

ETSI TS 124 384 V13.3.0 (2017-01)



**LTE;
Mission Critical Push To Talk (MCPTT)
configuration management;
Protocol specification
(3GPP TS 24.384 version 13.3.0 Release 13)**



Reference

RTS/TSGC-0124384vd30

Keywords

LTE

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

The present document can be downloaded from:

<http://www.etsi.org/standards-search>

The present document may be made available in electronic versions and/or in print. The content of any electronic and/or print versions of the present document shall not be modified without the prior written authorization of ETSI. In case of any existing or perceived difference in contents between such versions and/or in print, the only prevailing document is the print of the Portable Document Format (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

<https://portal.etsi.org/TB/ETSIDeliverableStatus.aspx>

If you find errors in the present document, please send your comment to one of the following services:

<https://portal.etsi.org/People/CommitteeSupportStaff.aspx>

Copyright Notification

No part may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm except as authorized by written permission of ETSI.

The content of the PDF version shall not be modified without the written authorization of ETSI.

The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 2017.

All rights reserved.

DECT™, **PLUGTESTS™**, **UMTS™** and the ETSI logo are Trade Marks of ETSI registered for the benefit of its Members.
3GPP™ and **LTE™** are Trade Marks of ETSI 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 (<https://ipr.etsi.org/>).

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 Specification (TS) 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>.

Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the [ETSI Drafting Rules](#) (Verbal forms for the expression of provisions).

"**must**" and "**must not**" are **NOT** allowed in ETSI deliverables except when used in direct citation.

Contents

Intellectual Property Rights	2
Foreword.....	2
Modal verbs terminology.....	2
Foreword.....	4
1 Scope	5
2 References	5
3 Definitions and abbreviations.....	5
4 to 7.....	5
8 Technical content	5
Annex A (informative): (void)	6
Annex B (informative): Change history	7
History	9

Foreword

This Technical Specification 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.

1 Scope

The present document specifies the configuration management documents and protocols needed to support Mission Critical Push To Talk (MCPTT) online configuration over the CSC-4 and CSC-5 reference points and the procedures to support Mission Critical Push To Talk (MCPTT) offline configuration over the CSC-11 and CSC-12 reference points. Configuration management documents defined in the present document includes:

- MCPTT UE initial configuration document;
- MCPTT UE configuration document;
- MCPTT user profile configuration document; and
- MCPTT service configuration document.

Mission critical communication services are services that require preferential handling compared to normal telecommunication services, e.g. in support of police or fire brigade.

The MCPTT service can be used for public safety applications and also for general commercial applications (e.g., utility companies and railways).

The present document is applicable to an MCPTT UE supporting the configuration management client functionality, to application server supporting the configuration management server functionality, and to application server supporting the MCPTT server functionality.

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. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] to [21] (void)

[22] 3GPP TS 24.484: "Mission Critical Services (MCS) configuration management; Protocol specification".

3 Definitions and abbreviations

(void)

4 to 7

(void)

8 Technical content

The technical content of the present TS now appears in TS 24.484 [22].

Annex A (informative): (void)

