

**Meeting Number** SERG #34  
**Meeting Date** 14-17<sup>th</sup> June 1999  
**Meeting Location** London, UK

**SERG Doc 90/99**

**Title** LS to 3GPP TSG-SA on the use of SIMs in 3G mobiles  
**Source** SERG  
**Date** 16<sup>th</sup> June 1999

<b>Security Classification Category:</b>	
<b>Unrestricted – Industry</b>	<b>X</b>
<b>Unrestricted - Public</b>	

<b>Information Category</b>	Liaison statement
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**Document History**

Revision	Date	Brief Description

**Summary**

This document presents a Liaison statement from SERG to TSG-SA on SIM security.

### **Liaison statement**

To: 3GPP TSG-SA  
From: SERG  
Subject: Use of SIMs in 3G mobiles  
Date: 15<sup>th</sup> June 1999  
C.C. SCAG, GSM-NA, BARG

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At the its last meeting, SERG discussed the issue of compromised security when a 2G SIM was allowed to be used in a 3G network.

SERG agrees with the compromise put forward in the Yokohama 3GPP TSG-SA #3 meeting (TSG-SA Tdoc 208/99 see attached where relevant).

SERG is of the opinion that roaming is a commercial issue between the operators (or carriers) involved and that technical requirements should not preclude the possibility of using a SIM in a 3G network.

Roaming agreements should reflect any necessary changes.

**Source:** Leadership TSG SA  
**Title:** SIM/USIM Compromise  
**Document for:** Approval  
**Agenda Item:** 5.3

A compromise solution proposes to:

- 1) support access to UMTS access networks while using cards equipped with either the GSM SIM, the UMTS SIM functionality or both as shown in the diagram in SP-99143 (all four blocks in the diagram shown below) and
- 2) allow a serving UMTS operator the option to block access to the UMTS access network when a card equipped only with a GSM SIM is used.

In order to ensure functionality of the above compromise it is recognized that at least the following functionality will be required

- possibility for the network to detect the type of SIM used
- possibility for the network to restrict the access of GSM-only SIM user to the GSM access portion of a PLMN

It was the assumption of the meeting that the companies (operators and their vendors) who require this capability should do the work on the signaling and mechanisms necessary to assure GSM functionality (security, authentication mechanism, services, etc.) are present in the UMTS specifications.

		Mobile type	
		GSM	UMTS
Card type	SIM	OK	GSM level of service, and GSM level of security
	USIM with a SIM installed	If a GSM application is available and "visible", GSM service will be offered, at GSM level of security	OK, enhanced UMTS security

Technical Specification Group Services and System Aspects **TSGS#4(99)240**

Meeting #4, Miami, USA, 21-23 June 1999

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