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**LTE;  
Mission Critical Data over LTE  
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# Foreword

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# 1 Scope

The present document provides the service requirements for operation of the MCDATA service. MCDATA makes use of capabilities included in Group Communication System Enablers for LTE (GCSE\_LTE), Proximity Services (ProSe), Isolated E-UTRAN operation for Public Safety (IOPS) and Mission Critical Services Common Requirements (MCCoRe) with additional requirements specific to the MCDATA Service. The MCDATA Service can be used for public safety applications and also for general commercial applications (e.g., utility companies and railways).

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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] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
  - [2] 3GPP TR 41.001: "GSM Specification set".
  - [3] 3GPP TS 22.280: "Mission Critical Services Common Requirements".
  - [4] 3GPP TS 22.179: "Mission Critical Push to Talk (MCPTT) over LTE; Stage 1".
  - [5] ETSI TS 100 392-2 v.3.7.1: "Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 2: Air Interface (AI)".
  - [6] 3GPP TS 22.281: "Mission Critical Video services over LTE".
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## 3 Definitions, symbols and abbreviations

### 3.1 Definitions

For the purposes of the present document, the terms and definitions given in 3GPP TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in 3GPP TR 21.905 [1].

**Conversation:** A series of messages that are linked to the same topic within a group or one-to-one data communication.

**Conversation ID:** An identifier that uniquely identifies a conversation within a group or one-to-one data communication.

**MCDATA Conversation Hang Time:** The time from the transmission of an MCDATA message after which a subsequent MCDATA message is no longer considered to be linked to the previous one.

**MCDATA System:** The collection of applications, services, and enabling capabilities required to provide Mission Critical Data for a Mission Critical Organization.