



Enabler Release Definition for Converged Address Book (CAB)

Candidate Version 1.0 – 22 Sep 2009

Open Mobile Alliance
OMA-ERELED-CAB-V1_0-20090922-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.

© 2009 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 REFERENCES5
 - 2.2 INFORMATIVE REFERENCES5
- 3. TERMINOLOGY AND CONVENTIONS6
 - 3.1 CONVENTIONS6
 - 3.2 DEFINITIONS6
 - 3.3 ABBREVIATIONS6
- 4. RELEASE VERSION OVERVIEW7
 - 4.1 VERSION 1.0 FUNCTIONALITY7
- 5. DOCUMENT LISTING FOR CAB ENABLER8
- 6. CONFORMANCE REQUIREMENTS NOTATION DETAILS9
- 7. ERDEF FOR CAB – CLIENT REQUIREMENTS10
- 8. ERDEF FOR CAB – SERVER REQUIREMENTS11
- APPENDIX A. CHANGE HISTORY (INFORMATIVE)12
 - A.1 APPROVED VERSION HISTORY12
 - A.2 CANDIDATE VERSION 1.0 HISTORY12

Tables

- Table 1: Listing of Documents in CAB Enabler8
- Table 2: ERDEF for CAB Client-side Requirements10
- Table 3: ERDEF for CAB Server-side Requirements11

1. Scope

The scope of this document is limited to the Enabler Release Definition of the Converged Address Book (CAB) Enabler according to OMA Release process and the Enabler Release specification baseline listed in section 5.

2. References

2.1 Normative References

- [CAB_RD] “Converged Address Book Requirements”, Version 1.0, Open Mobile Alliance™, OMA-RD-CAB-V1_0,
[URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [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)
- [SCRRULES] “SCR Rules and Procedures”, Open Mobile Alliance™, OMA-ORG-SCR_Rules_and_Procedures,
[URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

2.2 Informative References

- [OMADICT] “Dictionary for OMA Specifications”, Version 2.6, Open Mobile Alliance™,
OMA-ORG-Dictionary-V2_6, [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”, "Release Version Overview" and “Conformance Requirements Notation Details”, are normative, unless they are explicitly indicated to be informative.

The formal notation convention used in sections 7 and 8 to formally express the structure and internal dependencies between specifications in the Enabler Release specification baseline is detailed in [SCRRULES].

3.2 Definitions

Enabler Release	Collection of specifications that combined together form an enabler for a service area, e.g. a download enabler, a browsing enabler, a messaging enabler, a location enabler, etc. The specifications that are forming an enabler should combined fulfil a number of related market requirements.
Minimum Functionality Description	Description of the guaranteed features and functionality that will be enabled by implementing the minimum mandatory part of the Enabler Release.

3.3 Abbreviations

CAB	Converged Address Book
CPM	Converged IP Messaging
ERDEF	Enabler Requirement Definition
ERELED	Enabler Release Definition
OMA	Open Mobile Alliance

4. Release Version Overview

This document defines the components that constitute the Converged Address Book (CAB) Enabler.

The CAB is an evolution of the address book is expected to serve as a launch pad for similarly evolving services dependent upon contact information. In addition to traditional telecommunication features, the CAB will support new services on all-IP based networks featuring many innovative and flexible activities such as those which are emerging to facilitate peer-to-peer and community communications. As the CAB includes features that are not local to user devices, such as network storage and publication and subscription support, the need for interoperable functionality has established the need for the enabler.

The CAB Enabler will include the following:

- An extensible CAB data structure ensuring that it shall be able to incorporate data fields from existing formats (e.g., vCard specifications supported in today's devices)
 - Definition and organization of information related to contacts
 - Integration of other information to contact information like bookmarks
- Features which allow access from different networks and services
- Support for a user to provide his own up-to-date contact information to others, to populate their respective address book
- Provide access and synchronization for various devices registered by the same user across IP networks.
- A framework that allows interworking with available network based address book(s) provided by (for example) messaging and email services. This framework is expected to use standard data formats.
- Provide different views of CAB content depending on the context and/or the device.

4.1 Version 1.0 Functionality

Formal phasing operations will take place after some Architecture work commences to answer some fundamental questions.

Per agreement, it is expected that the initial release of CAB will provide desired functionality for CPM.

5. Document Listing for CAB Enabler

This section is normative.

Doc Ref	Permanent Document Reference	Description
Requirement Document		
[CAB_RD]	OMA-RD-CAB-V1_0-20090907-C	Requirement Document for CAB Enabler
Architecture Document		
[CAB_AD]	OMA-AD-CAB-V1_0-20090922-C	Architecture Document for CAB Enabler
Technical Specifications		
	<i>Not yet available</i>	
Supporting Files		
	<i>Not yet available</i>	

Table 1: Listing of Documents in CAB Enabler

6. Conformance Requirements Notation Details

This section is informative

The tables in following chapters use the following notation:

- Item:** Entry in this column **MUST** be a valid `ScrItem` according to [SCRRULES].
- Feature/Application:** Entry in this column **SHOULD** be a short descriptive label to the **Item** in question.
- Requirement:** Expression in the column **MUST** be a valid `TerminalExpression` according to [SCRRULES] and it **MUST** accurately reflect the architectural requirement of the **Item** in question.

7. ERDEF for CAB – Client Requirements

This section is normative.

Item	Feature / Application	Requirement
<i>Not yet available</i>		

Table 2: ERDEF for CAB Client-side Requirements

8. ERDEF for CAB – Server Requirements

This section is normative.

Item	Feature / Application	Requirement
<i>Not yet available</i>		

Table 3: ERDEF for CAB Server-side Requirements

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 Candidate Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-ERELED-CAB-V1_0	19 Mar 2008	all	Initial Draft version
Candidate Version OMA-ERELED-CAB-V1_0	26 Aug 2008	n/a	Status changed to Candidate by TP: TP ref# OMA-TP-2008-0296- INP_CAB_V1_0_RD_for_Candidate_Approval
Draft Versions OMA-ERELED-CAB-V1_0	03 Dec 2008	5	Section 5 updated prior to TP Notification
Candidate Version OMA-ERELED-CAB-V1_0	17 Dec 2008	n/a	Status changed to Candidate by TP TP ref # OMA-TP-2008-0503-INP_CAB_V1.0_RD_for_Notification
Draft Versions OMA-ERELED-CAB-V1_0	18 Feb 2009	All	Section 5 updated prior to TP Notification
	25 Feb 2009	5	Section 5 updated with ref to AD
	27 Aug 2009	5	Updated Document Listing
Candidate Version OMA-ERELED-CAB-V1_0	22 Sep 2009	All	Updated Document Listing Status changed to Candidate by TP: TP Ref# OMA-TP-2009-0405- INP_CAB_V1_0_AD_for_Candidate_approval