



Reference Release Definition for Mobile Codes

Candidate Version 1.0 – 17 Jun 2008

Open Mobile Alliance
OMA-RRELD-MobileCodes-V1_0-20080617-C

Use of this document is subject to all of the terms and conditions of the Use Agreement located at <http://www.openmobilealliance.org/UseAgreement.html>.

Unless this document is clearly designated as an approved specification, this document is a work in process, is not an approved Open Mobile Alliance™ specification, and is subject to revision or removal without notice.

You may use this document or any part of the document for internal or educational purposes only, provided you do not modify, edit or take out of context the information in this document in any manner. Information contained in this document may be used, at your sole risk, for any purposes. You may not use this document in any other manner without the prior written permission of the Open Mobile Alliance. The Open Mobile Alliance authorizes you to copy this document, provided that you retain all copyright and other proprietary notices contained in the original materials on any copies of the materials and that you comply strictly with these terms. This copyright permission does not constitute an endorsement of the products or services. The Open Mobile Alliance assumes no responsibility for errors or omissions in this document.

Each Open Mobile Alliance member has agreed to use reasonable endeavors to inform the Open Mobile Alliance in a timely manner of Essential IPR as it becomes aware that the Essential IPR is related to the prepared or published specification. However, the members do not have an obligation to conduct IPR searches. The declared Essential IPR is publicly available to members and non-members of the Open Mobile Alliance and may be found on the “OMA IPR Declarations” list at <http://www.openmobilealliance.org/ipr.html>. The Open Mobile Alliance has not conducted an independent IPR review of this document and the information contained herein, and makes no representations or warranties regarding third party IPR, including without limitation patents, copyrights or trade secret rights. This document may contain inventions for which you must obtain licenses from third parties before making, using or selling the inventions. Defined terms above are set forth in the schedule to the Open Mobile Alliance Application Form.

NO REPRESENTATIONS OR WARRANTIES (WHETHER EXPRESS OR IMPLIED) ARE MADE BY THE OPEN MOBILE ALLIANCE OR ANY OPEN MOBILE ALLIANCE MEMBER OR ITS AFFILIATES REGARDING ANY OF THE IPR'S REPRESENTED ON THE “OMA IPR DECLARATIONS” LIST, INCLUDING, BUT NOT LIMITED TO THE ACCURACY, COMPLETENESS, VALIDITY OR RELEVANCE OF THE INFORMATION OR WHETHER OR NOT SUCH RIGHTS ARE ESSENTIAL OR NON-ESSENTIAL.

THE OPEN MOBILE ALLIANCE IS NOT LIABLE FOR AND HEREBY DISCLAIMS ANY DIRECT, INDIRECT, PUNITIVE, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE USE OF DOCUMENTS AND THE INFORMATION CONTAINED IN THE DOCUMENTS.

© 2008 Open Mobile Alliance Ltd. All Rights Reserved.

Used with the permission of the Open Mobile Alliance Ltd. under the terms set forth above.

Contents

- 1. SCOPE4
- 2. REFERENCES5
 - 2.1 NORMATIVE REFERENCES.....5
 - 2.2 INFORMATIVE REFERENCES.....5
- 3. TERMINOLOGY AND CONVENTIONS6
 - 3.1 CONVENTIONS.....6
 - 3.2 DEFINITIONS.....6
 - 3.3 ABBREVIATIONS.....6
- 4. RELEASE VERSION OVERVIEW7
- 5. DOCUMENT LISTING FOR MOBILE CODES.....8
- 6. OMNA CONSIDERATIONS9
- APPENDIX A. CHANGE HISTORY (INFORMATIVE).....10
 - A.1 APPROVED VERSION HISTORY10
 - A.2 DRAFT/CANDIDATE VERSION 1.0 HISTORY10

Tables

- Table 1: Listing of Documents in Mobile Codes Reference Release.....8

1. Scope

The scope of this document is limited to the Reference Release Definition of Mobile Codes according to OMA Release process and the Reference Release document baseline listed in section 5.

2. References

2.1 Normative References

[RFC2119] “Key words for use in RFCs to Indicate Requirement Levels”, S. Bradner, March 1997,
[URL:http://www.ietf.org/rfc/rfc2119.txt](http://www.ietf.org/rfc/rfc2119.txt)

2.2 Informative References

[OMADICT] “Dictionary for OMA Specifications”, Version x.y, Open Mobile Alliance™,
OMA-ORG-Dictionary-Vx_y, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

3. Terminology and Conventions

3.1 Conventions

The key words “MUST”, “MUST NOT”, “REQUIRED”, “SHALL”, “SHALL NOT”, “SHOULD”, “SHOULD NOT”, “RECOMMENDED”, “MAY”, and “OPTIONAL” in this document are to be interpreted as described in [RFC2119].

All sections and appendixes, except “Scope” and "Release Version Overview" are normative, unless they are explicitly indicated to be informative.

3.2 Definitions

Mobile Code	A 1D or 2D barcode as read by camera-equipped handsets.
Reference Release	A set of specifications and/or white papers which form a formal deliverable of OMA. The release can be referenced or otherwise used to support implementable enabler releases, but it cannot by itself be implemented in products.
Reference Release Definition	A definition of the documents that are included in a Reference Release.

3.3 Abbreviations

OMA	Open Mobile Alliance
OMNA	Open Mobile Naming Authority
RRELD	Reference Release Definition

4. Release Version Overview

This document outlines the materials that constitute the Reference Release Definition for the Mobile Codes White Paper.

The white paper included in this Reference Release aims to stimulate a global market in which barcodes act as enablers for camera-equipped handsets to access content and services. Some technologies already exist; for example, in Japan, 2D barcode scanning is in widespread use. However there is fragmentation in the worldwide market currently, due to the variety of approaches to the questions of which barcode symbologies should be supported, what format of data they should contain, and how reader software should behave when barcodes are read. The Open Mobile Alliance aims to halt fragmentation by providing guidelines on existing standards as well as creating specifications to address interoperability needs as they arise. This white paper is intended to serve the mobile industries by highlighting some important existing standards to be considered and problems to be solved if full interoperability is to be achieved. It also makes recommendations concerning backward compatibility, and concerning the issues that normative specifications should address.

5. Document Listing for Mobile Codes

This section is normative.

Doc Ref	Permanent Document Reference	Description
White Paper		
[MobileCode_WP]	OMA-WP-MobileCodes-20080617-C	White paper that provides informative technical information regarding Mobile Codes.

Table 1: Listing of Documents in Mobile Codes Reference Release

6. OMNA Considerations

None.

Appendix A. Change History (Informative)

A.1 Approved Version History

Reference	Date	Description
n/a	n/a	No prior version –or- No previous version within OMA

A.2 Draft/Candidate Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Version OMA-RRELD-MobileCodes-V1_0	11 Apr 2008	All	Baseline RRELD
Candidate Version OMA-RRELD-MobileCodes-V1_0	17 Jun 2008	All	Status changed to Candidate by TP: OMA-TP-2008-0231- INP_MobileCodes_V1_0_RRP_for_Candidate_Approval.