

VoiSmart Traffic Shaper (VS-0800-01-TSV)



Product Name: VoiSmart Traffic Shaper (VS-0800-01-TSV)

Manufacturer: VoiSmart

Model Number: VS-0800-01-TSV

VoiSmart Traffic Shaper (VS-0800-01-TSV)

VoiSmart Traffic Shaper is a revolutionary device, which will allow quality calls to be performed even when a network is overloaded and VoIP calls could not usually be established.

The result of a joint research project between VoiSmart and Politecnico di Milano, based on a traffic estimation engine and an innovative traffic control algorithm, VoiSmart Traffic Shaper is a Level 2 Bridge for data and a SIP transparent proxy for VoIP calls. It is totally transparent to traffic, and ready to be used: it allocates resources as a function of the measured traffic and of the voice call requests. It also controls a selective attribution of the data (non-voice) traffic, giving the counterpart an indication of the call drop (if any). It can be also used as a measurement tool of the effective bandwidth supplied by your internet provider.

Dynamic Bandwidth Management

VoiSmart Traffic Shaper performs a real time analysis of traffic, allocating, as a function of the detected codec, the necessary bandwidth to the new IP call. Call Admission Control inhibits any new call whenever the minimum quality levels cannot be guaranteed. Nonvoice traffic is slowed down, being assigned a lower priority class, but not interrupted. If no IP calls are present, the full bandwidth is dynamically reassigned to the normal data traffic.

Moreover, it performs bandwidth shaping also within non-voice data traffic (Web, E-mail, SSH...)

Main Features

- SIP Firewall supported
- All-in-one: no HW or SW to be added
- Easy to install and to integrate
- Astonishing Quality of Service
- Level 2 Bridge
- Embedded Linux OS
- Dynamical evaluation of available bandwidth
- Web interface
- Borrowing as a function of detected Codec and within non-voice traffic
- Multiple Codecs supported
- VoIP optimized CPU
- Use from 640 kbps (ADSL) upwards
- Advanced Call Admission Control: inhibits calls to be issued if adequate band is not available
- Graphic statistics

Price: £995.00