

**Universal Mobile Telecommunications System (UMTS);
SIM/USIM internal and external interworking aspects
(3GPP TR 31.900 version 5.6.0 Release 5)**



Reference

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Keywords

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Foreword

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

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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-6 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-6: "SIM/USIM internal and external interworking aspects".

Annex A:

Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
2001-03	TP-11	TP-010045	-	-	Presented for information to TSG-T #11	0.4.1	1.0.0
2001-05	-	-	-	-	Version after T3 AdHoc #37 (Joint with SA3), new section 4.4 inserted, section 6.1, case 5 modified	1.0.0	1.1.0
2001-05	-	-	-	-	Version during T3#19. Minor modifications.	1.1.0	1.1.1
2001-05	-	-	-	-	Version after T3#19 plenary presentation. Editorial modifications.	1.1.1	1.1.2
2001-06	TP-12	TP-010113			Presented to TSG-T #12 for approval	1.1.2	2.0.0
2001-06	TP-12	-			Approved version (includes editorial changes compared to 2.0.0)	2.0.0	3.0.0
2001-09	TP-13	TP-010205	001	-	Sharing of enabling/disabling procedure between SIM and USIM	3.0.0	3.1.0
2002-03	TP-15	TP-020068	002	-	Correction to SIM/USIM file mapping table	3.1.0	5.0.0
			004		CHV mapping, Annex D		
2002-06	TP-16	TP-020119	006		Extension of Annex C - SIM/USIM file mapping table	5.0.0	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		
2003-03	TP-19	TP-030030	009		Clarifying notes to SIM/USIM File Mapping Table	5.1.0	5.2.0
2003-09	TP-21	TP-030182	010		Clarification of SIM/USIM file mapping table	5.2.0	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		
2003-12	TP-22	TP-030254	013		Inclusion of Rel-5 ME requirements for SIM / USIM support	5.3.0	5.4.0
2004-09	TP-25	TP-040188	014		Correction of card operation modes	5.4.0	5.5.0
2006-03	CT-31	CP-060166	020		Reactivation of TR 31.900 with content replaced by reference to Rel-6	5.5.0	5.6.0

History

Document history		
V5.0.0	March 2002	Publication
V5.1.0	June 2002	Publication
V5.2.0	March 2003	Publication
V5.3.0	September 2003	Publication
V5.4.0	December 2003	Publication
V5.5.0	September 2004	Publication
V5.6.0	March 2006	Publication