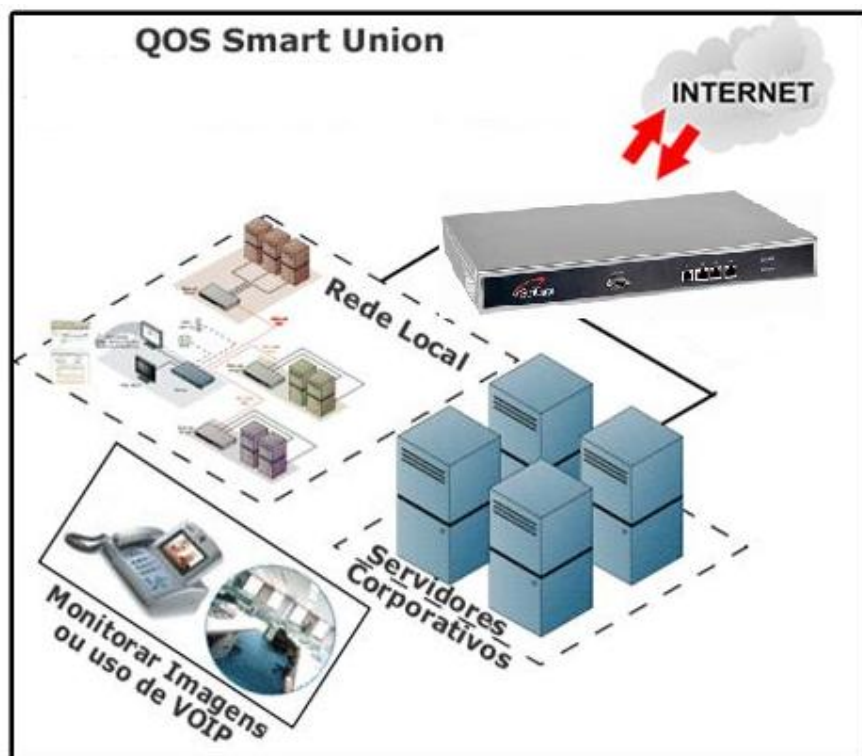


SunGate Traffic is used by thousands of ISP customers worldwide. This demanding customer base has resulted in the highest throughput, lowest latency, most powerful and feature rich bandwidth management product available today.

The ongoing growth and convergence of different traffic types in IP networks has resulted in congestion and increased the complexity of network management. SunGate Traffic inimitably solves this problem and adds value in the areas of performance, reliability and integrity improvement as well as measurement and control. While most bandwidth management solutions are focused on managing queues, SunGate Traffic's primary focus is on avoiding the queues in the first place by managing the traffic at the point of ingress and ultimately, if necessary, provides superior traffic prioritization.

SunGate Traffic TX Series is n favor of capacity up to 20 Gbps bandwidth management.



Unique Advantages

- 10G QoS Hardware
- Automatic QoS
- Super large policies
- PPS Technology
- Latency Management
- Device Failover
- Dynamic rule generation
- VOIP QoS

10G QoS Hardware is built on the true multi-core implementation, which can easily scale up to 10G (full duplex) QoS

Automatic QoS is to intelligently manage the whole network with one single template

Super large policies is supported with up to 200K policies in one device through SunGate's powerful index technology

PPS control technology eliminates the P2P influence on the bandwidth management

Latency Management is buffer and smooth congestion peaks so as to reduce or eliminate discards and retransmissions

Device Failover is to have 2 SunGate Traffic devices to create a redundant environment

Dynamic rule generation is to dynamically generate the rules based on one trigger, which is perfect solution for server QoS

VOIP QoS is based on SunGate' SunGate proprietary algorithms to meet the challenge of real-time requirements of VOIP

Hardware Specification

	SG-Traffic-TX10000	SG-Traffic-TX16000	SG-Traffic-TX20000
Performance			
PPS	4M	6M	8M
QoS	10Gbps	16Gbps	20Gbps
NIC			
MGT NIC	1 x 10/1000 Base-TX	1 x 10/1000 Base-TX	1 x 10/1000 Base-TX
Bridge NIC	2 x 10Gbe shipped with module	2 x 10Gbe shipped with module	2 x 10Gbe shipped with module
Console	Serial、RJ-45		
Layer 7 Application Support			
P2P	BT、eDonkey、Warez、WinMX、Kazaa etc.		
VOIP	Skype、H.323、SIP、RTP、Net2Phone、Vonage etc.		
Game	Doom、Diablo、MSN Games、SWAT、Ultima etc		
Web Media	Abacast、iTunes、RTSP、Winamp MMS etc.		
Business App	Citrix、SMTP、Oracle、Lotus Notes、SAP etc.		
Dimensions and Weight			
Dimensions	2U	2U	2U
Weight	15.5kg		
Bypass module	Internal Bypass Module		
Power requirement			
Input (AC)	100-240 VAC, 80WAR; -48 VDC,80W		
Power Supply	1(Standard) 2(Optional)		
Regulations			
Security	UL 60950-1/CSA CS22.2 60950(ITE) BN60950-1 ITE		
Emissions	BN 55024:1994; A1:2001; A2:2003 Immunity for ITE BN 61000-3-2:2000 Harmonic Emissions BN55022:1998; A1:2000; AS:2003 Voltage Fluctuations BN 55022:1998; A1:2000; A2:2003 Emissions for ITE VCCI; FCC Part 15, Sub-Part B		

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