

ETSI TR 129 998-5-4 V9.0.0 (2010-01)

Technical Report

Digital cellular telecommunications system (Phase 2+);
Universal Mobile Telecommunications System (UMTS);
LTE;
Open Service Access (OSA);
Application Programming Interface (API)
Mapping for Open Service Access;
Part 5: User Interaction Service Mapping;
Subpart 4: API to SMS Mapping
(3GPP TR 29.998-05-4 version 9.0.0 Release 9)



Reference

RTR/TSGC-0029998-05-4v900

Keywords

GSM, LTE, 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

Important notice

Individual copies of the present document can be downloaded from:
<http://www.etsi.org>

The present document may be made available in more than one electronic version or in print. In any case of existing or perceived difference in contents between such versions, the reference version is the Portable Document Format (PDF). In case of dispute, the reference shall be the printing on ETSI printers of the PDF version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status.
Information on the current status of this and other ETSI documents is available at
<http://portal.etsi.org/tb/status/status.asp>

If you find errors in the present document, please send your comment to one of the following services:
http://portal.etsi.org/chaircor/ETSI_support.asp

Copyright Notification

No part may be reproduced except as authorized by written permission.
The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 2010.
All rights reserved.

DECT™, PLUGTESTS™, UMTS™, TIPHON™, the TIPHON logo and the ETSI logo are Trade Marks of ETSI registered for the benefit of its Members.

3GPP™ is a Trade Mark of ETSI registered for the benefit of its Members and of the 3GPP Organizational Partners.

LTE™ is a Trade Mark of ETSI currently being registered
for the benefit of its Members and of the 3GPP Organizational Partners.

GSM® and the GSM logo are Trade Marks registered and owned by the GSM Association.

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: *"Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards"*, which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (<http://webapp.etsi.org/IPR/home.asp>).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Foreword

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

The present document may refer to technical specifications or reports using their 3GPP identities, UMTS identities or GSM identities. These should be interpreted as being references to the corresponding ETSI deliverables.

The cross reference between GSM, UMTS, 3GPP and ETSI identities can be found under
<http://webapp.etsi.org/key/queryform.asp>.

Contents

Intellectual Property Rights	2
Foreword.....	2
Foreword.....	4
Introduction	4
1 Scope	5
2 References	5
3 Definitions and abbreviations.....	5
3.1 Definitions.....	5
3.2 Abbreviations	6
4 Generic Message Transfer Service SMS Call Flows	6
4.1 User Interaction	6
4.1.1 createUI	6
4.1.2 createUICall	6
4.1.3 enableUINotification	6
4.1.4 disableUINotification.....	7
4.1.5 userInteractionEventNotify.....	8
4.1.6 userInteractionAborted	9
4.1.7 userInteractionNotificationInterrupted.....	9
4.1.8 userInteractionNotificationContinued.....	10
4.1.9 userInteractionFaultDetected	11
4.1.10 sendInfoReq.....	11
4.1.11 sendInfoRes	15
4.1.12 sendInfoErr	16
4.1.13 sendInfoAndCollectReq.....	19
4.1.14 sendInfoAndCollectRes	22
4.1.15 sendInfoAndCollectErr	24
4.1.16 release	26
4.1.17 abortActionReq.....	27
4.1.18 abortActionRes	27
4.1.19 abortActionErr	27
Annex A: Change history	28
History	29

Foreword

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

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

Version x.y.z

where:

- x the first digit:
 - 1 presented to TSG for information;
 - 2 presented to TSG for approval;
 - 3 or greater indicates TSG approved document under change control.
- 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

Structure of the OSA API Mapping (3GPP TR 29.998)

The present document is part 5 subpart 4 of a multi-part deliverable covering the Open Service Access (OSA); Application Programming Interface (API) Mapping for OSA.

Table: Overview of the OSA APIs & Protocol Mappings 29.198 & 29.998-family

OSA API specifications 29.198-family						OSA API Mapping - 29.998-family	
29.198-01	Overview					29.998-01	Overview
29.198-02	Common Data Definitions					29.998-02	<i>Not Applicable</i>
29.198-03	Framework					29.998-03	<i>Not Applicable</i>
Call Control (CC) SCF	29.198-04-1 Common CC data definitions	29.198-04-2 Generic CC SCF	29.198-04-3 Multi-Party CC SCF	29.198-04-4 Multi-media CC SCF	29.198-04-5 Conf. CC SCF	29.998-04-1	Generic Call Control – CAP mapping
						29.998-04-2	<i>Generic Call Control – INAP mapping</i>
						29.998-04-3	<i>Generic Call Control – Megaco mapping</i>
						29.998-04-4	Multiparty Call Control – ISC mapping
29.198-05	User Interaction SCF					29.998-05-1	User Interaction – CAP mapping
						29.998-05-2	<i>User Interaction – INAP mapping</i>
						29.998-05-3	<i>User Interaction – Megaco mapping</i>
						29.998-05-4	User Interaction – SMS mapping
29.198-06	Mobility SCF					29.998-06-1	User Status and User Location – MAP mapping
						29.998-06-2	User Status and User Location – SIP mapping
29.198-07	Terminal Capabilities SCF					29.998-07	<i>Not Applicable</i>
29.198-08	Data Session Control SCF					29.998-08	Data Session Control – CAP mapping
29.198-09	<i>Generic Messaging SCF</i>					29.998-09	<i>Not Applicable</i>
29.198-10	Connectivity Manager SCF					29.998-10	<i>Not Applicable</i>
29.198-11	Account Management SCF					29.998-11	<i>Not Applicable</i>
29.198-12	Charging SCF					29.998-12	<i>Not Applicable</i>
29.198-13	Policy Management SCF					29.998-13	<i>Not Applicable</i>
29.198-14	Presence & Availability Management SCF					29.998-14	<i>Not Applicable</i>
29.198-15	Multi Media Messaging SCF					29.998-15	<i>Not Applicable</i>
29.198-16	Service Broker SCF					29.998-16	<i>Not Applicable</i>