

Vonem ElipServices QoS

ElipServices™ - Network Performance TuningElipQoS Optimizes Application Performance

A network is a sophisticated communications infrastructure, responsible for transporting multiple data, voice and video traffic in a timely manner. Unfortunately, traffic is not created equal – so it can’t be transmitted that way either.

One example is the proliferation of Voice over IP, or VoIP, which has put considerable stress on the role of a network administrator. Voice conversations across the network are highly sensitive to latency (delay) or jitter, each a condition easily identified by users anytime there is a problem.

For this reason, computer networks are now designed with the ability to route ‘higher importance’ traffic before sending ‘lower importance’ data packets. For example, voice traffic should be sent first, followed by video, and then by data, in order to improve the end user’s experience.

The challenge is how to establish and maintain a ‘priority queuing system’ within your network infrastructure that is capable of automatically assigning varying levels of traffic importance without purchasing expensive, high-end routers.

The solution is to sign up for an ElipServices package that can assign varying qualities of service to your network traffic, or ElipQoS. The multi-functional ElipSwitch is capable of assigning these varying priorities based on IP address or application protocol. ElipQoS ensures the right programs are given the highest priority, achieving optimal performance for your network.

Benefits:

- Maximize systems performance – ensure your most critical applications are provided the highest priority bandwidth utilization; avoid a voice conversation interruption from a large file download
- Dynamic system – changes to bandwidth allocations are performed in real-time
- Optimize Internet access throughput – utilize existing broadband connections to their fullest potential, avoiding the purchase of additional or larger dedicated leased lines for specific application traffic
- Future proof your network – leveraging a managed service provider offering that includes equipment as part of the service removes the need to worry about device obsolescence
- Flexible solution – priorities may be assigned based on either IP address or application protocol; system supports 802.1p and DSCP settings, traffic shaping and traffic prioritization