

PRESS RELEASE

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setcom announces new wireless protocol tester

First release of the S-CAT 5030 will support R&D, conformance testing of UMA/GAN mobiles

setcom today announced a new member of the S-CAT family, the S-CAT 5030 wireless protocol test platform. The first test suite to be made available for the 5030 will support the 3GPP UMA/GAN protocol and includes an Up interface in the form of a W-LAN access point. This new wireless protocol tester runs all relevant Up test cases, without any need for additional devices. Networked with 2G or 3G RF units over the LAN, the S-CAT 5030 is ready to perform all testing according to GERAN TS 051.010. Test engineers can access the 5030 remotely via the network, from any PC. A wide range of RF interfaces are available facilitating the integration of this tool into an existing infrastructure to support the development and conformance testing of GAN wireless terminals.

UMA/GAN promises to play an important role in the convergence of fixed and mobile service offerings. The 3GPP UMA/GAN specification for this protocol defines a standard that will enable the seamless integration of UMA/GAN (unlicensed mobile access/generic access network) and core GSM / UMTS networks. Tools such as the S-CAT 5030 will permit testing of devices to ensure that they adhere to the GERAN TS 051.010 specification. This will in turn facilitate the development and subsequent successful conformance testing of wireless terminals, encouraging market acceptance and deployment of the technology.

Peter Lund, setcom's president of world-wide sales points to market demand as the driver behind development of the S-CAT 5030. "We have developed this product to address our customer's needs and are building on the same design principles that have made our innovative S-CAT 5020 applications conformance tester so successful in the marketplace. We are proud to once again bring our clients ground breaking solutions to increase performance within protocol development and conformance testing."

The S-CAT 5030 has been designed to offer test engineers a one-box solution that provides remote access to the functionality it supports to all users with access to the company network. Its architecture facilitates the installation of additional wireless protocols test suites and revised test cases such that these may be added at any time upon becoming available.

The S-CAT 5030 (setcom comprehensive applications tester) is a member of a product family that also includes the GCF/PTCRB validated S-CAT 5020 conformance tester and the S-CAT 5010 engineering tester, used in research & development of mobile terminal applications. Application packages offered with both the 5020 and the 5010 includes Multimedia Message Service (MMS) and Push to talk over Cellular (PoC), with Instant Messaging & Presence Service (IMPS) and Video Telephony (VT) due for imminent release. Further applications including Digital Rights Management (DRM), Streaming, Browsing, Data Management Synchronization and email (POP3 and Push) are under development and will be released in the near future.

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Background information for editors

Unlicensed Mobile Access (UMA) (www.umatechnology.org)

Unlicensed Mobile Access (UMA) technology provides access to GSM and GPRS mobile services over unlicensed spectrum technologies, including Bluetooth and 802.11. By deploying UMA technology, service providers can enable subscribers to roam and handover between cellular networks and public and private unlicensed wireless networks using dual-mode mobile handsets. With UMA, subscribers receive a consistent user experience for their mobile voice and data services as they transition between networks.

Global Certification Forum (GCF) (<http://gcf.gsm.org>)

The GCF consists of members including network operators and terminal manufacturers and provides an independent programme to ensure global interoperability of 2G and 3G mobile wireless terminals. Membership includes the most important network operators in the European market.

PCS Type Certification Review Board (PTCRB) (<http://www.ptcrb.com>)

The PTCRB provides the framework within which GSM wireless equipment is certified for members. Membership includes the most important network operators in the North American market. The PTCRB organises the GSM 1900 Type Certification Program. This is accepted as an alternative to compliance with FCC regulations when seeking to certify mobile equipment for use with GSM and GPRS in North America.

3rd Generation Partnership Project (3GPP) (<http://www.3gpp.org>)

The 3GPP is a collaboration agreement that brings together telecommunications standards bodies including ARIB, CCSA, ETSI, ATIS, TTA, and TTC. The scope of the organisation is to produce and maintain specifications and standards for 3G technologies that have evolved from GSM and related technologies such as GPRS and EDGE.

Conformance Testing

To test and ensure the interoperability of mobile terminal applications, the wireless industry introduced applications conformance testing in late 2004. Conformance testing is driven by OMA and forms part of an initiative to encourage the creation of interoperable services across countries, operators and mobile terminals that meet user demands.

setcom (www.setcom.de)

setcom, whose roots go back to 1989 in Munich, Germany, is an independent technology supplier of test solutions for the digital wireless communications industry. These test solutions address signalling protocol testing on GSM, GPRS, EDGE and UMTS systems as well as testing of mobile terminal applications such as MMS (multimedia message service), PoC (push to talk over cellular), email and Video Telephony. The company's goal is to help reduce its customer's development cost and shorten their time to market.

For further details please contact: -

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