
Source: SA1
Title: CR to 22.101 Service principles Rel-5 on Access to IMS services using ISIM
Document for: Approval
Agenda Item: 7.1.3

SA Doc	Spec	CR	Rev	Phase	Cat	Subject	Old Vers	New Vers	SA1 Doc
SP-020050	22.101	090		Rel-5	C	CR to 22.101 on Access to IMS services using ISIM	5.4.0	5.5.0	S1-020658

CR-Form-v4

CHANGE REQUEST

⌘ **22.101 CR 090** ⌘ ev - ⌘ Current version: **5.4.0** ⌘
Spec Title: Service Principles ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Access to IMS services using ISIM
Source:	⌘ SA1
Work item code:	⌘ ISIM on a UICC for IP Based Multi-Media Subsystem (IMS) Date: ⌘ 15/02/02
Category:	⌘ C Use <u>one</u> of the following categories: F (correction) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900 . Release: ⌘ Release 5 Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)

Reason for change:	⌘ To ensure consistency between TS 22.101 and TS 22.228.
Summary of change:	⌘ Addition of new section describing service requirements for ISIM. Modification to section 13.
Consequences if not approved:	⌘ The TS 22.101 will not be in alignment with the highlevel service requirement "access independence" of TS 22.228 section 5.

Clauses affected:	⌘ 13
Other specs affected:	⌘ <input type="checkbox"/> Other core specifications ⌘ <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications
Other comments:	⌘

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at: http://www.3gpp.org/3G_Specs/CRs.htm. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under <ftp://ftp.3gpp.org/specs/> For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.

- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

*** First modified section ***

13 UICC, USIM, ISIM and Terminal

This clause defines the functional characteristics and requirements of the User Service Identity Module (USIM) and ISIM (IM Services Identity Module). The USIM/ISIM ~~is~~ ~~are~~ ~~an~~ ~~applications~~ residing on a UICC.

13.1 The USIM/ISIM 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.

13.1.2 The ISIM

Access to the IMS services shall be possible using an ISIM application.

The ISIM shall be sufficient for providing the necessary security features for the IMS and IMS only.

The ISIM shall reside on a UICC. ISIM specific information shall be protected against unauthorised access or alteration.

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

In Rel5 the ISIM application shall require the presence of a USIM application on the same UICC.

*** Following Section numbers updated accordingly. Otherwise no changes***

13.1.23 User Profiles

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13.1.34 UICC usage in 2G Terminals

...

13.1.4-5 Multiple USIMs per UICC

...

*** Next Modified Section ***

13.3 Terminals and Multiple UICCs

A single terminal may support the use of multiple UICC (e.g with applications like USIM, SIM and/or banking, credit card,...). Only one UICC shall be active at a time to access a PLMN. In case the active UICC contains more than one USIM or SIM, the requirements of 11.1.4 shall apply.

If the UICC with the active USIM, or SIM is removed from the mobile terminal during a call (except for emergency calls), the call shall be terminated immediately. If the UICC with an active ISIM is removed during an IMS session the IMS session shall be terminated.

*** End Modified Sections ***