Qual IT - Network and Application Availability monitoring

Network teams: A mission more complex than ever

Technology has made it possible to make the smallest information available at the speed of the Internet, thus creating a major and disruptive transformation of our professions and the way we work.

Now that the Cloud, BYOD, Unified Communication (e.g. Skype for Business), video streaming, and WiFi mobility have filled the remaining communication gaps, your employees, your customers, and your partners demand to be able to connect :

▶ with anyone
▶ to any application,
▶ on any terminal
▶ whenever,
▶ from anywhere.

Network teams must benefit from better visibility and increased control of new uses, to continually ensure a high-level user experience in terms of performance and availability of services, whatever the locations, terminals, or applications in use.

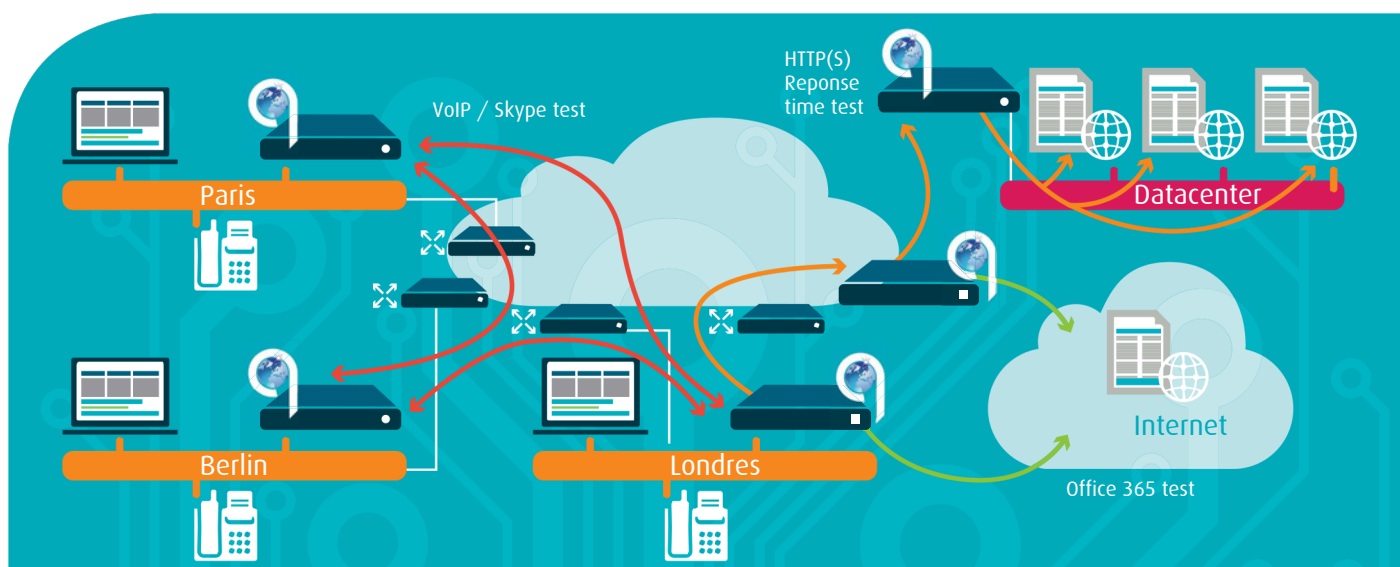## Qual IT sheds new light on your network

Qual IT is an active monitoring solution, which provides a detailed and decisive point of view on the experience of your users accessing your services and their level of availability.

Using agents deployed from the Internet, within your corporate network, or on your employees' terminals, Qual IT orchestrates the execution of tests simulating all types of user traffic, and measures key performance indicators and use throughout the test up to the application server and the Cloud if necessary.

- Resolve incidents before they impact users, customers or revenue.
- Isolate the problem domain among WiFi, LAN, WAN, or hosted or SaaS service providers.
- Easily clear the network or diagnose when needed.
- Locate the fault quickly for better resolution times thanks to detailed information from Qual IT.

Two specific categories of tests are available, depending on whether you want to validate network performance between different locations, or verify user experience to access "real" applications.

In any case, the deployment of these tests on individual agents or the networking of a group of agents to cover all possible scenarios, is extremely simple.
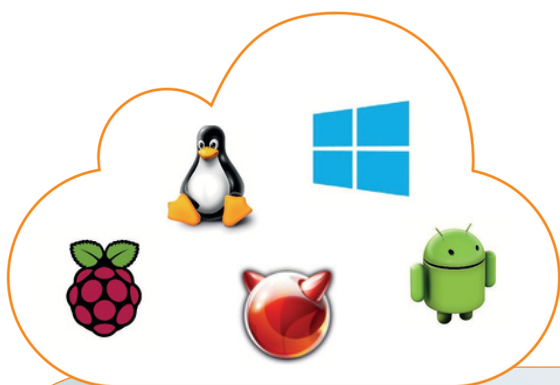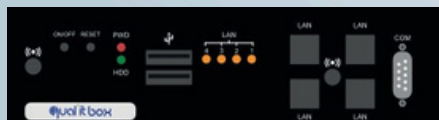

Console Qual IT

▶ Intuitive web interface,

▶ Centralizes the management of test execution and results, agents, alerts, and dashboards,

▶ 100% open RESTful API,

▶ Delivered in OVF (virtual machine) or ISO format including OS debian 11 or Docker

Wifi Box

Hardware Boxes

▶ Execute tests according to your plan, measure key performance indicators, and send the information back to the Console,

▶ Each box can act as several agents both using multiple interfaces or identical, wireless or wired,

▶ Qual IT boxes are light, small and portable,

▶ Support multiple Ethernet ports - from 10/100/1000 Mbps to 10 Gbps - as well as the WiFi 802.11 a/b/g/n/ac depending on the model.

