

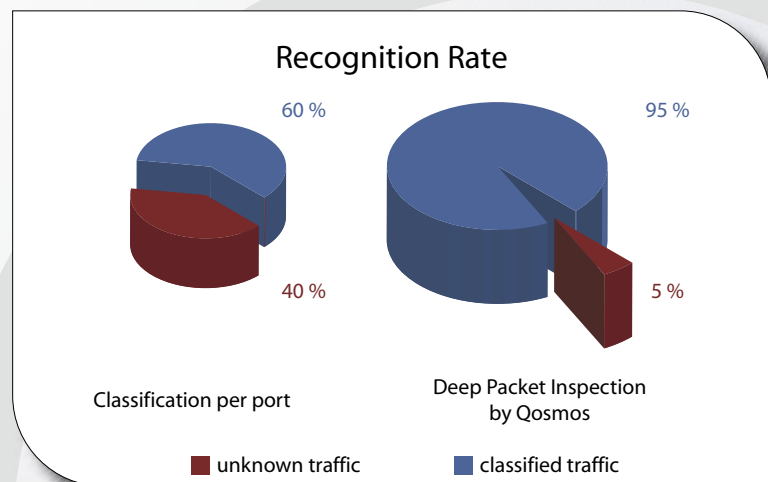


Qosmos Q-Work:

- *Designed to continuously monitor traffic flows, and collect and analyze all information travelling on your network*
- *May be connected anywhere on your IP network*
- *Represents the technological heart of the Qosmos Formynet and Qosmos Netserve offers.*

FEATURES

- Discover all protocols, applications and usages
- Extract business-critical data from live flows at network speed
- Compute statistics and carry out measurements in real time
- Inspect all packets from layers 2 to 7 - Deep Packet Inspection
- Identify all encapsulations: *MPLS, PPTP / L2TP / GRE, DSL, IPV6 Traffic*
- Customize monitoring for each user, server, subnet, VLAN, etc.



BENEFITS

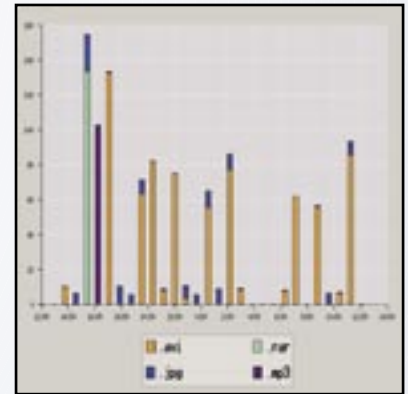
- **Easy to use:** 15 seconds to plug-in and begin traffic flow classification, whatever the complexity of your network
- **Powerful:** The network is a gigantic database: generate a Qosmos NetSQL query and obtain all information of interest to you
- **Fast:** In one click, zoom in on relevant traffic to understand and solve complex issues
- **Friendly:** Intuitive and smart graphical user interface
- **Secure:** Non intrusive
- **Transparent:** Zero overhead on the network
- **Open:** API interoperability makes for easy integration of extracted data in your existing monitoring system

Q-WORK INSIGHT: SEE WHAT OTHERS DO NOT

- Bandwidth utilization for each application
- Volumes of video streaming on Gn Interface in a 3G environment
- Network Response Time for ERP applications
- Top 50 most visited websites
- Average duration of Skype calls
- Volumes generated by P2P file sharing
- Most popular Google queries
- MOS quality of VoIP calls
- And others

THE QOSMOS SOLUTION

- Store results in local or/and distant databases
- Choice of passive mode for traffic analysis...
- ... or intrusive mode for traffic management: Traffic Shaping, Tagging, layer-7 Firewalling
- Secure statistics, measurements and data by activating redundant mode
- Supports XML / RPC or SOAP Management system
- Regularly updated Protocol plug-in dictionary: no firmware upgrade or reboot required
- Semantic recognition of up to 300 protocols and applications: P2P, Video / Audio Streaming, SAP, Citrix, Oracle, Exchange, Chat, Webservices, Mail



Peer to Peer (e Donkey)
Downloads by type of file

ADDITIONAL MODULES

Traffic Shaping: Optimize priority flows, and/or limit throughput for non-core business applications

MPLS / Diffserv Tagging: Tag IP headers to guarantee end-to-end QoS management

Firewall: Powerful firewall facilities to authorize or block application traffic

Traffic Capture: Generate *pcap* files containing full packet sequences of selected flows. These files may be re-used with Ethereal or integrated in a legal interception platform

Traffic Player: Analyze flows captured by Q-Work or third party probes using the enhanced analysis performances of the Q-Work's AFC technology

TECHNICAL SPECIFICATIONS

	Q-Work 1	Q-Work 2	Q-Work 5	Q-Work 6	Q-Work 7
Maximum Capacity					
Throughput	2Mbps	15Mbps	54Mbps	200Mbps	200Mbps
IP Flows	6000	10 000	30 000	70 000	200 000
IP Host	2000	3500	10 000	23 000	80 000
Interfaces					
Network	4x100BT	2x1000BT	2x1000BT	2x1000BT	2x1000BT
Additional Network	no	• 2x100BT • 2x1000BT	• 2x100BT • 2x1000BT	• 4x100BT • 4x1000BT • 4x1000 Fiber SX • 4x1000 Fiber LX	• 4x100BT • 4x1000BT • 4x1000 Fiber SX • 4x1000 Fiber LX
Optional Bypass	no	yes	yes	yes	yes
Console Port	RS-232 (AT-Compatible) / DB-9 male connector				
Dimensions					
Height	1.6 in (4cm)	1U/ 1.7 in (4.3cm)	1U/ 1.7 in (4.3cm)	1U/ 1.7 in (4.3cm)	1U/ 1.7 in (4.3cm)
Depth	6.5 in (17 cm)	14.2 in (36 cm)	14.2 in (36 cm)	14.2 in (36 cm)	14.2 in (36 cm)
Width	12.5 in (32 cm)	16.5 in (42 cm)	16.5 in (42 cm)	16.5 in (42 cm)	16.5 in (42 cm)
Weight	4.4 lbs (2 kg)	9.9 lbs (4.5 kg)	9.9 lbs (4.5 kg)	9.9 lbs (4.5 kg)	9.9 lbs (4.5 kg)
Power					
Power Supply	• 12V / 5A • 50 / 60 Hz	• 110 / 220V • 50 / 60 Hz	• 110 / 220V • 50 / 60 Hz	• 110 / 220V • 50 / 60 Hz	• 110 / 220V • 50 / 60 Hz
Additional features					
Interoperability	XML / RPC, SOAP, SQL				
Management	DB-9 Console Port, Java Interface, ssh command line interface				

Note: Maximum capacity specifications may not all be performed simultaneously. Q-Work may support a greater number of simultaneous flows and hosts: the capacities specified above represent the ideal maximum enabling you to obtain optimum results. Performances may vary according to the number of additional flows.