opale systems

Qual IT - Automated Monitoring of your Network & Applications

Network Teams:
Your mission more complex than ever

Technology has made any single information available at the speed of the Internet, creating a major and disruptive business transformation.

As Cloud Computing, BYOD , Unified Communications (e.g. Skype for Business), video streaming, and Wireless Mobility have bridged all communication gaps, your employees, customers, and partners expect to connect :

▶ with anyone,

▶ to any app,

▶ on any device,

▶ at anytime,

▶ from anywhere.

Airport

Coffee shop

Cloud /saas apps

Office 365   salesforce

Google Apps

Dropbox   Evernote   Zendesk   NetSuite

Virtualization

Branch Offices

Corporate Network

Corporate Datacenter

Physical servers

Home

Most remote place on earth

Network teams need to get better control and insight into all these changes to keep providing a consistent user experience with a high level of service performance and availability, regardless of locations, devices, or applications involved.
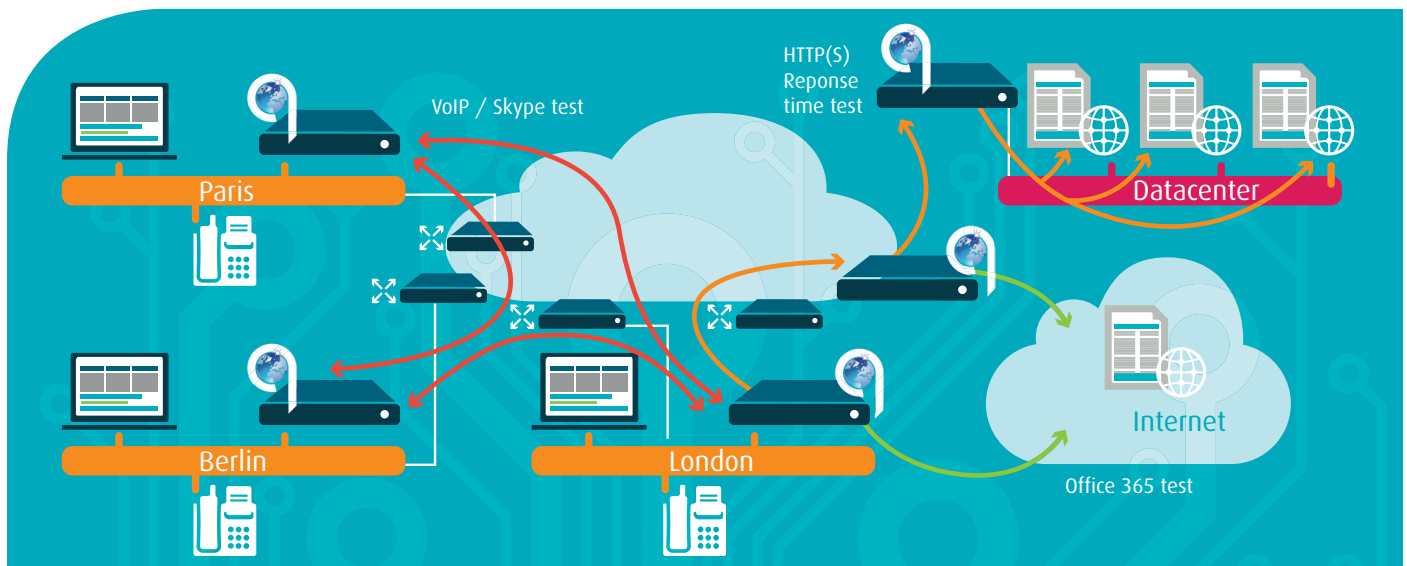
Qual IT provides new insights into your network

Qual IT is an active monitoring solution that delivers insights into end users experience on your services delivery and availability.

Using agents from across the Internet, within your corporate network, or on employee devices, Qual IT centrally orchestrates tests simulating user application traffic and retrieves actionable key performance and usage metrics all the way up to the application server and the cloud as required.

