ETSI TS 122 226 V14.0.0 (2017-03)

TECHNICAL SPECIFICATION

Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Global Text Telephony (GTT); Stage 1 (3GPP TS 22.226 version 14.0.0 Release 14)

Reference
RTS/TSGS-0122226ve00

Keywords
GSM,LTE,UMTS

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Contents

Foreword

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Introduction

Real time, character by character text conversation is a component that increases usability in a conversational session.

Global Text Telephony is a feature that adds the capability to use a text conversation component in a session. It is called Global Text or GTT here.

Interworking with corresponding features in other networks is an important part of Global Text. Specifically, the different kinds of PSTN text telephone systems supported by the international text telephone modem standard ITU-T V.18 are included in the modes for interworking.

One important reason to offer the Global Text feature is to enable emergency service access to people who are depending on a written dialogue.

A more elaborated background is found in Annex A, and requirements in Annex B.

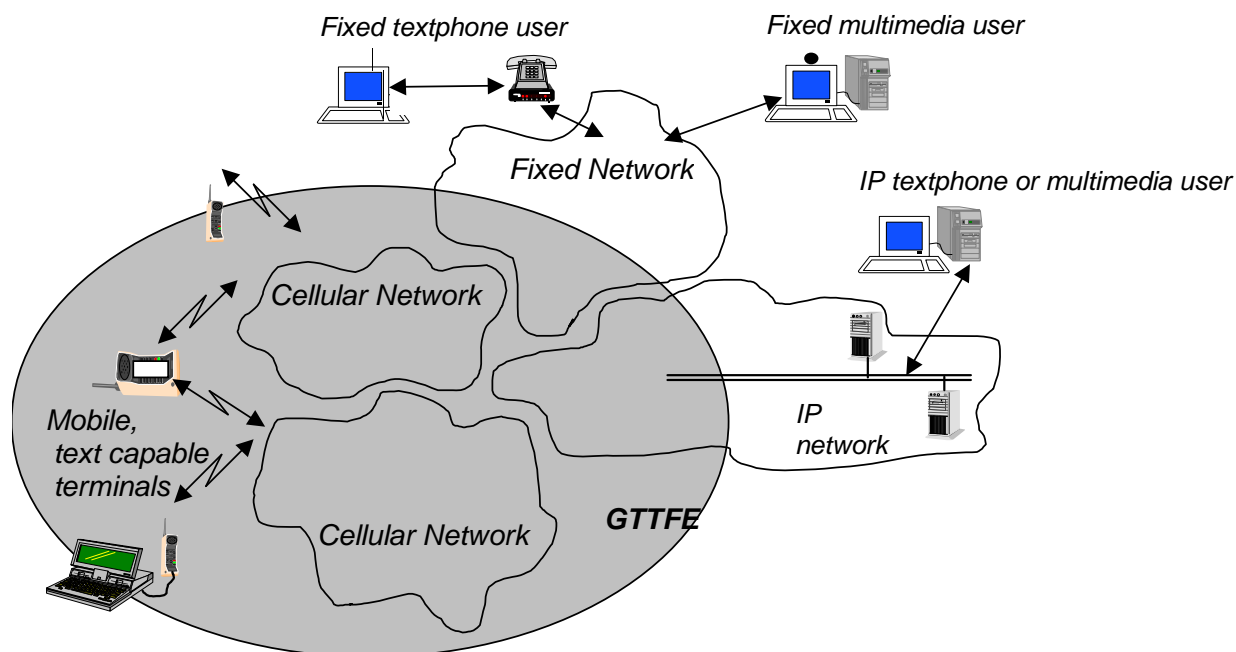Figure 1 gives an overview of the user environment for Global Text.

Figure 1. Global Text service environment

1 Scope

This Technical Specification defines the stage one description of the Global Text Telephone Feature, GTT.. Stage one is the set of requirements which shall be supported for the provision of the real-time text conversation feature, seen primarily from the subscriber's and service providers' points of view.

This TS includes information applicable to network operators, service providers, terminal and network manufacturers.

This TS contains the core requirements for the Global Text Telephony feature, which are sufficient to provide a complete feature to incorporate in conversational services.

This TS defines the requirements for GTT to be understood as a framework to enable real-time transmission of text, for the purpose of a text based or text supported conversation between users. Text may be transported alone or in combination with other media in the session, especially video and voice.

Thus the GTT enables text conversation to be included in any mobile conversational service.

Interworking with existing text telephony in PSTN as well as emerging forms of standardised text conversation in all networks is within the scope of this document. Interoperation with Multimedia Messaging Services is also within scope of this feature.

Note: The Global Text Telephony feature may be enhanced due to e.g. operator's or regulator's requirements, however such additional functionality shall not compromise conformance to the core requirements documented in this TS.

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.