Tektronix®
Enabling Innovation

Mobile Communications

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Issue 3

A series of e-communications from Tektronix

Welcome Valued Customer

There are a lot of new and exciting things for you in this first quarter issue of 2003. You can check out Tektronix industry-leading solutions that were introduced at the recent 3GSM World Congress and request our valuable application notes and new pocket guide to assist you through the development and implementation of next generation wireless networks.

Share this with colleagues and friends by asking them to register, and, as always, we value your feedback.

Paolo Trevisan
Marketing Manager, Network Diagnostics

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Tektronix Supports UMTS Release 4

USEFUL LINKS

UMTS Forum

Net Seminar - the Basics of Protocol Analysis

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Sviaz Expo Comm 12-16 May

FREE! - Everything about UMTS in your pocket!

Order here and don't miss the new Tektronix pocket guide 'Building Next-Generation Mobile Networks'. This very practical guide can be your quick reference for UMTS interfaces and protocols. Moreover, it contains examples of real UMTS scenario templates (for example, a Mobile Originated Call) based on our practical findings from the first UMTS networks. Just fill in the form and we'll be happy to send this handy pocket booklet to you.

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NEW! Application Note for Automated Testing of Location Based Services

Value-added services, such as location based services occupy a prime position in order to increase revenue from existing subscribers. Key to the success of any new service is its acceptance by the target market and this in turn, relies on the speed with which the service is brought to market, as well as the ease of use and reliability. Download Test Automation - using the example of testing Location Based Services' to find out how automated testing can ensure time-to-market and the required Quality of Service.

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NEW! industry-leading solutions from Tektronix presented at 3GSM World Congress 2003

In order to minimise costs during the early years of 3G network deployment, operators will re-use as much existing infrastructure as possible. Inverse Multiplexing for ATM (IMA), a technology that bundles current lower bandwidth (E1/DS1) network links to gain higher bandwidth (3G) backhaul capabilities, is proving to be a successful way to achieve this goal. However, in order to employ IMA, operators must have a non-intrusive monitoring tool that examines all lines without utilising additional test equipment. While most IMA monitoring tools interrupt lines carrying active network traffic (cutting off traffic on the link, while the connection is being made), Tektronix' new IMA solution is the only one to monitor passively.
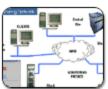
Find out more about IMA here

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NEW! Network Planning and Intelligent Roaming Monitoring (IRMA) Applications

Being profitable in the established GSM market is critical to network operators, because the rollout of next-generation (2.5G and 3G) networks is dependent on revenue generated from GSM services. To be profitable, GSM operators rely on statistical data for network traffic, network element performance and Quality of Service (QoS).

New Planning and Intelligent Roaming Monitoring (IRMA) applications leverage the proven NET-X platform to enable efficiencies in network planning and network performance with evaluations of roaming scenarios, therefore enabling Mobile Network Operators to maintain a high level of Quality of Service and maximise revenues.

Download your planning application note for GSM networks

Download your IRMA application note

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Tektronix UMTS Seminar Series 2003 - make your opinion count

We are now preparing for our next series of European Technology Seminars, in order to share with you, our expertise and knowledge of next generation mobile network technology and it's testing requirements. To make sure we develop relevant content for your requirements, we very much welcome your input and suggestions.

Please take one minute to fill in this survey
so we can tailor the content, format and seminar locations to your needs. In

this way, you will also be able to receive advanced information on the programme and just like the past two years, the seminar will be free-of-charge!

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Apply here for a FREE one day measurement session with NetTek

If you are a Network Operator, Equipment Manufacturer, Installer or Contractor for the deployment or operations of a 3G test or live Mobile Network, benefit from a daylong measurement session with Tektronix NetTek, supported by one of our qualified Application Engineers. An opportunity to set-up, measure and analyse results obtained by our NetTek Base Station Test Toolbox.

Make sure you apply here immediately as availability is limited!

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Take advantage of the Protocol Tester Bundles for GSM, and GSM/GPRS

As 2G and 2.5G networks have reached maturity, there is a need to streamline and optimise the tools required to troubleshoot and maintain them. As market leader of protocol tester applications, Tektronix has devised special protocol monitoring bundles including both the Hardware and Software required, to entirely monitor and analyse existing networks.

- For the GSM Bundle - Order code: 7KK1269-6MA11
- For the GSM/GPRS RAN Bundle - Order Code: 7KK1269-6MB11
- For a complete GSM/GPRS Network Bundle - Order Code: 7KK1269-6MC11

All starting at a very convenient list price!

Find out more by contacting a Tektronix sales representative.

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If you enjoyed the Tektronix Mobile Communications Update, please forward it to your friends and colleagues! All are welcome to sign up for free e-newsletters

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