Respond to issues before they impact users, customers, and revenue.

Isolate the problem domain and triage Wireless, Enterprise, WAN or SaaS supplier issues. Exonerate the network easily and troubleshoot only when relevant. Quickly diagnose and even locate issues for faster time to resolution using Qual IT detailed metrics.

Specific test categories are available, whether you wish to validate your network performance between different locations or verify user experience accessing real applications. In any case you can easily deploy to individual agents, or to a mesh of grouped agents to cover any possible scenario.

VoIP / Skype test

HTTP(S) Reponse time test

Paris

Datacenter

Berlin

London

Internet

Office 365 test

Qual IT Console

▶ Intuitive Web based UI,

▶ Centrally manages tests execution and results, agents, alarming, and monitoring dashboards

▶ 100% Open RESTful API,

▶ Provided in OVA (virtual appliance) or ISO formats on Linux OS, as a Windows installer for Microsoft OS, or pre-installed on a physical server.
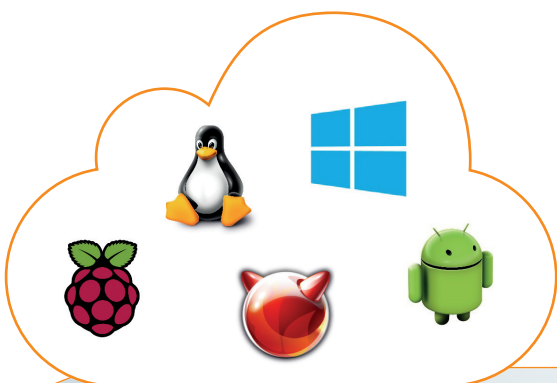
WiFi Box

Hardware Agents « Qual IT Box »

▶ Executes tests on schedule, measure key performance metrics, send results back to Console,

▶ Each agent can act as multiple endpoints using same or different NIC's; wired or wireless,

▶ Light-weight, small and portable form factor.

▶ Supports multiple Ethernet ports - from 10/100/1000 Mbps to 10 Gbps - and WiFi 802.11 a/b/g/n/ac depending on models.

Software Agents

▶ Provide exact same feature set without any limitations versus hardware agents

▶ Installs on any device platform: Microsoft, Linux, FreeBSD, Android, Raspbian OS, Virtual Machines ...

Highlights

▶ **Isolate problem domains faster**, running simultaneous tests from same agent: wired & wireless, to other agents, or to real services,

▶ **Replay any traffic** on your network **in record time**, using the built-in PCAP files converter,

▶ **Mitigate impact of «Shadow IT»** on your operations, with unparalleled visibility and control over end-user experience from across the internet all the way up to the cloud,

▶ Be the **Hero of troubleshooting**, locating performance bottlenecks in seconds with quick validation tests and multi-segment analysis,

▶ **Easily validate new application** or communication service (e.g. Skype) with predeployment assessment campaign.

▶ **Save huge CAPEX & OPEX** using cross platform software agents directly on your user's devices, with the very same features as provided by the hardened Qual IT «Boxes»,

▶ **Balance lack of local resources** by remotely monitoring your WiFi infrastructure, and comparing its performance with wireline access of the same unique agent.
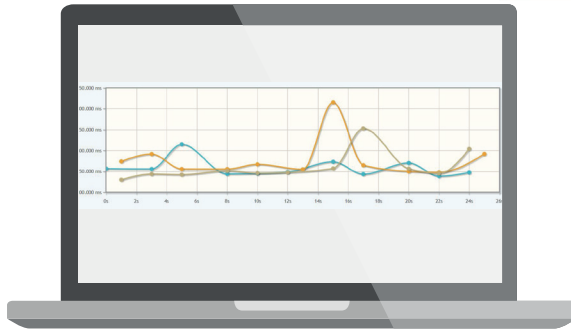
Top 7 network issues solved by Qual IT