Annex B (informative): Change history

Change history							
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	Old	New
2015-12					Initial proposal to CT1	-	0.0.0
2016-01					Agreed contributions C1-160308, C1-160309, C1-160311 from CT1#95-bis.	0.0.0	0.1.0
2016-02					Agreed contributions C1ah-160054, C1ah-160060, C1ah-160089, C1ah-160090, C1ah-160091, C1ah-160092, C1ah-160106 from CT1 Ad-Hoc on MCPTT.	0.1.0	0.2.0
2016-02					Agreed contributions C1-161130, C1-161225, C1-161226, C1-161227, C1-161355, C1-161500, C1-161511, C1-161513, C1-161531 from CT1#96.	0.2.0	0.3.0
2016-03	CT-71	CP-160057			Version 1.0.0 created for presentation for information and approval	0.3.0	1.0.0
2016-03	CT-71				Version 13.0.0 created after approval	1.0.0	13.0.0
2016-03	CT-71				Rapporteur post CT clean up	13.0.0	13.0.1
2016-06	CT-72	CP-160322	0001	3	Adding floor control configuration to the Service Configuration document.	13.0.1	13.1.0
2016-06	CT-72	CP-160322	0003	4	Service Configuration XML schema update	13.0.1	13.1.0
2016-06	CT-72	CP-160322	0004	1	Align terminology with drafting rules	13.0.1	13.1.0
2016-06	CT-72	CP-160322	0005	5	UE Initial Configuration document definition	13.0.1	13.1.0
2016-06	CT-72	CP-160322	0006	3	UE Configuration document definition	13.0.1	13.1.0
2016-06	CT-72	CP-160322	0007		Clean up reference to OMA document in 6.3.1.2	13.0.1	13.1.0
2016-06	CT-72	CP-160322	0011	1	Update user configuration document with private call security authorisation	13.0.1	13.1.0
2016-06	CT-72	CP-160322	0012	1	Adding security parameters to the Service Configuration document.	13.0.1	13.1.0
2016-06	CT-72	CP-160322	0014		Modify validation rules for service configuration document	13.0.1	13.1.0
2016-06	CT-72	CP-160322	0018		Using the AUID and default namespace	13.0.1	13.1.0
2016-06	CT-72	CP-160322	0019	1	Removal of <Resource-Priority> Element from MCPTT UE initial configuration document	13.0.1	13.1.0
2016-06	CT-72	CP-160322	0021	2	Configuration management using OMA DM	13.0.1	13.1.0
2016-06	CT-72	CP-160322	0022	2	Aligning User Profile terminology with TS 23.179	13.0.1	13.1.0
2016-06	CT-72	CP-160322	0024	1	Semantics for <Resource-Priority > Element	13.0.1	13.1.0

Change history							
Date	Meeting	TDoc	CR	Rev	Cat	Subject/Comment	New version
2016-09	CT#73	CP-160564	0015	6	F	User Profile schema definition	13.2.0
2016-09	CT#73	CP-160566	0020	8	F	MCPTT UE ID in UE Initial Configuration and UE configuration documents	13.2.0
2016-09	CT#73	CP-160472	0025	3	F	Resource-Priority header field configuration for MCPTT	13.2.0
2016-09	CT#73	CP-160504	0026		F	Configuring the default user profile	13.2.0
2016-09	CT#73	CP-160504	0027		F	Service configuration document missing corresponding pointers to service configuration MO in TS 24.383	13.2.0
2016-09	CT#73	CP-160504	0028	1	F	Service Config has incorrect specification of "alias" parameter	13.2.0
2016-09	CT#73	CP-160504	0029		F	Service Config missing signalling and floor-control protection configuration between MCPTT servers	13.2.0
2016-09	CT#73	CP-160567	0030	4	F	Additional MCPTT UE initial configuration document elements	13.2.0
2016-09	CT#73	CP-160568	0031	4	F	Alignment of MCPTT UE configuration document with TS 23.179 and TS 24.383	13.2.0
2016-09	CT#73	CP-160504	0032	1	F	Default document namespace correction	13.2.0
2016-09	CT#73	CP-160504	0033	1	F	Completion of CMC, CMS and MCPTT server procedures	13.2.0
2016-09	CT#73	CP-160504	0034	2	F	Correction for the corresponding pointers to MCPTT management objects (MOs) in TS 24.383	13.2.0
2016-09	CT#73	CP-160499	0035	1	F	Addition of Mission Critical Organization to the user profile	13.2.0
2016-10	CT#73					Correct misimplementation of CR0030	13.2.1
2013-12	CT#74	CP-160834	0051		F	Remove contents, insert pointer to generic spec 24.484	13.3.0

History

Document history		
V13.0.1	May 2016	Publication
V13.1.0	July 2016	Publication
V13.2.1	November 2016	Publication
V13.3.0	January 2017	Publication