infusion to show how network operators can build open, smarter, simpler networks at MPLS+SDN+NFV World Paris 2019, China SDN/NFV/AI and CommunicAsia

IP Infusion will be featuring disaggregated networking solutions for Telcos, service providers, data centers and their clouds using the OcNOS network operating system at three trade conferences in Q2. We will be showing its true open networking alternative at:

- MPLS+SDN+NFV World Congress Paris 2019 – April 9-12, Paris, France
- China SDN/NFV/AI Conference – April 17-19, Beijing, China
- CommunicAsia – June 18-20, Singapore

"Disaggregated networking with IP Infusion offers network operators the true alternative for building networks by taking advantage of the ability of using diverse equipment and software to manage their own networks, instead of a vendor lock-in and proprietary solution models," said Atsushi Ogata, President and CEO of IP Infusion. "IP Infusion joins industry leaders to showcase the latest direction for disaggregated networking."