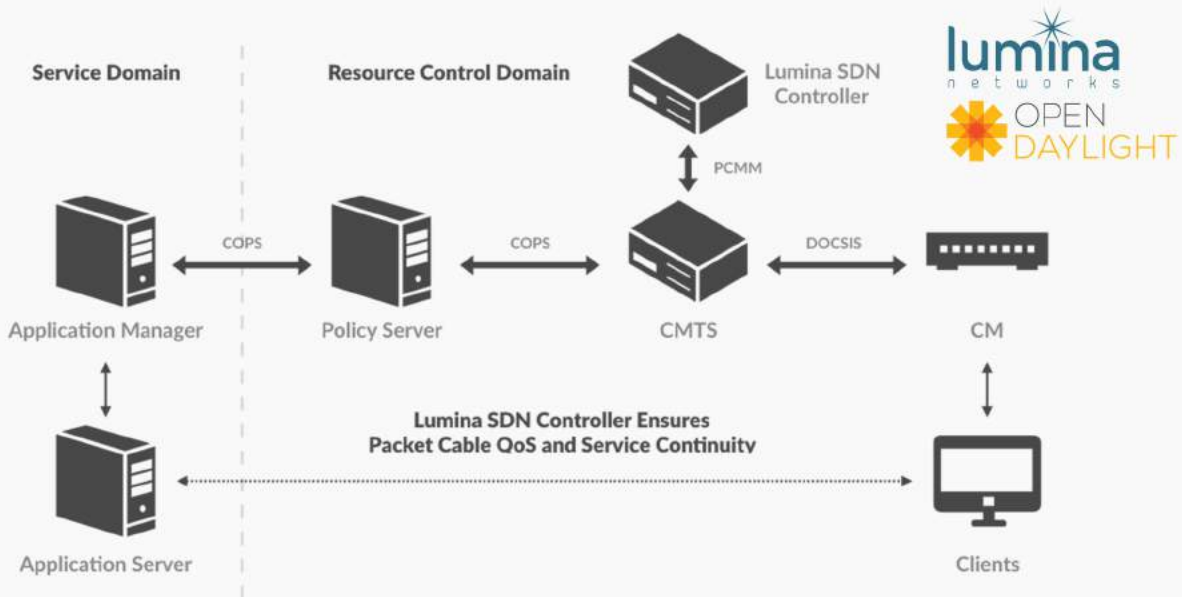


## SUMMARY

PacketCable Multimedia (PCMM) specification is a program initiative from CableLabs to support the deployment of general Multimedia services by providing a technical definition of several IP-based signaling interfaces that leverage core QoS and policy management capabilities native to DOCSIS Versions 1.1 and greater. PCMM defines a service delivery framework that provides general-purpose QoS, event-based accounting, and security functionality founded upon the mechanisms defined in PacketCable.

As part of the SDN evolution, an OpenDayLight PCMM project was created to provide:

- Simple, powerful access to DOCSIS QoS mechanisms supporting both time and volume-based network resource authorizations
- Abstract, event-based network resource auditing and management mechanisms
- A robust security infrastructure that provides integrity and appropriate levels of protection across all interfaces



Current PCMM deployments use expensive, legacy applications with limited enhancements, upgrades, and support. Lumina's SDN Controller provides a supported, low-cost alternative to manage PCMM using an open source and open partner solution. Lumina's extensive work with the Linux Foundation and OpenDaylight have delivered proven SDN Controller projects that manage and control networks for service providers around the globe.

