



Content Testing / Handset Simulation

Do all handsets work perfectly in your mobile network?

The opportunity for mobile operators and advertisers to sell exciting new mobile content is enormous. However, the variety of available services like MMS, Video Streaming and Web Browsing may cause problems when using different handsets, since the service platforms of the network react individually to each mobile phone type!



See your network through the eyes of your customer



Picture and Text in wrong position

Data Services like Web and WAP browsing, streaming, MMS or video telephony are ARPU driving services.

Premium content download is another huge revenue driver. Subscribers' expectations on quality of service are legitimately high.

At the same time, handset specific behavior plays an important role in the delivery of this content and services.

Delivered content not displayed in the expected format causes a definite negative impact on customers' Quality of Experience (QoE).

How can new devices and services be properly tested in a cost-effective way that ultimately leads to customer satisfaction and increased revenue?

The answer is automated testing while taking handset specifics into account – handset simulation.

Keynote SIGOS provides a powerful handset simulation tool, integrated into the SITE and GlobalRoamer test systems.

More than 1,000 virtual handsets are available from a ready-to-use and expandable library. Simulate the large variety of handsets without the effort of labor intensive manual testing.



Handset Simulation Test Concept Features:

- Simulation of real subscriber behavior, taking handset specifics into account
- Automated testing of services like Web and WAP browsing, MMS, streaming, video telephony, content download
- **Interfaces:** GSM/GPRS Um, GSM Gb, UMTS Uu, HSDPA, HSUPA, EDGE, Iu PS
- Real End-to-End mobile content testing of various handsets
- Validation of received content with mobile profiles
- Database with more than 1,000 mobile device profiles and their relevant parameters
- New customer or country specific handsets can easily be integrated