

Open Network Products for Communications Service Providers.

Broadband Access: CORD, SEBA, Trellis, 

» **ASXvOLT16**
10G PON virtual OLT



16 x 10G XGS-PON/NG-PON2 ports
4 x 100GbE uplinks
Broadcom Qumran-AX, Maple silicon
Open source software for CORD, SEBA
Commercial software options



» **ASGvOLT32, ASGvOLT64***
GPON virtual OLTs



32 or 64 x GPON ports
2 x 100GbE, and 8 x 25GbE uplinks
Broadcom Qumran-AX, Maple silicon
Open source software for CORD, SEBA
Commercial software options



» **AS7712-32X**
100GbE Leaf/Spine Switch



32 x 100GbE ports
Broadcom Tomahawk switch silicon
Open source software for CORD, Trellis
SONiC open source software
Commercial software options



» **AS7816-64X**
100GbE Leaf/Spine Switch



64 x 100GbE ports
Broadcom Tomahawk2 switch silicon
Open source software for CORD, Trellis
SONiC open source software
Commercial software options



Cell Sites and Mobile Backhaul

» **AS7316-26XB**
10G Cell Site Gateway



16x10G, 8x25G ports; 2x100G uplinks
IEEE1588 and SyncE
Broadcom Qumran-AX switch silicon
Outdoor plant deployment, -40 to 65C
Open Source and Commercial software



» **AS5915-14XB**
10G Cell Site Gateway



4 x 1G RJ45, 8 x 10G
IEEE1588 and SyncE
Broadcom Qumran-UX switch silicon
Outdoor plant deployment, -40 to 65C
Open Source and Commercial software



Edge and Aggregation Switching

» **AS5916-54X Family**
Deep Buffer Edge Switch



48 x 10G ports, 6 x 100G uplinks
Deep buffer, Expandable TCAM
Broadcom Qumran-MX, KBP TCAM
Product models: base, TCAM, MACsec
Open Source and Commercial software



» **AS7926-40XK, -80XK***
Aggregation Routers



40 or 80 x 100GbE ports
Deep buffer, Expandable TCAM
IEEE1588 and SyncE
Broadcom Jericho2 switch, OP2 TCAM
Open Source and Commercial software



» **Cassini AS7716-24SC**
Open Packet Transponder



16 x 100GbE switch ports
8 modules for 2x100GbE or 1 x ACO/DCO
Broadcom Tomahawk+ silicon
ACO and DCO from multiple partners
Open Source and Commercial software



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***In the roadmap**

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Edgecore Networks
The Leader in Open Networking
Introducing Open Networking Solutions for
Telecom and Communication Service Providers



Open Networking Overview and Benefit

For years, hyperscale data center operators have been enjoying the benefit of open networking: automated and accelerated provisioning of network capacity and services, greater control over the development of enhanced network services, flexibility to work with the best-in-class suppliers reduced network equipment expenses, and reduced operating expense. These open networking benefits are now available for many more networks users.

Now, open networking is addressing telecommunications service provider requirement for new central office architecture, managed service delivery, monitoring and analytics networks, and Internet Exchanges.

Edgecore Networks, together with its technology and integration partners, delivers the leading open networking solutions which meet the requirement for telecommunication service providers to upgrade its new networks to CORD (Central Office Re-architecture as Data-center). CORD combines NFV, SDN, and elasticity of commodity clouds to bring datacenter economics and cloud agility to Central Office for Telecommunication.

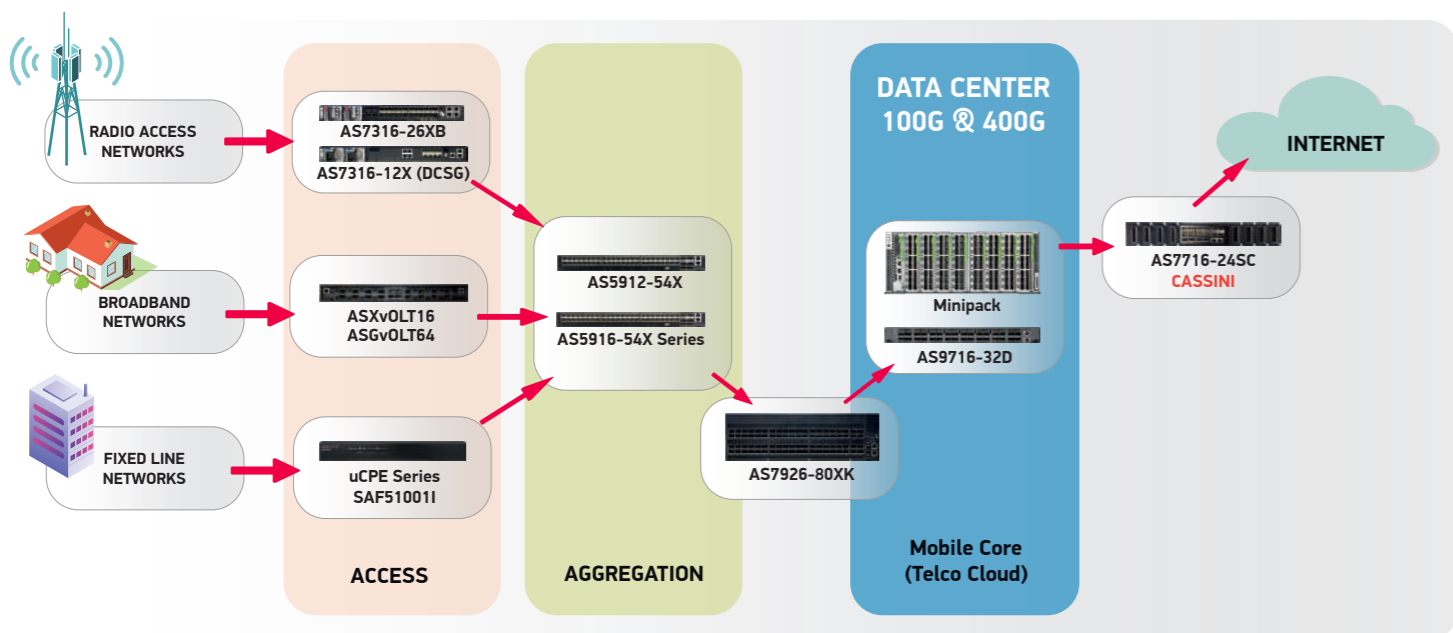
As an active member of OpenSwitch, OCP, and ONF open software community, Edgecore Networks actively offers choices of open source software that provide network operators with open platform as well as enable value-added application development.

