



# **Enabler Release Definition for vObject minimum interoperability profile**

Approved Version 1.0 – 02 Oct 2007

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**Open Mobile Alliance**  
OMA-ERELD-vObject-V1\_0-20071002-A

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# 1. Scope

The scope of this document is limited to the Enabler Release Definition of vObject minimum interoperability profile V1.0 according to OMA Release process and the Enabler Release specification baseline listed in section **Error! Reference source not found.**

The vObject enabler defines vObject(vCard, vCalendar, vBookmark) minimum interoperability profile and implementation guideline to ensure consistent and unambiguous interpretation of the relevant base specifications vCard2.1, vCalendar1.0 and vBookmark1.0.

## 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)
- [SCR RULES] “SCR Rules and Procedures”, Open Mobile Alliance™, OMA-ORG-SCR\_Rules\_and\_Procedures,  
[URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [vObjProfile] “vObject minimum interoperability profile V1.0”, Version 1.0, Open Mobile Alliance™, OMA-ERELD-  
vObject-V1\_0-20071002-A, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [vObjProfile\_RD] “vObject OMA Minimum Interoperability Profile Requirements V1.0”, Open Mobile Alliance™, OMA-  
RD\_vObjectOMAPProfile-V1\_0, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

### 2.2 Informative References

- [vCard2.1] “vCard The Electronic Business Card Version 2.1”, A versit Consortium Specification, September 18,  
1996  
  
*URL: <http://www.imc.org/pdi/vcard-21.doc>*
- [vCal1.0] “vCalendar The Electronic Calendaring and Scheduling Exchange Format Version 1.0”, A versit  
Consortium Specification, September 18, 1996  
  
*URL: <http://www.imc.org/pdi/vcal-10.doc>*
- [vBook1.0] “IrDA Infrared Mobile Communications v1.1”  
  
*URL:<http://www.irda.org/>*
- [SyncML-IOP-  
Whitepaper] “SyncML Common Object Interoperability White Paper”  
*OMA-DS-2004-0052-Interoperability-White-Paper on OMA DS web portal*
- [RFC2821] “Simple Mail Transfer Protocol”, J. Klensin, AT&T Laboratories, April 2001  
  
*<http://www.faqs.org/rfcs/rfc2821.html>*
- [RFC2045] “Multipurpose Internet Mail Extensions (MIME) Part One: Format of Internet Message Bodies”, N.  
Freed, Innosoft, N. Borenstein, First Virtual, November 1996
- [RFC2822] “Internet Message Format”  
  
*P. Resnick, Editor, QUALCOMM Incorporated, April 2001*  
  
*Category: Standards Track*

## 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

<b>Enabler Release</b>	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.
<b>Minimum Functionality Description</b>	Description of the guaranteed features and functionality that will be enabled by implementing the minimum mandatory part of the Enabler Release.
<b>vObject Composer</b>	An application to compose vObject data
<b>vObject Parser</b>	An application to parse vObject data

### 3.3 Abbreviations

<b>ERDEF</b>	Enabler Requirement Definition
<b>ERELD</b>	Enabler Release Definition
<b>OMA</b>	Open Mobile Alliance
<b>JPEG</b>	Joint Photographic Expert Group
<b>UTC</b>	Universal Time Coordinated

## 4. Release Version Overview

This document outlines the Enabler Release Definition for vObject minimum interoperability profile V1.0 [vObjProfile] and the respective conformance requirements for clients and servers implementing claiming compliance to it as defined by Open Mobile Alliance across the specification baseline.

vObject minimum interoperability profile V1.0 defines a set of vObject (vCard, vCalendar and vBookmark) conformance, constrains the implementation choices from original vCard 2.1 [vCard2.1], vCalendar 1.0 [vCal1.0] and vBookmark 1.0 [vBook1.0] specifications and clarifies the ambiguities of the syntax contained in those specifications.

vObject minimum interoperability profile V.0 includes minimum interoperability profiles of vCard 2.1, vCalendar 1.0 and vBookmark1.0.

### 4.1 Version 1.0 Functionality

The vObject composer composes mandatory supported properties defined in vObject minimum interoperability profile V1.0 [vObjProfile].

The vObject parser parses and registers mandatory supported properties defined in vObject minimum interoperability profile V1.0 [vObjProfile].

## 5. Document Listing for vObject minimum interoperability profile

This section is normative.

Doc Ref	Permanent Document Reference	Description
<b>Requirement Document</b>		
[vObjProfile_RD]	OMA-RD-vObjectOMAProfile-V1_0-20071002-A	vObject OMA Minimum Interoperability Profile Requirements V1.0
<b>Technical Specifications</b>		
[vObjProfile]	OMA-TS-vObjectOMAProfile-V1_0-20071002-A	vObject minimum interoperability profile V1.0

**Table 1: Listing of Documents in vObject**



## 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 vObject minimum interoperability profile V1.0- Client Requirements

This section is normative.

Item	Feature / Application	Status	Requirement
OMA-ERDEF-vObjProf-C-001	vObject Client support	M	vObjProfile -Gen-C-001

**Table 2: ERDEF for vObject minimum interoperability profile V1.0 Client-side Requirements**

## 8. ERDEF for vObject minimum interoperability profile V1.0 - Server Requirements

This section is normative.

Item	Feature / Application	Status	Requirement
OMA-ERDEF-vObjProf-S-001	vObject Server support	M	vObjProfile -Gen-C-001

**Table 3: ERDEF for vObject minimum interoperability profile V1.0 Server-side Requirements**

## Appendix A. Change History

(Informative)

### A.1 Approved Version 1.0 History

Reference	Date	Description
OMA-ERELED-vObject-V1_0	02 Oct 2007	Status changed to Approved by TP TP Ref# OMA-TP-2007-0347-INP_vObject_V1_0_ERP_for_Final_Approval.