

**Universal Mobile Telecommunications System (UMTS);
SIM/USIM internal and external interworking aspects
(3GPP TR 31.900 version 6.2.0 Release 6)**



Reference

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Keywords

UMTS**ETSI**

650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

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Foreword

This Technical Report has been produced by the 3rd Generation Partnership Project (3GPP).

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- x the first digit:
 - 1: presented to TSG for information;
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- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

Introduction

This document describes the different cases of interaction between an Identity Module (GSM-SIM or a 3G-UICC) and a GSM or 3G mobile equipment with a special focus on the diverse situations that can apply in a mixed 2G/3G network environment.

The related information is provided in the Rel-7 version of 3GPP TR 31.900 [9].

1 Scope

The present document describes

- the different cases of interworking between a 2G or 3G ICC and a 2G or 3G ME.
- the different cases of interworking between any given ME/ICC combination and the rest of the network
- the possibilities of interworking between a SIM and a USIM together on a single UICC
- the possibilities of interworking between several USIMs on a single UICC

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.

[1]-[8] Void.

[9] 3GPP TR 31.900, Rel-7: "SIM/USIM internal and external interworking aspects"

Annex A:

Change history

TSG # / Date	TSG Doc.	Doc 2 nd level	CR	Rev	Subject/Comment	New
TP-11	TP-010045		-	-	Presented for information to TSG-T #11	1.0.0
-	-		-	-	Version after T3 AdHoc #37 (Joint with SA3), new section 4.4 inserted, section 6.1, case 5 modified	1.1.0
-	-		-	-	Version during T3#19. Minor modifications.	1.1.1
-	-		-	-	Version after T3#19 plenary presentation. Editorial modifications.	1.1.2
TP-12	TP-010113				Presented to TSG-T #12 for approval	2.0.0
TP-12	-				Approved version (includes editorial changes compared to 2.0.0)	3.0.0
TP-13	TP-010205		001	-	Sharing of enabling/disabling procedure between SIM and USIM	3.1.0
TP-15	TP-020068		002	-	Correction to SIM/USIM file mapping table	5.0.0
			004		CHV mapping, Annex D	
TP-16	TP-020119		006		Extension of Annex C - SIM/USIM file mapping table	5.1.0
			007		FDN and BDN interworking mechanism between GSM and 3G	
			008		Health warning concerning possibly different file IDs in SIM and USIM	
TP-19	TP-030030		009		Clarifying notes to SIM/USIM File Mapping Table	5.2.0
TP-21	TP-030182		010		Clarification of SIM/USIM file mapping table	5.3.0
			011		Consequences if USIM services n° 27 and n° 38 are not available.	
			012		Clarification on the interface protocol when SIM and USIM cohabit on a UICC	
TP-22	TP-030254		013		Inclusion of Rel-5 ME requirements for SIM / USIM support	5.4.0
TP-25	TP-040188		014		Correction of card operation modes	5.5.0
TP-26	TP-040266		015		Inclusion of additional USIM support for 2G terminals of R99 and Rel-4	6.0.0
					TSG-T decided to upgrade this spec to Rel-6 and withdraw Rel-5	
TP-27	TP-050024	T3-050168	016	F	Additional USIM Support for 2G Terminals of R99 and Rel-4	6.1.0
CT-31	CP-060150	C6-060167	021	A	Reactivation of TR 31.900 with content replaced by reference to Rel-7	6.2.0

History

Document history		
V6.0.0	December 2004	Publication
V6.1.0	March 2005	Publication
V6.2.0	March 2006	Publication