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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 defines a number of Mission Critical Services (MCSs) Management Objects (MO) that are configured for the UE for the operation of MCSs. The management objects are compatible with OMA Device Management protocol specifications, version 1.2 and upwards, and is defined using the OMA DM Device Description Framework as described in the Enabler Release Definition OMA OMA-ERELD_DM-V1_2 [2].

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

MCSs 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 UE supporting on-line, off-line or both on-line and off-line configuration of the configuration management client.

The present document is applicable to an UE supporting off-line configuration of the group management client.

The parameters defined by the management objects in the present document are configured in the UE using on-line configuration over the CSC-4 reference point and using off-line configuration over the CSC-11 and CSC-12 reference points. Other specifications define how these parameters are used in the operation of MCSs, and whether they are applicable to on-network operation or off-network operation, or both:

- 3GPP TS 24.379 [7];
- 3GPP TS 24.380 [8];
- 3GPP TS 24.481 [9];
- 3GPP TS 24.482 [11];
- 3GPP TS 24.484 [12];
- 3GPP TS 24.282 [16];
- 3GPP TS 24.582 [17];
- 3GPP TS 24.281 [18]; and
- 3GPP TS 24.581 [19].

The common network operation means both on-network operation and off-network operation in the present document.

The following management objects are defined in the present document:

- MCPTT UE configuration MO;
- MCPTT user profile MO;
- MCS group configuration MO;
- MCPTT service configuration MO;
- MCS UE initial configuration MO;
- MCData UE configuration MO;
- MCData user profile MO;
- MCData service configuration MO;
- MCVideo UE configuration MO;
- MCVideo user profile MO; and
- MCVideo service configuration MO.