

# ETSI TS 124 384 V13.4.0 (2017-04)



**LTE;  
Mission Critical Push To Talk (MCPTT)  
configuration management;  
Protocol specification  
(3GPP TS 24.384 version 13.4.0 Release 13)**



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**Reference**

RTS/TSGC-0124384vd40

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**Keywords**

LTE

**ETSI**

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# Foreword

This Technical Specification has been produced by the 3<sup>rd</sup> 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.

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# 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.

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# 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".

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# 3 Definitions and abbreviations

(void)

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# 4 to 7

(void)

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## 8 Technical content

The technical content of the present TS now appears in 3GPP TS 24.484 [22]. Any references to the technical content of clauses 3 through 7, annex A or their subclauses in the present TS correspond to the technical content of the same clause or subclause in 3GPP 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      |
| 2016-12        | CT#74   | CP-160834 | 0051 |     | F   | Remove contents, insert pointer to generic spec 24.484   | 13.3.0      |
| 2017-03        | CT#75   | CP-170116 | 0052 | 1   | F   | Subclause references to TS 24.384  | 13.4.0      |

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## History

| <b>Document history</b> |               |             |
|-------------------------|---------------|-------------|
| V13.0.1                 | May 2016      | Publication |
| V13.1.0                 | July 2016     | Publication |
| V13.2.1                 | November 2016 | Publication |
| V13.3.0                 | January 2017  | Publication |
| V13.4.0                 | April 2017    | Publication |