

9 - 12 July 2002

Helsinki, Finland

3GPP T3 (USIM) Meeting #23
Espoo, Finland, 22 - 24 May 2002

Tdoc T3-020406

Title: Response to "Liaison Statement on Access to IMS Services using 3GPP release 99 and release 4 UICCs" (S1-020577)
Source: T3
To: SA1, SA2
Cc: SA5, SA3, CN1

Contact Person:

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Reference: S1-020577 [Liaison Statement on Access to IMS Services using 3GPP release 99 and release 4 UICCs]

1. Overall Description:

T3 would like to thank SA1 for their liaison statement (T3-020206, S1-020557) describing the requirement for Release 99 and Release 4 UICCs to support access to IMS services. From the UICC perspective, T3 can see no significant technical limitations to imposing such a requirement.

On a different subject, that of Access Independence, T3 note that there is some debate within the SA community regarding the proper interpretation of this requirement. In TS 22.101, paragraph 13.1.2 the following is stated: "In Rel5 the ISIM application shall require the presence of a USIM application on the same UICC." (as per document S1-020658). This would imply some dependency between the USIM and ISIM applications, but this dependency has not been defined. T3 have interpreted the quoted requirement to mean that a USIM application must be present on the UICC if an ISIM application is present, which imposes a requirement on the terminal and not on the UICC. T3 have defined the ISIM specification (TS 31.103) such that access to IMS services can be achieved regardless of the state of the 3G radio access technology.

2. Actions:

S1 are asked to review the above assumption on access independence, and confirm T3's assumption.

3. Date of Next T3 Meeting:

19-23 August 2002, Seattle, USA

Title: Liaison Statement on Access to IMS Services using 3GPP release 99 and release 4 UICCs
Source: SA1
To: SA3, T3, CN1
Cc: SA2, SA5

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Attachments: S1-020510 [CR to TS 22.101]

1. Overall Description:

SA1 would like to inform SA3, T3 and CN1 of a requirement to allow access to IMS services using 3GPP release 99 and release 4 UICCs.

SA1 believe that the principle of backward compatibility of SIMs is well established, as in the cases of GSM phase 1 to phase 2, GSM to GPRS and GSM/GPRS to 3GPP release 99. SA1 require that the principle of backward compatibility should similarly be established for 3GPP release 99/release 4 to IMS.

SA1 understands that the public and private identities generated from USIM parameters may be sub-optimal i.e. not so readable as jim.brown@operator.net or that it may not be possible to have several public identities per subscription. However, it is understood that this limitation can be overcome by various means e.g. OTA provisioning.

SA1 also acknowledges that for Release 5 and later the access independence requirement is still valid so that public and private identities shall be generated optimally.

2. Actions:

To SA3 group.

Please confirm that this requirement can be fulfilled without degrading the security of the 3GPP system.

To T3, CN1 group.

Does this requirement have any other technical limitations?

3. Date of Next SA1 Meetings:

Title	Date	Location	Country
SA1 Adhocs	8 – 12 Apr 02	Sophia Antipolis	France
SA1#16	13 – 17 May 02	Victoria	Canada
SA1 Adhocs	8 – 12 Jul 02		Italy
SA1#17	12 – 16 Aug 02	Durango, Colorado	North America
SA1 Adhocs	14 - 18 Oct 02		
SA1#18	11-15 Nov 02		

This clause defines the functional characteristics and requirements of the User Service Identity Module (USIM). The USIM is an application residing on a UICC.

13.1 The USIM and User Profiles

13.1.1 The SIM/USIM

Every SIM/USIM shall have a unique identity and shall be associated with one and only one home environment.

It shall be possible for a home environment to uniquely identify a user by the SIM/USIM.

The SIM/USIM shall be used to provide security features.

For access to services, provided by PS or CS CN domains, a valid SIM/USIM shall be required.

The SIM/USIM shall be able to support SIM Application Toolkit as specified in 3GPP TS 22.038 [3].

The SIM/USIM shall reside on a UICC, 3GPP specifications shall adopt both of the GSM SIM card physical formats.

Other formats may also be supported. SIM/USIM specific information shall be protected against unauthorised access or alteration.

It shall be possible to update SIM/USIM specific information via the air interface, in a secure manner.

[Access to the IMS services shall be possible using 3GPP release 99 and release 4 UICCs.](#)