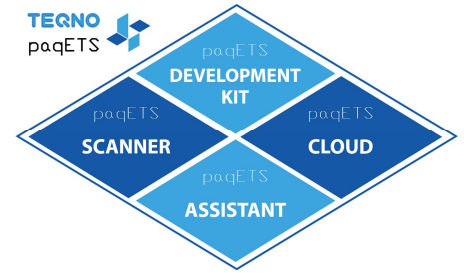# TEQNO paqETS

CLOUD SERVICES FOR NETWORK TEST DATA

Powerful cloud-based functionality for ultimate IoT QoS/QoE LPWA network testing and data analytics of bespoke user-defined test cases

TEQNO paqETS

paqETS **DEVELOPMENT KIT**

paqETS **SCANNER**

paqETS **CLOUD**

paqETS **ASSISTANT**

KEY FEATURES

- Cloud based hosting for all IoT network test data

- Seamless integration with paqETS drive test and handheld LPWA scanners and IoT network monitors

- TLS/DTLS client authentication

- 1 GB data allowance per scanner / user (equivalent to 2000 hours of test data)

- Network survey data, QoS and QoE IoT performance metrics include:

    - Available networks info *(MNOs, RAT type, LTE band)*
    - Camping cell signal strength/quality *(3GPP TS 36.214)*
    - Neighbour cells signal strength/quality *(3GPP TS 36.214)*
    - UDP RTT, packets loss rate
    - Ping (ICMP)
    - TCP throughput
    - NB-IoT NIDD latency, loss rate
    - RRC setup latency
    - PSM/eDRX modes, wakeup latency
    - High latency communication (3GPP TS 23.401)
    - Cells handover performance
    - Jamming status, coverage enhancement level

- REST API to test results database

- Integration with customer IoT / SIM management platforms

- Integration with customer GIS platforms for coverage mapping

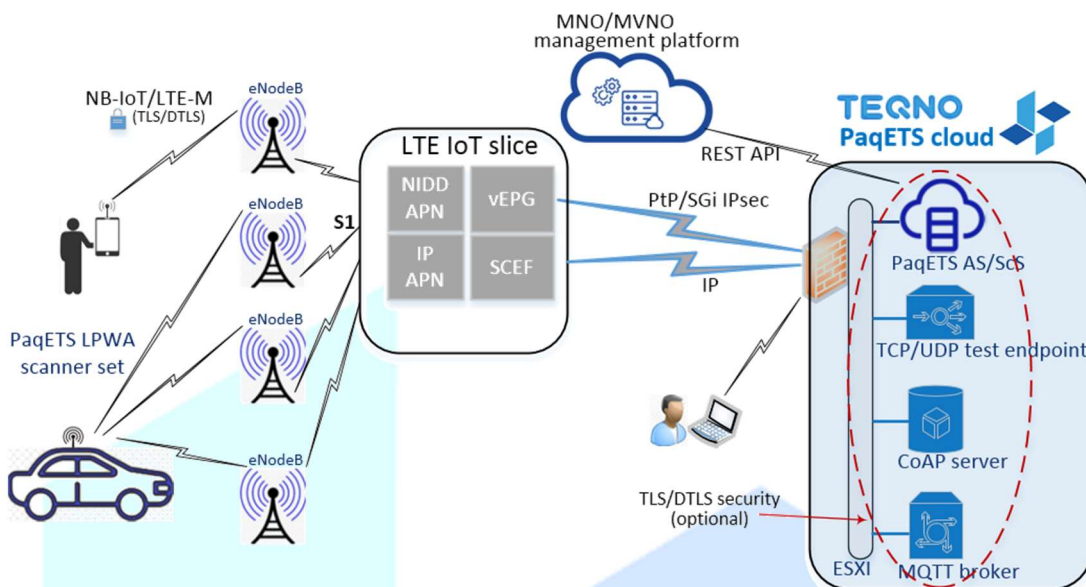- Facilitates custom test cases and IoT Protocols(CoAP, MQTT)

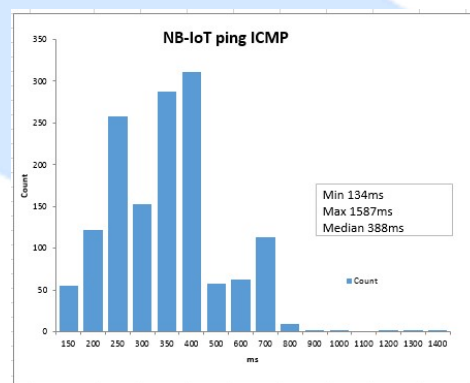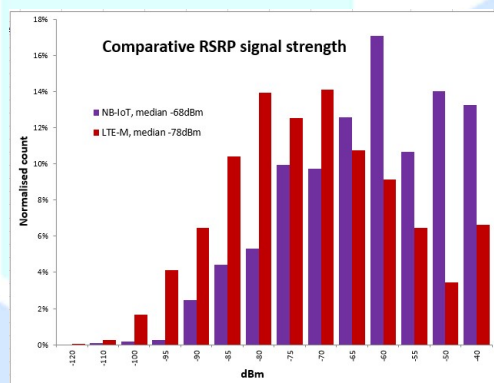*Test and optimise your customers' real experience on your IoT network - before they do*

TEQNO

TEQNO paqETS

CLOUD SERVICES FOR NETWORK TEST DATA

END-TO-END NETWORK TESTING FOR REAL WORLD IoT QoS and QoE

End-to-end testing model

Network performance reports

Coverage Mapping