Software agents

▶ Provide an identical level of functionality compared to hardware Qual IT Boxes

▶ Multi-Platform: Microsoft, Linux, FreeBSD, Android, Raspian, Virtual Machines...

Benefits

▶ **Isolate the origin of problems more quickly,** by launching several tests simultaneously from a single agent: wireless & wired, towards other agents, or towards your real application services,

▶ **Recreate any traffic** on your production network in record time, thanks to the PCAP file converter

▶ **Reduce the impact of "Shadow IT" on your network,** with complete visibility and control of the user experience all the way to the cloud and the internet.

▶ **Become the Hero of effective diagnosis,** by locating the problem on your network using link validation tests and multi-segment analysis,

▶ **Easily validate a new service** application or communication (e.g.: Skype) during a pre-deployment campaign.

▶ **Optimize your CAPEX & OPEX expenses** by deploying software agents directly on your users' terminals, with the same functionalities as hardware "Qual IT Boxes",

▶ **Compensate for the lack of local skills** by remotely monitoring your wireless infrastructure, and comparing its performance with wired access from the same agent.
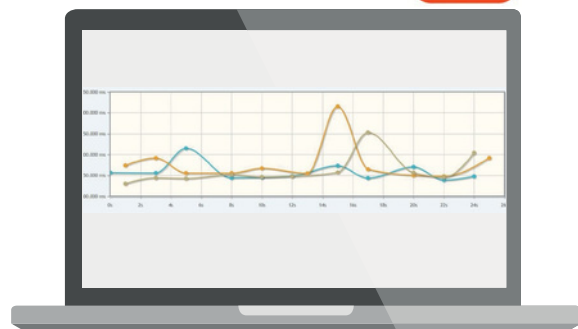
Top 7 problems encountered and resolved by Qual IT

1 Lack of visibility and control of the user experience from their desktop to the Cloud

2 Impossible to determine the origin of the problems – application, network, servers – encourages each department IT to blame the other

3 Exemption from the corporate network necessary for ultimately application problems hosted on the Cloud

4 Lack of competent resources on local sites to resolve performance issues and WiFi connectivity

5 Poor propagation of QoS by the WAN access provider implying degradation or even interruptions of service

6 Traffic congestion following the deployment of new services without upstream involvement of network teams

7 Poor voice-video quality due to poor exploitation of WAN resources and balancing policies or inappropriate acceleration

Take back control on your corporate network... from end to end!

Services Hosted in the Cloud and in SaaS

Monitor user access
to your applications from anywhere

Voice over IP and conferencing

Ensure the availability and quality of new
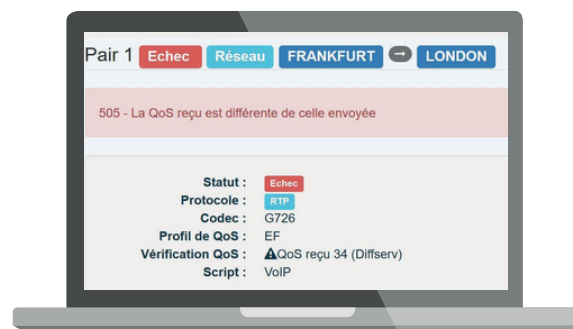Unified Communication services.

WiFi mobility

Monitor your entire company's WiFi connectivity and
performance from your office.

QOS and network services

Check the availability of network services. Clear the
network and/or locate the problem.

Product N°	Model	Description
Qual-IT Console		
Software Licenses Only		
000108	QUALIT-10-LIC	Qual-IT, for 10 concurrent testing sessions. max 200 agents
000111	QUALIT-20-LIC	Qual-IT, for 20 concurrent testing sessions. max 200 agents
000114	QUALIT-30-LIC	Qual-IT, for 30 concurrent testing sessions. max 200 agents
000117	QUALIT-40-LIC	Qual-IT, for 40 concurrent testing sessions. max 200 agents
000120	QUALIT-50-LIC	Qual-IT, for 50 concurrent testing sessions. max 200 agents
000123	QUALIT-100-LIC	Qual-IT, for 100 concurrent testing sessions. max 200 agents
000126	QUALIT-200-LIC	Qual-IT, for 200 concurrent testing sessions. max 200 agents
000128	QUALIT-500-LIC	Qual-IT, for 5000 concurrent testing sessions. max 200 agents
Software Licenses Upgrades		
000158	QUALIT-500-A-UPGR	Qual-IT Upgrade Licence from 200 to 500 max agents
000159	QUALIT-1000-A-UPGR	Qual-IT Upgrade Licence from 200 to 1000 max agents
000160	QUALIT-UNL-A-UPGR	Qual-IT Upgrade Licence from 200 to unlimited number of agents
000161	QUALIT-1000-500-A-UPGR	Qual-IT Upgrade Licence from 500 to 1000 max agents
000162	QUALIT-UNL-1000-A-UPGR	Qual-IT Upgrade Licence from 1000 to unlimited number of agents
Qual-IT Hardware Agent		
Qual-IT Boxes - Wired		
000130	QUALIT-Box-2x1G	Qual-IT Box 10/100/1000 - 2 ports
000131	QUALIT-Box-4x1G	Qual-IT Box 10/100/1000 - 4 ports
Qual-IT Boxes - Wired & Wireless		
000147	QUALIT-Box-2x1G-WL	Qual-IT Box 10/100/1000 - 2 Ethernet ports - plus 802.11 b/g/n/ac Wi-Fi