1 Poor visibility and control over the end users experience from their device all the way up to cloud

2 Lack of problem domain isolation – application vs network vs system servers – generates blame games across IT departments

3 Corporate network validation on SaaS or Cloud based application performance issues

4 Lack of local resources at branch offices to solve WiFi connectivity and performance

5 Bad QoS propagation from WAN supplier inducing unexpected and intermittent service delivery issues

6 Network bandwidth congestion after new service rollout without any involvement of the network team

7 Ineffective use of WAN resources for multimedia traffic through lack or improper balancing or acceleration

Gain visibility and control of your enterprise network… End to end!

Cloud SaaS & Hosted Apps

Monitor end-user access to applications, wherever the user or the application are located.

VoIP Video & Conferencing

Assure availability and quality of new Unified Communications services
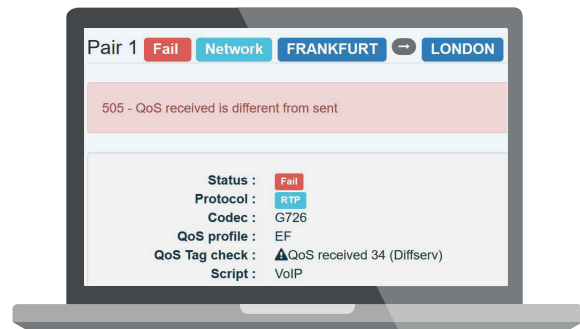
WiFi and Mobility

Monitor WLAN connectivity and performance centrally across the entire enterprise. Correlate end user experience and response times from both wired and wireless access simultaneously.

Network QoS

Check network services availability. Exonerate your network or locate performance bottlenecks.

Model	Description
Console Qual-IT - Licences Logicielles	
QUALIT-10-LIC	Qual-IT, 10 simultaneous tests sessions.
QUALIT-20-LIC	Qual-IT, 20 simultaneous tests sessions.
QUALIT-30-LIC	Qual-IT, 30 simultaneous tests sessions.
QUALIT-40-LIC	Qual-IT, 40 simultaneous tests sessions.
QUALIT-50-LIC	Qual-IT, 50 simultaneous tests sessions.
QUALIT-100-LIC	Qual-IT, 100 simultaneous tests sessions.
QUALIT-200-LIC	Qual-IT, 200 simultaneous tests sessions.
QUALIT-500-LIC	Qual-IT, 500 simultaneous tests sessions.
Rackmount Server Based	
QUALIT-10-SRV	Qual-IT, 10 simultaneous tests sessions.
QUALIT-20-SRV	Qual-IT, 20 simultaneous tests sessions.
QUALIT-30-SRV	Qual-IT, 30 simultaneous tests sessions.
QUALIT-40-SRV	Qual-IT, 40 simultaneous tests sessions.
QUALIT-50-SRV	Qual-IT, 50 simultaneous tests sessions.
QUALIT-100-SRV	Qual-IT, 100 simultaneous tests sessions.
QUALIT-200-SRV	Qual-IT, 200 simultaneous tests sessions.
QUALIT-500-SRV	Qual-IT, 500 simultaneous tests sessions.
Qual-IT Agent Endpoints - Qual-IT Boxes - Wired	
QUALIT-Box-2x1G	Qual-IT Box 10/100/1000 - 2 ports
QUALIT-Box-4x1G	Qual-IT Box 10/100/1000 - 4 ports
QUALIT-Box-10x1G	Qual-IT Box 10/100/1000 - 10 ports
Qual-IT Boxes - Wired & Wireless	
QUALIT-Box-4x1G-WL	Qual'IT Box 10/100/1000 - 4 ports Ethernet plus 802.11 b/g/n/ac
Qual-IT Software Endpoints are free of charge	

Measurement
Accuracy
Guaranteed !