



QPER Mobile Network Emulator: A Test Plant in an Industrial Rack

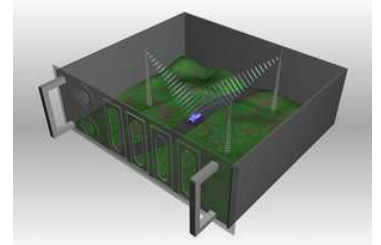
Tucana's partner Qosmotec launches test bed substitute ideally suited for MVNEs and MVNOs that do not own fully fledged test labs.

Qosmotec's QPER Test Bed shrinks the test plants to the size of an industrial rack. It offers mobile service providers without a test lab of their own a compact and configurable mobile network to test UE and SIM card behaviour.

"The number of MVNEs and MVNOs who base value-added services on existing networks, but do not own a test plant grows continuously. QPER Test Bed allows them to run the necessary tests to ensure and improve their service. They no longer need to hold an entire infrastructure available nor rent it", says Mark Hakim, managing director of Qosmotec Software Solutions GmbH.

QPER Test Bed simulates the mobile network consisting of core and radiation functionality. It generates radio signals like a real base station, and supports GSM, GPRS, EDGE and UMTS technology.

QPER Mobile Network Emulator enables engineers to simulate handover scenarios in mobile networks without a fully-fledged test lab. Based on Qosmotec's QPER technology, it allows to test UE and SIM-Card behaviour in a completely emulated mobile network: Cells can be configured with all relevant cell parameters (MCC, MNC, LAC, CI, etc.), SIMs can be added to the HLR and UEs can use standard circuit switched and packet switched services. Thus, the QPER Mobile Network Emulator emulates the all components of a mobile network – consisting of core and radio functionality – and creates RF signals. It supports GSM, GPRS and EDGE (900 MHz, 1800 MHz) as well as UMTS (2100 MHz).



A freely configurable network – open for all UE and handset types

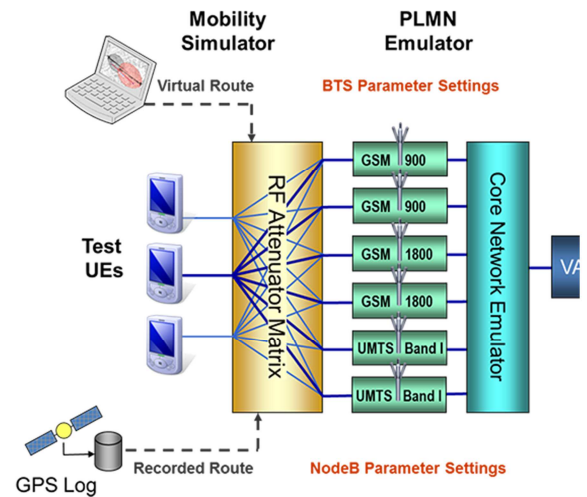
QPER Mobile Network Emulator shrinks the test lab to the size of an industrial rack. All kinds of UEs and handsets can register to the simulated network and use applications like voice calls, SMS, data, etc. Therefore, the QPER Mobile Network Emulator is suited for all operators basing value-added services on existing networks, for example MVNEs or MVNOs

Simulate subscriber mobility, handover and international roaming QPER-Mobile-Network-Emulator

QPER Mobile Network Emulator's simulation capabilities also include subscriber mobility in the simulated network. It is based on the QPER virtual drive test software, that offers an intuitive interface for this purpose allowing test engineers to create and run their test drives with a few clicks in the GUI. This allows them to emulate handover scenarios between cells, network technologies and international roaming. Additionally, QPER Mobile Network Emulator offers the possibility to replicate real drive tests exactly via a GPS interface.

Thus, QPER Mobile Network Emulator offers service providers without a test plant of their own a compact, yet flexible, platform to improve quality and performance of their services.

More information on http://www.tucana.com/products/product/qosmotec_test_automation_systems_44/



About Tucana Telecom

We believe that our success and competitive advantages lies in providing our customers with a combination of telecom know-how, price efficient products, and fast access to expert support. Our products and services are all built on a solid platform of signalling and data protocol know-how. This platform is continuously strengthened through our tight hands on interrelations with our largest customers.

It is our ambition to contribute to increased revenues and reduced costs for our customers by providing them with powerful operations and business support systems. If you would like to know more about the company, do not hesitate to contact us!

More information on www.tucana.com

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Tucana is a value-added distributor of Test- and Measurement-solutions and related applications/services for telecom- and IT-networks. The T&M solutions are used for quality & performance testing, advanced protocol diagnostics, security, network management and monitoring in converged communications networks. Our primary focus are the service providers, fixed and mobile operators, broadcasting companies, OEM's and Enterprises.. The company has offices in Belgium, France, Germany and The Netherlands.

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