

3GPP2 X.S0016-310-0
Version 2.0
Version Date: June 2004



3RD GENERATION
PARTNERSHIP
PROJECT 2
"3GPP2"

MMS MM1 Stage

3 Using OMA/WAP

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Revision History

Revision		Date
Rev. 0	Initial Publication	April 2003
	First Point Release	June 2004

MMS MM1 Stage 3 Using OMA/WAP

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FOREWORD

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1 **1 Introduction**

2 **1.1 Scope**

3 This is a complete Stage 3 specification for the MM1 reference point, and ad-
4 heres to the 3GPP2 Stage 2 for MM1.

5 This document defines the stage 3 description of the non real time Multimedia
6 Messaging Service, MMS. Stage 3 identifies the protocols and formats needed to
7 support the functional capabilities and information flows described in stage 2.

8 This document includes information applicable to network operators, service
9 providers and server and device manufacturers.

10 The document contains the core protocol and formats for interoperability be-
11 tween a device client and an MMS Relay/Server.

12 **1.2 References**

14 [stage1] 3GPP2 S.R0064-0; "Multimedia Messaging Service; Stage 1" Require-
15 ments, October 2002.

16 [stage2] 3GPP2 X.S0016-200-0 v2.0/TIA-934-200-1; "Multimedia Messaging Ser-
17 vice; Stage 2"

18 **1.3 Terminology**

19 This document uses the following "verbal forms" and "verbal form definitions":

- 20 1. "shall" and "shall not" identify items of interest that are to be strictly followed and
21 from which no deviation is recommended,
- 22 2. "should" and "should not" indicate items of interest that are highly desirable and
23 particularly suitable, without identifying or excluding other items; or (in the nega-
24 tive form) indicate items of interest that are not desirable, are not particularly
25 suitable, or are not recommended but not prohibited, and
- 26 3. "may" and "may not" indicate items of interest that are optional but permissible
27 within the limits of this recommendation.
28

29 **1.4 Definitions**

30 None.

31 **1.5 Abbreviations**

32	MMS	Multimedia Messaging Service
33	OMA	Open Mobile Alliance
34	WAP	Wireless Application Protocol

1 **2 Stage 2 Amendments (Normative)**

2 None.

3 **3 MMS MM1 Stage 3 Using OMA/WAP De-**
4 **scription**

5 **3.1 Introduction (Informative)**

6 This section defines the Stage 3 for interoperability between an MMS Re-
7 lay/Server and a device client.

8 **3.2 Stage 3 Specification (Normative)**

9 The OMA implementation option of the MM1 interface shall support the protocol
10 signaling and procedural definitions contained in the following:

- 11 • Open Mobile Alliance; OMA- MMS-ENC-v1_2; Multimedia Messaging Ser-
12 vice; Encapsulation Protocol. URL: <http://www.openmobilealliance.org>
- 13 • Open Mobile Alliance; OMA- MMS-CTR-v1_2; Multimedia Messaging Ser-
14 vice; Client Transactions. <http://www.openmobilealliance.org>.
- 15 • Open Mobile Alliance; OMA -MMS-ARCH-v1_2; Multimedia Messaging
16 Service; Architecture. Overview. <http://www.openmobilealliance.org>
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