



qosium

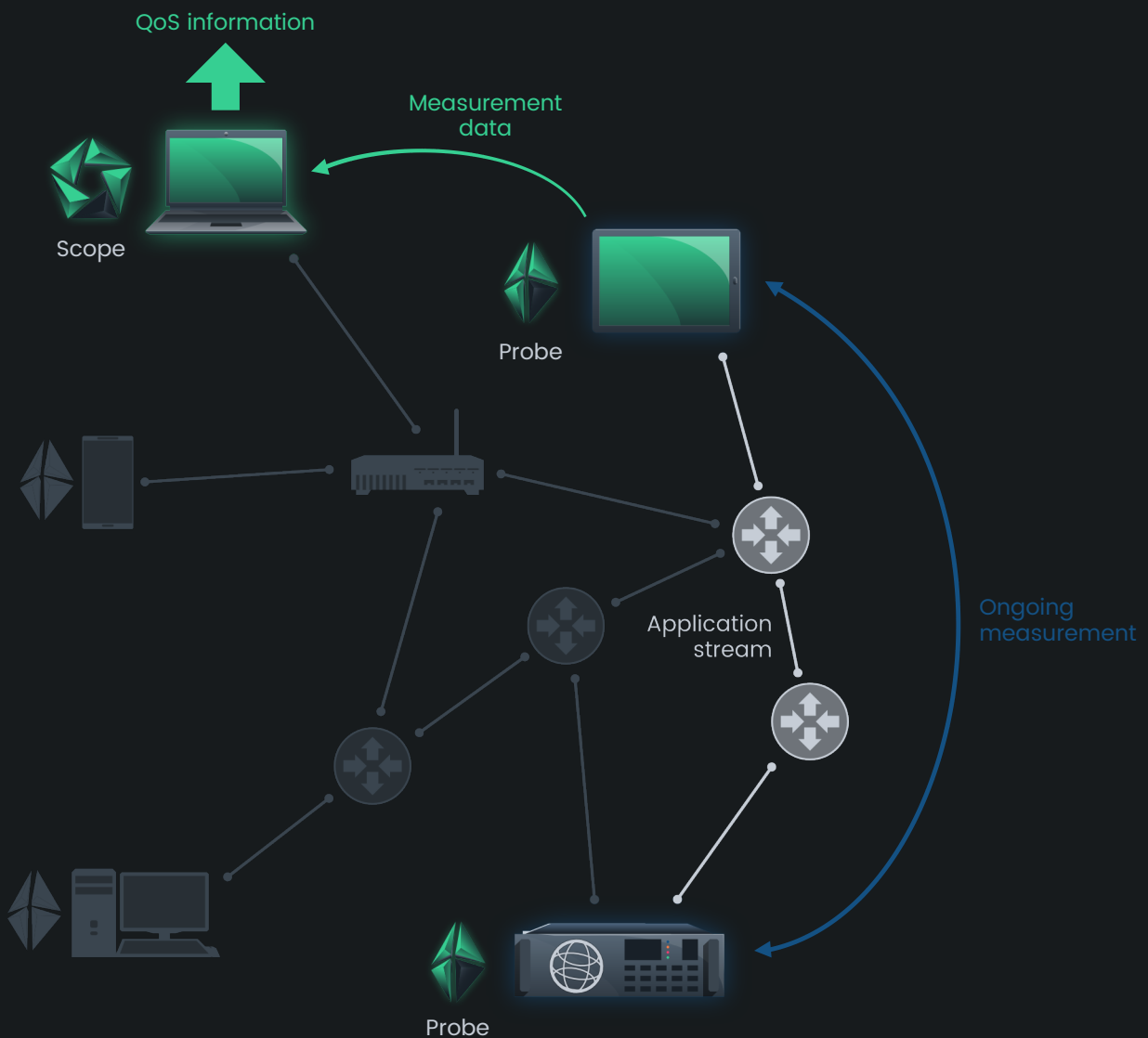
tech specs

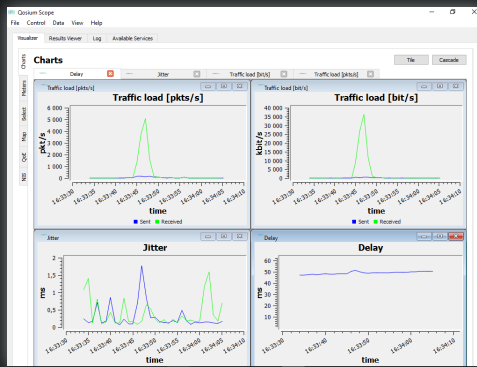
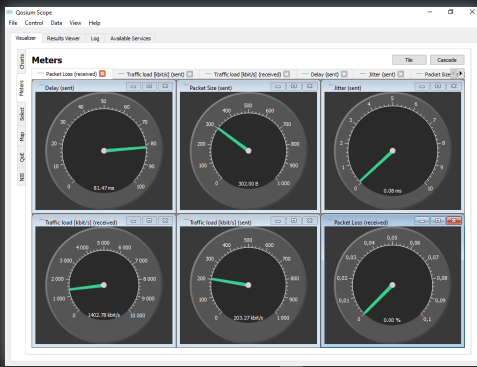
Qosium is a software solution for passive real-time measuring and monitoring of Quality of Service (QoS) of network applications.

