

Taking you ahead to LTE
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Optimize your test solution
Enter the LTE market
Interested?

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CETECOM's service package for introducing LTE

Taking you ahead to LTE



LTE (Long Term Evolution) opens up new perspectives: mobile communication has never been so universal and flexible as it will be with LTE. At the same time LTE will be one of the major challenges that all players in the mobile communications market will have to face since the introduction of GSM technology - with regard to technical implementation, time schedule and costs.

For companies that plan to enter or have already become active in the field of LTE, CETECOM has elaborated a comprehensive service package which contributes to a successful introduction of LTE. At a very early stage of the LTE rollout CETECOM offers you the support for preparing your devices, networks, test systems and testing facilities for the upcoming technology.

Start LTE pre-testing now

LTE pre-testing is now available at CETECOM. Our test laboratory is equipped with two different LTE conformance test platforms: the combined Rohde & Schwarz test systems TS8980 (for RF) and CMW500 (for protocol) and Anritsu's LTE ME7873L stand-alone tester. Worldwide, CETECOM's Anritsu LTE test platform is the first one to be operated in a test laboratory.

Regulatory testing for electromagnetic compatibility (EMC), health and safety and conformance testing according to the latest test specifications will start at our test center in the first quarter of 2010.

Testing on LTE networks

Testing under real network conditions will be available to our customers as soon as the commercial LTE networks go into operation. Services such as network analysis and optimization, field trials, drive tests and application IOT/IOP tests will then contribute to the quality of the LTE networks and the interference-free operation of devices in these networks.

TOM Database goes LTE

A new module prepares CETECOM's renowned TOM database for the upcoming technology evolution. After the successful internal trial period the new LTE module is now commercially

available for interested customers. TOM LTE has the same functionalities as the existing TOM modules and combines the well-known advantages with the challenges and requirements of the upcoming technologies.

Equip your test lab for LTE

For manufacturers who plan to equip their own test facilities with LTE test platforms CETECOM will offer two low cost and highly efficient test platforms: FACTSware RFRD for R&D and regulatory testing purposes and FACTSware RFCO for conformance testing. Both test platforms consist of state-of-the-art measuring components from well-known manufacturers and provide a high degree of user friendliness and optimization potential for your test projects.

Furthermore, CETECOM has started to develop the protocol test platform FACTSware LPRO that will cover the requirements of the 3GPP test specification TS 36.523-1. The implementation sequence will be adapted to the GCF priority.

Optimize your test solution

Our validation competence centre evaluates and verifies LTE test system hardware, test system software and test system tools - with regard to your own quality targets and according to the requirements of PTCRB and GCF. Our R&D experts are actively involved in the development and verification of LTE test mobiles.

Enter the LTE market

Need support with regard to standardization policies, test specifications or international regulatory certification? Our LTE experts can assist you from the development of your product to its successful market launch.

We provide the latest status of information from the relevant committees, check your technical documentation and verify test cases. For your product, we analyse the requirements to be fulfilled for GCF, PTCRB and individual network operators. Our International Type Approval (ITA) team handles product approvals for you in more than 150 countries all over the world - unbureaucratically and effectively.

Interested?

Are you interested in our LTE services? If so, please contact our editorial department: newsletter@cetecom.de. We would be pleased to provide more details or meet you personally for introducing our LTE service package.