Community and Partners

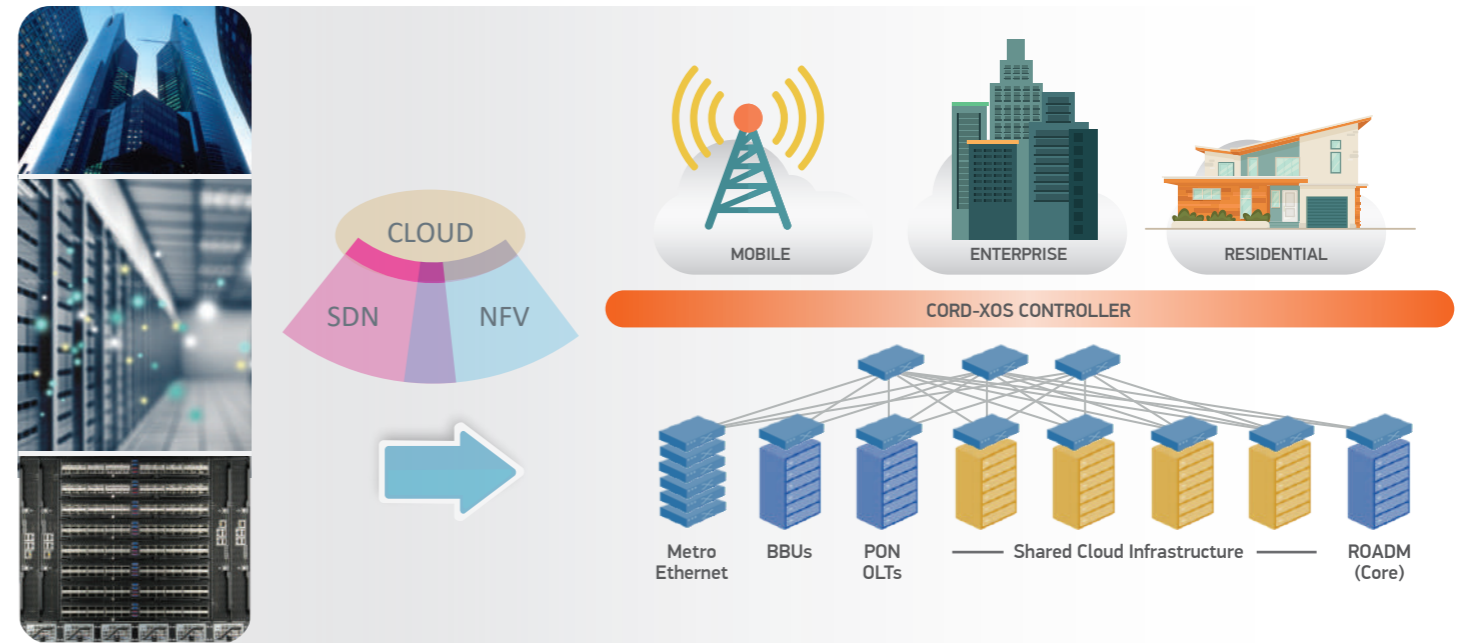


Edgecore Networks contributes to the Telecom Infra Project (TIP) of the hardware design for the "Cassini" packet transponder, the industry's highest capacity and first modular open-source whitebox packet transponder offering a flexible mix of 100 Gigabit Ethernet (GbE) packet switching ports and 100/200 Gbps coherent optical interfaces for data center interconnect and service provider backhaul use cases. Cassini was developed by Edgecore Networks with leading optical companies — NTT Electronics, Acacia Communications, and Finisar Corporation

The Logical Architecture for Edgecore Open Networking CSP Portfolios



CORD (Central Office Re-architected as Data Center) High Level Architecture



Edgecore Open Networking Products with CORD

Edgecore Networks contributes the hardware design for a disaggregated 10G PON OLT to the Open Compute Project® (OCP) Foundation. The industry's first whitebox OLT will enable service providers to deploy 10G PON services from Central Office Re-architected as a Datacenter (CORD) infrastructures, which utilize whitebox hardware and open source SDN and NFV software to lower equipment costs, increase service delivery agility, and leverage open technology innovation

