Pilot Walktour Pack V4.7

Lightweight and Modular Benchmarking Solution

Pilot Walktour Pack is a versatile portable benchmarking solution that enables indoor and outdoor mobile network measuring and troubleshooting.

It runs on the latest Qualcomm and Hisilicon chipset-based measurement devices with the Android-based tablet controller, enabling measurement end-user quality of service (QoS) and quality of experience (QoE).

Pilot Walktour Pack allows users to perform multi-device testing and multi-network benchmarking simultaneously using up to 14 devices and one scanning receiver.

Highlights

· Measures end-user QoS and QoE
· Lightweight and modular backpack design to fit indoor and outdoor walk test
· Use as a standalone system with the built-in hot-pluggable batteries, support maximum 8 hours long measurement campaigns
· Use with up to 14 UEs and 1 scanner
· Allows users to perform multi-device testing and multi-network benchmarking simultaneously

Features & Benefits

Lightweight carry-on benchmarking solution

· Support latest commercial Qualcomm and Hisilicon chipset-based test terminals

· Use with up to 14 UEs and 1 scanner

· Ideal for indoor measurement such as airports, train stations, shopping malls etc., outdoor field test including walk test and drive test

· Automatic indoor positioning function with gyroscope

· Built-in hot-pluggable batteries to perform maximum 8 hours long measurement campaigns

Multiple technology network measurement solution

· Supports 2G to 5G radio access technology, including 5G SA/NSA

· Support LTE and 5G CA carrier aggregation networks

· 5G device performance benchmarking among multiple mobile network operators and vendors

VoLTE MOS benchmarking measurement solution

· Compare and benchmark measurements of VONR、VINR、VoLTE、EPS FB

· M2M POLQA MOS measurement (upto 8 effective channels)

· Real-time monitor MOS score, SIP messages, probe status and alarm
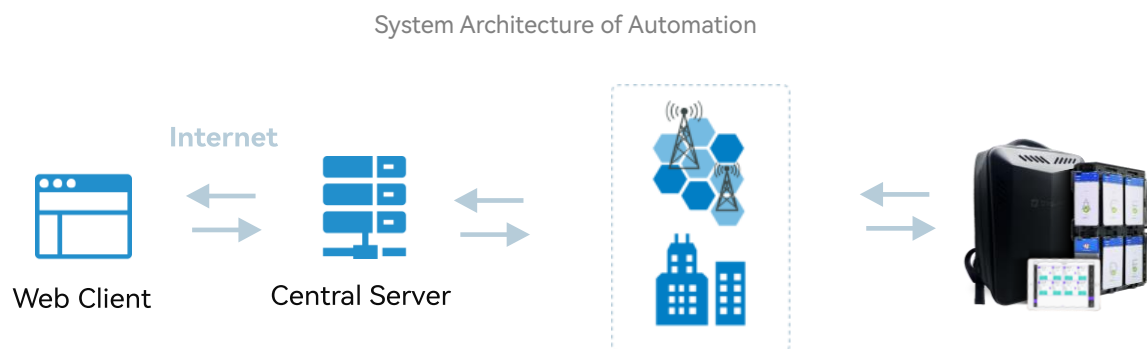
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Wide OTT application testing

· Compare how actual services like Facebook、Instagram、WhatsApp、Twitter, YouTube, Line and TikTok etc

· Ability to test any application by simulating the common activities of users

More connected user experience

Offers full application-level metrics on FTP DL/UL、Multi FTP、 PBM、Ping、Attach、WAP、HTTP Download/Page、Speed Test、Email、SMS、DNS Lookup，Traceroute, Video Play

Automated testing and data management

· Support access to Fleet Edge platform to remotely centralize management

· Configure Pioneer back-end database, support statistics, analysis, and playback for testing data

System Architecture of Automation

Internet

Web Client   Central Server

High precision R&S scanner

· Enables testing with an R&S scanner when connected to Pilot Walktour APP

· Support 5G SA/NSA and LTE wireless networks

· Support services such as Top N/ACD

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