



MOBILE COMMUNICATIONS

A series of e-communications from Tektronix

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Issue 4**

Welcome!

With GPRS steadily picking up and UMTS now actively launched and promoted in countries such as Italy and the UK, some issues are now a challenge to operators and manufacturers in the industry. Addressing these issues is facilitated by the application notes and updates for Tektronix newest solutions, which can be found within this edition. We also want to hear from you on how to improve what we do as well as make it easy for you to hear about us, if you decide to do so.

Don't forget to forward this newsletter to your friends and colleagues.

Best Regards

Paolo Trevisan
Marketing Manager, Network Diagnostics

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NEW Application Note, Capacity Test for GPRS

GPRS traffic is steadily growing quarter by quarter. According to EMC, the World-Wide number of GPRS subscribers has increased by 47% over the last quarter of 2002. This brings a new set of challenges to Network Equipment Manufacturers and Operators who need to make sure the network is capable of

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handling packet traffic reliably under increased load conditions. [Download](#) the 'GPRS SGSN Capacity Testing' Application Note to find out which test methods and tools are required to ensure that GPRS SGSN products can operate properly at full load under various traffic conditions.



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NEW On-Line NetTek Web Demo

Discover Tektronix' modular, easy-to-use solution to mitigate network operators' QoS issues. The NetTek® BTS Field Tool revolutionizes the way mobile network base stations can be serviced and maintained in the field. [Try out the NEW On-Line NetTek demo here](#)



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NEW Application Note, W-CDMA Handovers for Network Operators

With UMTS networks now launched in some European countries and complete coverage guaranteed by means of national roaming agreements with GSM/GPRS operators, it is essential that full service availability is achieved across multiple standards. Handover is the single most critical function to ensure this happens and Tektronix WCA200A Wireless Communications Analyser provides the unique features needed to evaluate it between W-CDMA and GSM/GPRS systems as well as track down any source of errors. [Find out more](#) in the Application Note 'Multi-mode Analysis to Evaluate Designs for W-CDMA Compressed Mode Operations'.



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FREE Reprint of a Roundtable Discussion.. matching the pace of 3G?

Take a look at the discussion between representatives involved in the development and deployment of next generation mobile network infrastructure at a recent roundtable sponsored by Tektronix and published in the April issue of 'Mobile Europe' magazine. Among others, representatives from Vodafone, Lucent and mmO2 attended the roundtable. In case you missed that issue, you can order your complimentary [copy of the roundtable reprint here](#).



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NEW K12 latest Software Release

The New K12 Version 2.50 introduces a number of enhancements such as MMS monitoring, further protocol support for UMTS R99 and R4, new features for Gb monitoring to protect data security, as well as speech applications for both PCM and AMR coding. Find out more [here](#) or by contacting a [Tektronix sales representative](#).



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