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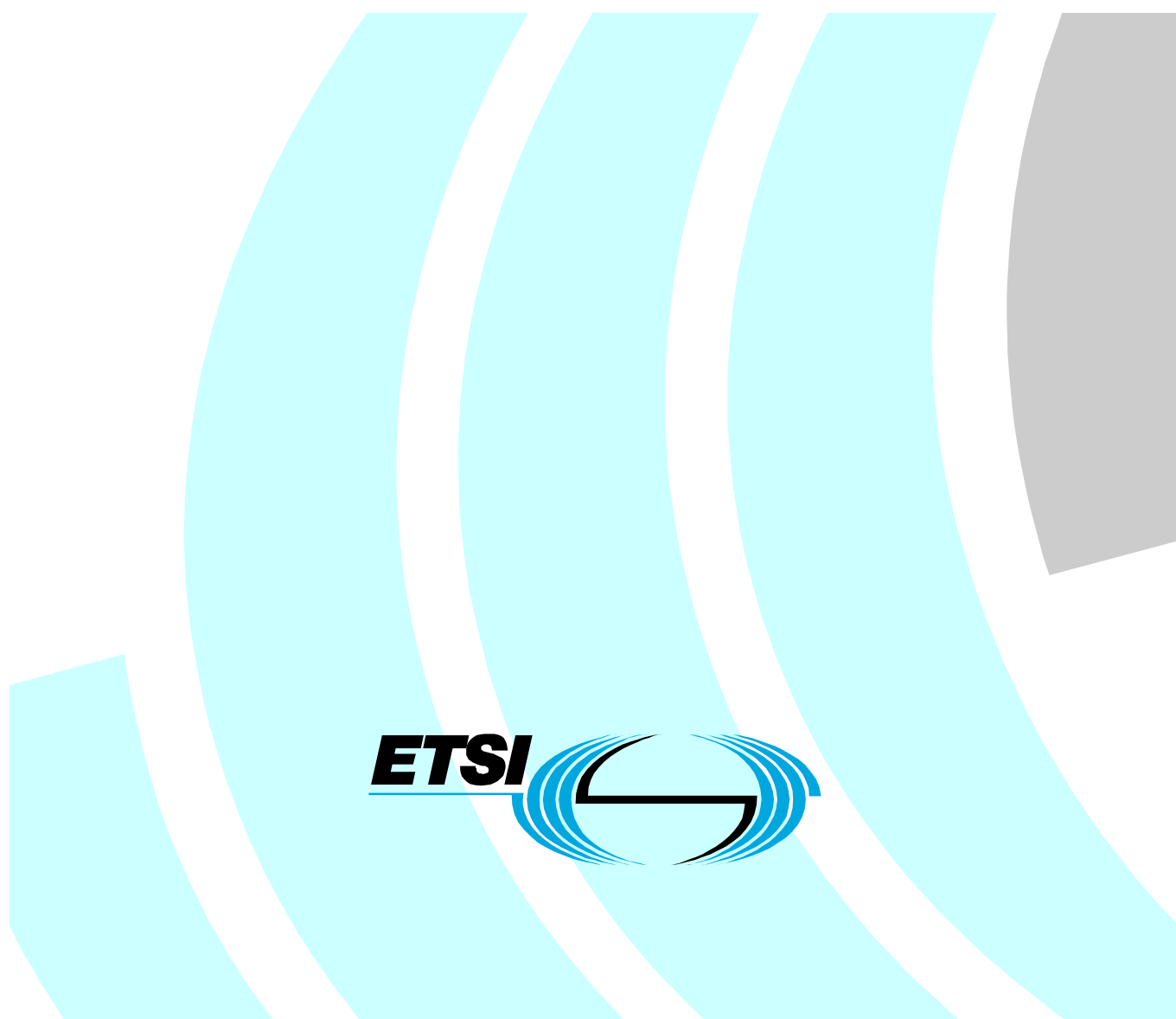
Technical Specification

Fixed network Multimedia Messaging Service (F-MMS);
Part 1: Overview

ETSI

Reference

RTS/AT-030037

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Broadband, ISDN, MMS, PSTN, SMS, xDSL

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Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Access and Terminals (AT).

The present document is part 1 of a multi-part deliverable covering the Fixed network Multimedia Messaging Service (F-MMS), as identified below:

TS 102 314-1: **"Overview";**

ES 202 314-2: "Service description";

EG 202 314-3: "Network architecture and interconnection";

ES 202 314-4: "Multimedia Message communication between a fixed network Multimedia Messaging Terminal Equipment and a Multimedia Messaging Service Centre";

ES 202 314-5: "Digital Subscriber Signalling System No. one (DSS1) protocol, Signalling System No.7 (SS7) - ISDN User Part (ISUP), and Interworking between DSS1 and ISUP";

TR 102 314-6: "Control strings (service codes) for MMS functions and MMS supplementary services";

TS 102 314-7: "Over-the-Line configuration of F-MMS terminal settings";

ES 202 314-8: "Service description";

ES 202 314-9: "Combined PSTN/ISDN and broadband access and broadband access only; Multimedia Message communication between a fixed network Multimedia Messaging Terminal Equipment and a Multimedia Messaging Service Centre".

