



# Virtual Optical Line Terminal

Disclosed are a virtualization method for an optical line terminal (OLT) device, and a related device.

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An optical line termination (OLT), also called an optical line terminal, is a device which serves as the service provider endpoint of a passive optical network. It provides two main functions: 1. to perform conversion between the electrical signals used by the service provider's equipment and the fiber optic signals used by the passive optical network.

Driven by Harmonic's Cloud-Native virtual OLT controller, Fin-1 enables simple plug-and-play 10G PON capability from a Harmonic node or Ethernet switch by using two available models.

This document describes the architecture of VOLTHA (Virtual Optical Line Terminal Hardware Abstraction), focusing on how its core components interact to provide hardware ...

The OLTs leverage virtual hardware abstraction for greater agility, programmability, increased automation, faster product innovation cycles and deeper network visibility.

Transform your fiber network with high-performance carrier-grade optical line terminals that deliver greater programmability, flexibility, scalability, and open architecture.

For optical networked premise equipment using GPON networks, a concept known as a Virtualized Optical Line Terminator (vOLT) is now realized in on-going test deployments.

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With Axiom Virtual OLT, network operators are able to mix and match equipment to how they deem most suitable for their business operations, network needs, budgeting, etc.

Our SDX 6000 Series of software-defined optical line terminals (OLTs) consists of open and disaggregated access devices that support a broad range of PON standards, including 10G Combo ...



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Web: <https://www.safireschools.co.za>

