

# FLEXIBLE PATHWAYS TO PON & 10G BROADBAND

cOS is the only true, cloud-native and virtual PON solution providing a converged multi-access provider edge.



## VIRTUALIZATION & NETWORK CONVERGENCE

Deploy a single, virtual solution for passive optical networks (PON), fixed wireless access (FWA) and existing DOCSIS networks. Gain common control, management and IP traffic forwarding with greater network reliability using the cOS cloud-native broadband platform.



## GREEN & LEAN OPERATIONS

The cOS PON solution supports a multivendor optical network unit (ONU) eco-system for no lock-in. A small form-factor pluggable (SFP+) optical line terminal (OLT) transforms any 10G switch port into a high-efficiency OLT.

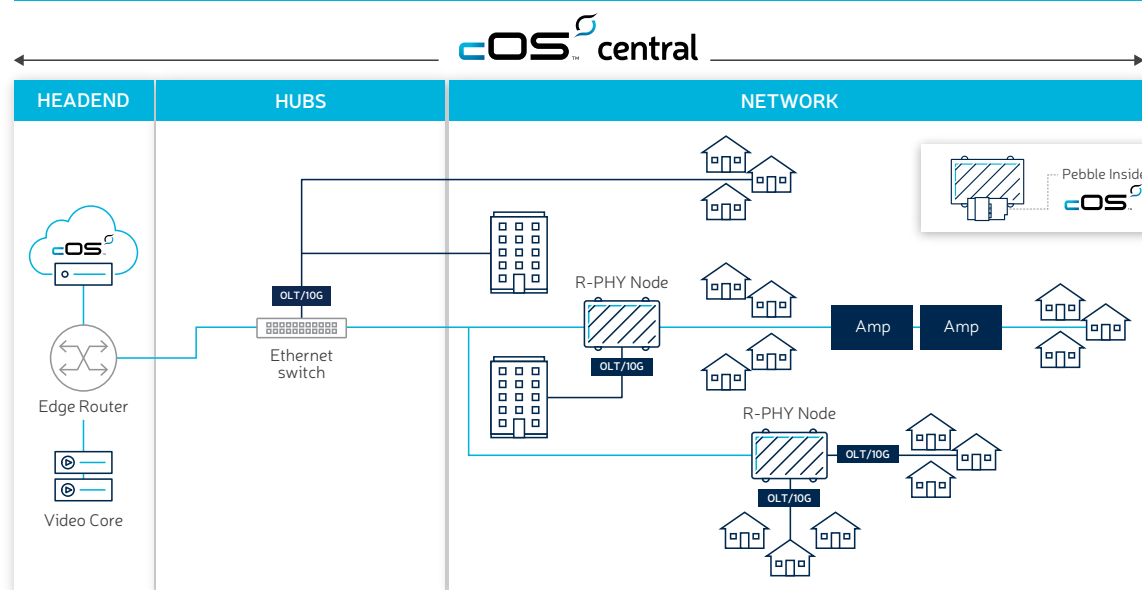


## ENHANCED NETWORK PERFORMANCE

cOS integrates flexible and scalable zero touch provisioning of IEEE and ITU-T PON services. CLI and standard NETCONF models streamline network integration for accelerated service velocity and to ease your operations.

## REDUCE COST OF OWNERSHIP WITH cOS

- Diminish power consumption and real-estate requirements.
- Integrate seamlessly and leverage interoperability with existing infrastructures.
- Improve network reliability with non-stop data collection and analytics.
- Increase time to market and provide revenue-driving services faster.
- Deliver accelerated broadband speeds for the ultra-connected future.



## VIRTUAL PON SOLUTION POWERED BY cOS



## TRUE CLOUD-NATIVE AGILITY.

Accelerate feature rollout as you scale up & out.

Scale subscribers, bandwidth, IP addresses and network functions independent of each other with higher uptime and a common, converged virtual platform for PON, FWA and DOCSIS. Get a flexible solution to quickly scale across multiple dimensions.



## GREEN OPERATIONS.

Expand network capacity as you sustainably grow.

A virtualized cloud native solution is your first step to eliminate hardware constraints and generate up to 75% savings on space, power, cooling and cabling. cOS is a greener, more powerful solution to bring the best level of service quality to every community you serve.



## SUPERIOR QUALITY OF EXPERIENCE.

Maximize performance across the network.

The SFP+ based OLT provides a straightforward path to add PON services. Deploy the solution in a high-density centralized architecture with up to 48 PON ports per rack unit (RU), or in a distributed architecture. Your PON upgrades are seamless to ensure the best service quality in both rural and urban areas.



## UNRIVALED SUPPORT.

Trusted experience working for you around the clock.

Agile-based DevOps gives you the newest feature sets with 24/7 access to support and services that leverage data-rich analytics for complete network visibility. You can launch your new services and maintain legacy capabilities with total confidence.



## INCREASED NETWORK VISIBILITY.

Refine your access network inside & out.

An intelligent, customizable and centralized set of tools gives you data-driven knowledge from edge to end. React fast to changing subscriber demands to proactively resolve issues and identify capacity opportunities before they occur. Our years of field experience are at your fingertips.



## MULTIVENDOR INTEROPERABILITY.

Agnostic and standard compliant.

cOS is industry-standard compliant and can leverage existing infrastructures to minimize hardware investments. Get a turnkey solution that supports third-party components to reduce vendor dependency and improve total cost of ownership.



## TRUE CLOUD-NATIVE AGILITY.

Accelerate feature rollout as you scale up & out.

Scale subscribers, bandwidth, IP addresses and network functions independent of each other with higher uptime and a common, converged virtual platform for PON, FWA and DOCSIS. Get a flexible solution to quickly scale across multiple dimensions.



## GREEN OPERATIONS.

Expand network capacity as you sustainably grow.

A virtualized cloud native solution is your first step to eliminate hardware constraints and generate up to 75% savings on space, power, cooling and cabling. cOS is a greener, more powerful solution to bring the best level of service quality to every community you serve.



## SUPERIOR QUALITY OF EXPERIENCE.

Maximize performance across the network.

The SFP+ based OLT provides a straightforward path to add PON services. Deploy the solution in a high-density centralized architecture with up to 48 PON ports per rack unit (RU), or in a distributed architecture. Your PON upgrades are seamless to ensure the best service quality in both rural and urban areas.



## UNRIVALED SUPPORT.

Trusted experience working for you around the clock.

Agile-based DevOps gives you the newest feature sets with 24/7 access to support and services that leverage data-rich analytics for complete network visibility. You can launch your new services and maintain legacy capabilities with total confidence.



## INCREASED NETWORK VISIBILITY.

Refine your access network inside & out.

An intelligent, customizable and centralized set of tools gives you data-driven knowledge from edge to end. React fast to changing subscriber demands to proactively resolve issues and identify capacity opportunities before they occur. Our years of field experience are at your fingertips.



## MULTIVENDOR INTEROPERABILITY.

Agnostic and standard compliant.

cOS is industry-standard compliant and can leverage existing infrastructures to minimize hardware investments. Get a turnkey solution that supports third-party components to reduce vendor dependency and improve total cost of ownership.