

# OcNOS Flex for OEMs: Accelerate time to market (and revenue) for custom hardware

## Product Brief

OcNOS Flex is a powerful open networking software platform that enables OEMs to develop advanced networking solutions on your custom hardware. By partnering with IP Infusion for advanced Network Operating System (NOS) technology, you can focus on building your product—and brand—to deliver higher value-add to your customers.

OcNOS Flex solution simplifies and accelerates your entire product development lifecycle to protect investments in your installed base, satisfy current requirements, and future-proof your roadmap.

The OcNOS common network software platform may be leveraged across your entire product line to enhance new product introduction and reduce support and carrying costs. Common management interfaces and APIs enable integration of your management portfolio, and end-customer environment.

Another advantage is out-of-the-box support for pre-qualified IP Infusion applications that may be readily ported to your custom hardware (on select Broadcom and Marvell silicon):

- **Mobile Networking:** Cell Site Routing/TIP DCSG; Packet Optical & Optical Transport
- **Carrier Routing:** Aggregation Routing, Provider Edge (PE) Routing
- **Data Center Switching:** Spine Switch, Super Spine Switch, Leaf Switch,
- **Passive Optical Networking (PON):** Optical Line Terminal (OLT)/vOLT

### OcNOS Flex Typical Applications



**Aerospace & Defense**



**Industrial Ethernet**



**Automotive**



**5G**



**Optical Transport**

### OcNOS Flex Business Benefits

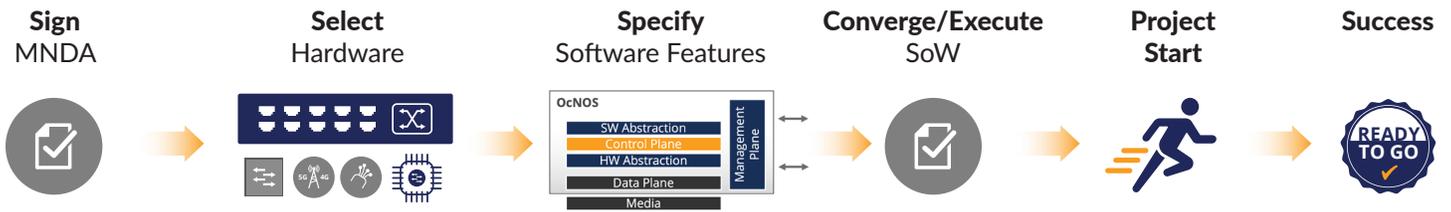
**Faster** time to market and revenues

**Frees up your engineering team** to focus on your value-add and improve retention

**Lower** costs and risks

**Greater** functionality and flexibility

**Proven code**, reducing human errors



## OcNOS Flex Process Flow – Optimize Time to Market

OcNOS Flex has been architected to integrate with your custom hardware, and support your user applications and network functions. Extensive support for multi-vendor merchant network silicon, processors, and optics (many qualified out of the box) accelerate time to market and revenues.

IP Infusion’s carrier grade control plane offers a broad range of standard protocols, packet timing, routing, VPN, etc. that enable seamless migration from legacy services. Refer to the OcNOS Features Matrix for a complete list of capabilities.

OcNOS Flex provides a robust facility for adding user applications, hosted on both VMs and containers. A robust management plane is also provided that supports a wide range of standard management interfaces and APIs, along with resiliency and high-availability features that are field-proven.

The commercial arrangement for OcNOS Flex is designed to significantly reduce Total Cost of Ownership (TCO), yet achieve simplicity and predictability. The pricing model consists of a fixed, upfront Non-Recurring Engineering (NRE) charge, along with pre-paid, per-unit product licensing, and support. Contact us today to learn how you partner with IP Infusion to expedite the development, reduce overall costs, and accelerate innovation.

### IP Infusion is an innovator and leader in the Open Networking Community:

- The only NOS vendor to be named a Leader and Outperformer in the 2022 GigaOm NOS Radar for Network Service Providers, Cloud/Managed Service Provider, and Enterprise
- Awarded TIP Validated Solution for TIP Disaggregated Cell Site Gateway (DCSG)
- Qualified TIP compliant DCSG, Packet Optical (Cassini), and Optical Transport (Phoenix)
- Bundled into many OCP Accepted Solutions
- Validated Timing/Synchronization in O-RAN Alliance PlugTest



## ABOUT IP INFUSION

IP Infusion is a leading provider of open network software and solutions for carriers, service providers and data center operators. Our solutions enable network operators to disaggregate their networks to accelerate innovation, streamline operations, and reduce Total Cost of Ownership (TCO). Network OEMs may also disaggregate network devices to expedite time to market, offer comprehensive services, and achieve carrier grade robustness. IP Infusion network software platforms have a proven track record in carrier-grade open networking with over 500 customers and over 10,000 deployments. IP Infusion is headquartered in Santa Clara, Calif., and is a wholly owned and independently operated subsidiary of ACCESS CO., LTD. Additional information can be found at <http://www.ipinfusion.com>

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