Passive measurement does not burden networks with artificial test traffic. Instead, the QoS of real network traffic and applications are measured.

Signal strength or **bandwidth** are insufficient parameters when application performance is critical.

Quality of Service measurement exposes the real underlying problems in the network.





Source	Destination	Protocol	Rate	Load (down/up)	Load (up/down)	Age	Tracks
192.168.1.912976	162.67.161.41.80	TCP	new	56732	211235	0	0
192.168.1.912976	162.67.161.41.80	TCP	persistent	48903	279993	12	0
192.168.1.912987	62.87.161.41.80	TCP	persistent	62663	108561	2	0
192.168.1.912939	162.33.232.218.80	TCP	persistent	44632	162400	13	0
192.168.1.912942	162.115.175.218.80	TCP	persistent	39400	12395	1	0
192.168.1.912947	178.34.232.218.80	TCP	new	35470	25176	0	0
192.168.1.912951	162.33.232.218.80	TCP	persistent	23334	62128	11	0
192.168.1.912952	162.33.232.218.80	TCP	persistent	19004	62089	11	0
192.168.1.912971	178.34.232.218.80	TCP	new	11071	9411	0	0
192.168.1.912970	178.34.232.218.80	TCP	new	11047	6902	0	0
192.168.1.912969	178.34.232.218.80	TCP	new	11032	6179	0	0
192.168.1.912968	178.34.232.218.80	TCP	new	11013	6964	0	0
192.168.1.912964	162.33.232.218.80	TCP	new	11000	39978	0	0
192.168.1.912963	162.33.232.218.80	TCP	new	11008	39902	0	0
192.168.1.912961	178.34.232.218.80	TCP	persistent	6672	5389	0	0
192.168.1.9162274	162.166.1.1.55	UDP	new	6241	1573	0	0
192.168.1.9161796	162.166.1.1.55	UDP	new	3948	992	0	0
192.168.1.9161777	162.166.1.1.55	UDP	persistent	3496	546	1	0
192.168.1.9164807	162.166.1.1.55	UDP	new	2168	838	0	0
192.168.1.9164808	162.166.1.1.55	UDP	new	2168	838	0	0

qosium solution



scope

Analyzer for setting up, controlling, and visualizing Qosium measurements.



probe

Measurement engine with high performance. Install on network devices and computers.



scope lite

Command line analyzer for network engineers when graphical user interface is not feasible.



storage

Repository for Qosium measurement data. A must in big data analysis and machine learning algorithms.

how it works

- **Install Probes** to network nodes
- **Observe** network performance visually and intuitively with Scope
- **Learn** network Quality of Service (QoS) problems with long-term performance monitoring
- **Discover** how your applications and services really perform over the network, in real time
- **Locate** possibly hidden bottlenecks and problem areas in your network
- **Understand** why your network is not performing as expected
- **Receive** information for triggering a variety of events (e.g., alarms or traffic rerouting)
- **Confirm** that SLA agreements in terms of network performance are met

key features

- **Multipoint measurements** enable measuring performance end-to-end, and on any part between
- **QoS statistics** such as delay, jitter, packet loss, and throughput in both directions
- **Flow map** displays application traffic and behavior in an informative way
- **Integration** of Probes into large-scale network management solutions
- **Full traffic captures** can be taken with a special version of Qosium Probe
- **Quality of Experience (QoE)** estimations for video and VoIP applications
- **Real-time** and offline analysis of results
- **NAT support:** Network Address Translation does no more limit passive measurement
- **Intuitive visualization** through meters, graphs, and numerical values
- **Heat map visualization** for statistics tied to location
- **Probe registration** for easy access to all Probes in your network, enabling also availability test of network devices
- **Multiplatform:** Windows, Linux, Android, and FreeBSD are supported, and more to come
- **Open API** for integration with third-party software

get qosium

The best way to learn more about Qosium is to give it a try! We offer evaluation licenses for try-before-buy. Our experts are happy to assist you in installing and getting measurements going. Contact sales@kaitotek.com or visit www.qosium.com to get started!