



Focus Infocom

Your Measurement Solution



Display of 3GMA Pocket

Soon to come:
Load Generator Extension Package

The powerful scripting language of Focus Infocom measurement tools has been extended even further. With the Load Generator extension package, it is easy to run multiple 3GMA or DMTS units to create network load under controlled conditions.

Highlights:

- Testing of networks under well-controlled and reproducible load conditions
- User-perspective testing in well-defined background load situations
- Full set of trace information
- Easy creation of complex scenarios
- Distributed architecture provides scalability and extensibility

Now available!

Smartphone-based Testing with 3GMA Pocket

Smartphone-based routine measurement for in-house- and drive-tests is easy now. 3GMA Pocket is designed to be used for walktests and for providing a simple and cost-efficient way to realize multi-mobile tests including load creation.

Basic functions are

- Internet Radio (Shoutcast)
- Speech tests
- Conventional data tests, e.g. FTP and HTTP
- Video telephony

The UEs Nokia 6630 and 6680 in a standard or trace version serve as platform. Soon the N80 will be available, too.

Highlights:

- Easy operation, safe for non-engineers
- Fully integrated to 3GMA/FIMAS data processing
- Passive (monitoring) mode including rich set of QoS KPI
- As stand-alone system as well as in bundle with 3GMA available
- Soon available: Automated upload and remote-control module



Your Measurement Solution



Innovations 2007 High-end Solutions for Professional Measurement and Analysis

Always to be one step ahead is a vital target for network operators and service providers. Focus Infocom offers new products and enhancements of proven tools for efficient and reliable testing, benchmarking and post-processing.

Find out new features and tools, dedicated for all demands of mobile communication network measurement, analysis and evaluation!

Now available!
HSDPA testing with Nokia and Motorola Trace Mobiles

3GMA now supports the trace phone models Nokia N95® and Motorola V3xx®, enabling HSDPA testing with a rich set of diagnostic information. All new HSDPA data are fully integrated into the 3GMA data architecture with its proven analysis and data visualisation capabilities.



Supported new models Nokia N95® and Motorola V3xx®

Facilities at a glance:

- Antenna interfaces
- Audio interfacing hardware
- Power supply incl. dummy battery
- Hardware cold-start facilities, incl. software controlled reboot capability
- SIM-Switcher for up to four SIM cards
- Remote-controllable RF attenuator
- Occupies only one USB port



The UEControl tabletop module is especially designed for Drive Tests with 3GMA

Now available!
True H.324 Protocol Stack Implementation for Video Telephony

With the new VT2 testing option for 3GMA, Focus Infocom presents a full H.324 protocol stack implementation. VT2 operates with real-time camera and microphone feed as well as audio and video file input and output.

Highlights:

- Full H.324 protocol stack implementation
- End-to-end testing against real handsets or PC-to-PC mode
- Rich set of Multiplexer/Demultiplexer, audio, video, and NSRP diagnostic information
- H.245 message flow logging and decoding
- Configurable phone capability profiles

Soon Video Telephony testing with end-to-end subjective MOS evaluation (VT3) will be available.

In addition to VT2, VT3 provides

- Full H.324 protocol stack implementation
- End-to-end testing using Opticom PEVQ, fully referenced subjective video quality assessment
- ITU-T 862.1 subjective audio quality assessment

Now available!
Work-flow optimised Functionalities in 3GMA and FIMAS

Call analysis in 2G and 3G is extended by features such as

- Call Analysis Control Centre with Layer 3 message flow visualisation and handover-related level analysis
- Handover and reconfiguration analysis
- EDGE percentage in 2G, HSDPA percentage in 3G
- Extended Attach/Detach and PDP context handling analysis, including both user perspective and technical view
- Billing Analysis
- Novel Memopad function: One-click creation of call-related information tickets
- Easy File Group handling



Call Analysis view