



Mass Mobile Internet breakthrough as SIMalliance brings WAP reality closer with the release of full S@T™ specifications

SIMalliance announces *Public Key Infrastructure* and *Bearer Independence* projects

(London 31 July, 2000) SIMalliance, established in 1999 to maximize the benefits and interoperability of **SIM ToolKit** technology, today publishes the full **S@T (SIMalliance Tool-box)** specifications. S@T enables **GSM operators** to offer **mobile Internet** services to all phase 2+ phone users now, bringing the market one step closer to full-scale access to **WAP services**.

Today's release of the complete set of specifications enables the entire industry to develop a wide range of interoperable products. S@T specifications are now available on the

SIMalliance web site: **www.simalliance.org**.

Mobile Internet now

The S@T specifications ensure interoperability between S@T vendors and allow operators and service providers to readily deliver mobile Internet services to the mass market. S@T is based on SIM ToolKit, the world's most popular SIM - based environment for developing value-added services. Strong SIM Toolkit market support combined with the strong penetration of SIM Toolkit compatible handsets means that a large subscriber base for WAP services can be reached today.

Working with WAP

The S@T open specification functions alongside WAP, making mobile Internet content available now to both WAP phones and to Phase 2+ handsets. Operators and content providers profit from maximum flexibility and maximum reach in the current and future GSM market.

Next Developments

Following the successful development and launch of S@T specifications, the SIMalliance extends its commitment to providing ready-for-implementation, open specifications by announcing the following initiatives:

1. **PKI for S@T - "Securing Mobile Commerce"**

SIMalliance has launched a new project - *PKI for S@T* - to develop Public Key security for S@T browsing. Once complete *PKI for S@T* will ensure mobile transaction security on Phase 2+ handsets. PKI (Public Key Infrastructure) providers are welcome to contact us regarding participation in this initiative.

2. **Bearer Independence**

By initiating this project, SIMalliance aims to make S@T technology bearer independent by enabling S@T browsing sessions using GPRS - this will increase user friendliness, speed and interactivity thanks to larger bandwidth. SIMalliance welcomes the input of handset manufacturers in the development of these specifications.

About SIMalliance

SIMalliance is a non-profit company established under UK law. The initiative, set up by Gemplus, Giesecke & Devrient, ORGA and Schlumberger, has recently welcomed Oberthur Card Systems as a new member and is currently handling membership proposals from another 50 interested parties. SIMalliance also welcomes proposals for partnerships and the participation of operators, companies and organisations able to actively contribute to the achievement of the SIMalliance's objectives.

Ends.

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