

DMTS

DMTS Technical Data

- Fully scalable, from single-network to multi network, multi-service testing
- Unattended/low attended and expert mode operation
- Maximum robustness and reliability
- Distributed architecture, multi-site via LAN or wireless
- Wireless remote control
- Supports a wide range of Trace Mobiles and PN Scanners
- Supports QoS testing with standard user equipment

Focus Infocom's Expertise

Focus Infocom assists network operators in achieving success under fast progressing and challenging market conditions. As a specialist in testing and measurement systems for mobile communication networks, we understand our customer's needs. With more than ten years of experience in this highly dynamic field, we offer powerful, efficient and user-friendly tools and solutions.

Range of System Solutions

- Interactive measurement
- Unattended measurement
- Analysis
- Turnkey/19" Systems
- Benchmarking Systems
- Evaluation and Reporting

All our products have a modular design, offering high flexibility to deal with our customer's requirements and full compatibility due to optimally inter-balanced system components. This allows an optimum in hand-in-hand working.



DMTS

**Distributed Measurement
and Testing System**

For 2G, 2.5G and 3G Wireless Networks

Solutions for Success

DMTS is a scalable testing system based on 3GMA technology.

It is specially designed for benchmarking applications and non-expert operation, e.g. for one-person drive or walk tests, but it also provides all features for expert operation.

DMTS is optimally suited for

- Benchmarking, driver-only operation
- QoS evaluation
- Diagnostics
- Optimisation
- Testing from user's point of view with commercial handsets

Efficiency

Well supported

High-performance

Future-proof

Scalable

Economy

Easy to operate
Low-attendance
operation

User-friendliness

Our expertise is based on more than 10 years of experience, which has made us an established partner of global players.

Designed for Value

DMTS is highly cost efficient on account of its fully modular and scalar structure. Delivered as a turnkey system, it can be easily adapted to any conceivable measurement and testing requirements, in particular benchmarking and mass-data acquisition. Based on 3GMA technology, it supports a broad range of user equipment and operational environments.

Modularity and Robustness

It is well known that 24/7 operation cannot be achieved with today's mobile terminals, drivers and operating systems. Therefore, sophisticated error recognition and recovery technology is needed to ensure robustness. With years of unattended-system experience, Focus Infocom has created a system which achieves highest levels of reliability.

DMTS provides complete independence from measurement channels. In contrast to less modular designs, recovery to full operability can be made without having to compromise or affecting other measurement. The benefit: high availability and excellent productivity of the system.

Flexibility

DMTS measurement units can be coupled via cable or wireless. Some examples: remote-controlling trunk-mounted in-car systems from the driver's seat, wireless control using tablet or palmtop units, or test floor installations with multiple distributed units.

User-friendliness and Safety

The basic system setup is as simple and user-friendly as possible, using only one template script with network-dependent parametrisation. Field operation is even easier: a single mouse-click starts the whole measurement. During operation, system status is monitored with audiovisual feedback without distracting the driver's attention.

Analysis

While DMTS may be operated mostly in "student mode" with minimum requirements as regards training and skill level of operators, it also has an "expert mode" providing all features of the 3GMA Measurement and Analysis tool at no extra cost.

Data Export

DMTS is fully data compatible with all other Focus Infocom components. In addition to local processing and analysis, data can be imported and post-processed to the FIMAS Analysis system (please see separate information sheet) using a no-attendance automatic importer.

QoS and Reporting

In Expert Mode, DMTS provides all the powerful analysis and reporting functionality of 3GMA.

Integrated Crystal Reports® creates ready-to-present reports in various formats. Integrated Microsoft Excel® helps you to create technical reports rich in data ready for further refinement. If necessary, advanced drill-down techniques allow for diagnosis right down to the basic parameters.

Efficiency

The experience and skill we put into DMTS add up to one thing: efficiency. Powerful and versatile functionality, combined with user-friendliness, will assist you in doing your work efficiently. Unparalleled value for money and future-proof design will ensure the long-term value of your investment.

Setting up and optimising mobile-communications under tough market conditions is hard work. We can provide you with solutions designed to help you succeed.