NOTE: The parts above refer to the active work items and published standards within ETSI. These work items do not include MMS over NGN.

Introduction

The Multimedia Messaging Service (MMS) for the fixed network allows users to send and receive messages exploiting the whole array of media types available today e.g. text, images, audio, video, etc., while also making it possible to support new content types as they become popular.

The MMS is a service that shall make it possible to offer seamless MMS over different networks.

For the MMS there are a number of documents available.

1 Scope

The present document gives an overview of the set of documents being relevant for the support of the Fixed Network Multimedia Messaging Service via PSTN, ISDN and broadband accesses.

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 and/or edition number or version number) or non-specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies.

Referenced documents which are not found to be publicly available in the expected location might be found at http://docbox.etsi.org/Reference.

[1]   ETSI ES 202 314-2: "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Fixed network Multimedia Messaging Service (F-MMS); PSTN/ISDN; Part 2: Service description".

[2]   ETSI ES 202 314-4: "Fixed network Multimedia Messaging Service (F-MMS); Part 4: PSTN/ISDN; Multimedia Message communication between a fixed network Multimedia Messaging Terminal Equipment and a Multimedia Messaging Service Centre".

[3]   ETSI ES 202 314-5: "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Fixed network Multimedia Messaging Service (F-MMS); PSTN/ISDN; Part 5: Digital Subscriber Signalling System No. One (DSS1) protocol, Signalling System No. 7 (SS7) - ISDN User Part (ISUP), and interworking between DSS1 and ISUP".

[4]   ETSI TR 102 314-6: "Fixed network Multimedia Messaging Service (F-MMS); Part 6: Control strings (service codes) for MMS functions and MMS supplementary services".

[5]   ETSI TS 102 314-7: "Fixed Network Multimedia Messaging Service; Part 7: Over-the-Line configuration of F-MMS terminal settings".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the following terms and definitions apply:

broadband access: covers access types like xDSL, Cable, Satellite, etc.

NOTE: The MMS communication is independent of the way how this broadband access is provided.

3.1   Abbreviations

For the purposes of the present document, the following abbreviations apply:

DSS1   Digital Subscriber Signalling No 1
ISDN   Integrated Services Digital Network
ISUP   ISDN User Part
MMS   Multimedia Messaging Service
PSTN   Public Switched Telephone Network
SMS   Short Message Service

4   Structure of the multi-part deliverable

Table 1 gives an overview about the applicability of the different parts of the multipart deliverable for MMS using different networks and network accesses.

In table 1, the following notation is used:

X   means "applicable";

(X)   means "applicable by reference":

A document is marked to be "applicable by reference" if it is referenced by another applicable document.

EXAMPLE: For "PSTN and Broadband", part 8 is marked as "applicable" and refers widely to information contained in part 2 which is therefore marked as "applicable by reference";

-       means "not applicable".

Table 1: Applicability of the different parts of the multipart deliverable

Document	PSTN	ISDN	PSTN and Broadband	ISDN and Broadband	Broadband only
Part 1: Overview	X	X	X	X	X
Part 2: PSTN/ISDN; Service description	X	X	(X)	(X)	(X)
Part 3: Network architecture and interconnection	X	X	X	X	X
Part 4: PSTN/ISDN; Multimedia Message communication between a fixed network Multimedia Messaging Terminal Equipment and a Multimedia Messaging Service Centre	X	X	(X)	(X)	(X)
Part 5: ISDN; Digital Subscriber Signalling System No. one (DSS1) protocol, Signalling System No.7 (SS7) - ISDN User Part (ISUP), and Interworking between DSS1 and ISUP	-	X	-	X	-
Part 6: Control strings (service codes) for MMS functions and MMS supplementary services	X	X	X	X	X
Part 7: Over-The-Line configuration of F-MMS terminal settings	X	X	X	X	X
Part 8: Combined PSTN/ISDN and broadband access and broadband access only; Service description	-	-	X	X	X
Part 9: Combined PSTN/ISDN and broadband access and broadband access only; Multimedia Message communication between a fixed network Multimedia Messaging Terminal Equipment and a Multimedia Messaging Service Centre	-	-	X	X	X

Annex A (informative):
Bibliography

ETSI EG 202 314-3: "Telecommunications and Internet converged Services and Protocols for Advanced Networking (TISPAN); Fixed network Multimedia Message Service (F-MMS); PSTN/ISDN; Part 3: Network architecture and interconnection".

ETSI ES 202 314-8: "Fixed Network Multimedia Messaging Service (F-MMS); Combined PSTN/ISDN and Broadband access only; Part 8: Service description".

ETSI ES 202 314-9: "Fixed Network MultiMedia Messaging Service; Combined PSTN/ISDN & broadband access and broadband access only; Part 9: Multimedia Message communication between a fixed network Multimedia Messaging Terminal Equipment and a Multimedia Messaging Service Centre".

History

Document history		
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