



Improving the Quality of Service

Using the Quantea QP Series

Problem: A service provider has issues with inconsistent content delivery to their subscribers especially with high bandwidth applications such as IPTV, cloud applications and online gaming. They need a solution that can monitor their environment (PON G/XG), send alerts and at the same time be able to quickly identify the source of incident with 24/7 availability.

With the QP Series, the service provider is able to monitor areas of interest such as IGMP join/leave frequency, successful joins, alerts based on DNS queries/response, DHCPv4/v6 discovers/request. In addition, they can visualize their network traffic and quickly distinguish between broadcast, multicast or unicast traffic; they can also see long term graph reports on areas of interest. With the QP, they are able to make quicker and more effective actions upon any incidents that can indicate performance or Quality of Service issues.

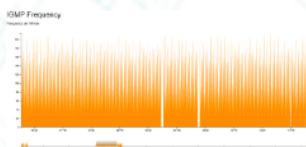
Highlights

Type of Service

Line rate filtering traffic according to Type of Service (ToS) and by any particular QoS modified fields within the packet.



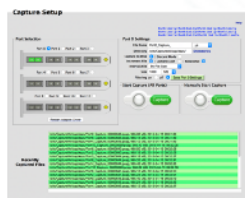
Customized alerts to monitor any traffic specification. Alerts are shown in the GUI and also sent via SNMP to a remote agent. Packets can be directly extracted from these alerts.



Long term graph reports regarding areas of interest such as IGMP join/leave frequency, DNS statistics and others.



Visualize your network traffic and quickly distinguish between top talkers, most linked hosts and with links color coded to show broadcast, multicast and unicast traffic.



Comprehensive network traffic capture capabilities, with storage amplification, independent filtering and traffic replay. The QP Series can capture from 1Gbps up to 100Gbps line rate traffic without losing packets.