



# **Enabler Release Definition for KPlinOMA Enabler**

## **Candidate Version 1.0 – 26 Oct 2010**

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**Open Mobile Alliance**  
OMA-ERELED-KPlinOMA-V1\_0-20101026-C

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# 1. Scope

The scope of this document is limited to the Enabler Release Definition of KPIinOMA (Key Performance Indicator for OMA Enablers) 1.0 according to OMA Release process and the Enabler Release specification baseline listed in section 5.

## 2. References

### 2.1 Normative References

- [KPIinOMA-RD] “Key Performance Indicator for OMA Enablers Requirements”, Open Mobile Alliance™, OMA-RD-KPIinOMA-V1\_0, URL: <http://www.openmobilealliance.org/>
- [KPIinOMA-AD] “Key Performance Indicator for OMA Enablers Architecture”, Open Mobile Alliance™, OMA-AD-KPIinOMA-V1\_0, URL: <http://www.openmobilealliance.org/>
- [KPIinOMA-TS] “Key Performance Indicator for OMA Enablers Technical Specification”, Open Mobile Alliance™, OMA-TS-KPIinOMA-V1\_0, URL: <http://www.openmobilealliance.org/>
- [KPIinOMA-DDS-CAB] “KPI Data Object for KPIinOMA-Enabled CAB Instance”, Open Mobile Alliance™, OMA-DDS-KPIinOMA\_KPI\_CAB-V1\_0, URL: <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>
- [SCRRULES] “SCR Rules and Procedures”, Open Mobile Alliance™, OMA-ORG-SCR\_Rules\_and\_Procedures, URL:<http://www.openmobilealliance.org/>

### 2.2 Informative References

- [OMADICT] “Dictionary for OMA Specifications”, Version 2.7, Open Mobile Alliance™, OMA-ORG-Dictionary-V2\_7, URL:<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 8 and 9 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>Key Performance Indicator</b>	See definition in [KPIinOMA-RD]
<b>KPIinOMA-enabled Instance</b>	See definition in [KPIinOMA-RD]
<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>Operational Environment</b>	See definition in [KPIinOMA-RD]
<b>Performance Measurement</b>	See definition in [KPIinOMA-RD]

### 3.3 Abbreviations

<b>ERDEF</b>	Enabler Requirement Definition
<b>ERELED</b>	Enabler Release Definition
<b>KPI</b>	Key Performance Indicator
<b>KPIinOMA</b>	Key Performance Indicators in OMA
<b>OE</b>	Operational Environment
<b>OMA</b>	Open Mobile Alliance
<b>OMNA</b>	Open Mobile Naming Authority

## 4. Release Version Overview

Key Performance Indicators in OMA (KPIinOMA) aims to create standard KPI framework and KPI definitions for OMA Enablers.

### 4.1 Version 1.0 Functionality

The KPIinOMA enabler V1.0 aims to define the following aspects:

- Key Performance Information framework: mechanism to request and report Performance Measurement from OMA service enablers to Operational Environments.
- Key Performance Information definition: Performance Measurement that enablers should report according to the KPI definition

## 5. Document Listing for KPIinOMA 1.0 Enabler

This section is normative.

Doc Ref	Permanent Document Reference	Description
<b>Requirement Document</b>		
[KPIinOMA-RD]	OMA-RD-KPIinOMA-V1_0-20100413-C	Requirement Document for KPIinOMA Enabler
<b>Architecture Document</b>		
[KPIinOMA-AD]	OMA-AD-KPIinOMA-V1_0-20100608-C	Architecture Document for KPIinOMA Enabler
<b>Technical Specifications</b>		
[KPIinOMA-TS]	OMA-TS-KPIinOMA-V1_0-20101026-C	Technical Specification for KPIinOMA Enabler
[KPIinOMA-DDS-CAB]	OMA-DDS-KPIinOMA_KPI_CAB-V1_0-20101026-C	Data object definition for CAB KPI
<b>Supporting Files</b>		
[KPIinOMA-XSD_messages]	OMA-SUP-XSD_KPIinOMA_messages-V1_0-20101026-C	<p>This schema describes the structure and data types for Key Performance Indicators in OMA</p> <p>Working file in Schema directory:</p> <p>file: KPIinOMA_messages-v1_0.xsd</p> <p>path: <a href="http://www.openmobilealliance.org/tech/profiles">http://www.openmobilealliance.org/tech/profiles</a></p>

**Table 1: Listing of Documents in KPIinOMA 1.0 Enabler**



## 6. OMNA Considerations

## 7. 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.

## 8. ERDEF for KPlinOMA 1.0 – KPlinOMA-enabled Instance Requirements

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF-KPlinOMA-C-001-<<M/O>>	KPlinOMA-enabled Instance	

**Table 2: ERDEF for KPlinOMA 1.0 KPlinOMA-enabled Instance Requirements**

## 9. ERDEF for KPlinOMA 1.0 – OE Requirements

This section is normative.

Item	Feature / Application	Requirement
OMA-ERDEF- KPlinOMA –S-001-<<M/O>>	Operational Environment	

Table 3: ERDEF for KPlinOMA 1.0 OE 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 Draft/Candidate Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions : OMA-ERELED-KPlinOMA-V1_0	22 Feb 2010	All	Initial version
	20 Mar, 2010	All	Editorial update in Shenzhen interim meeting according to the RDRR comments
	26 Mar 2010	n/a	Section 5 Updated
Candidate Version: OMA-ERELED-KPlinOMA-V1_0	13 Apr 2010	n/a	Status changed to Candidate by TP TP ref# OMA-TP-2010-0169- INP_KPlinOMA_V1_0_RD_for_Candidate_Approval
Draft Version: OMA-ERELED-KPlinOMA-V1_0	19 May 2010	n/a	Section 5 Updated
Candidate Version: OMA-ERELED-KPlinOMA-V1_0	08 Jun 2010	All	Status changed to Candidate by TP OMA-TP-2010-0226-INP_KPlinOMA_V1_0_AD_for_Candidate_approval
Draft Versions: OMA-ERELED-KPlinOMA-V1_0	07 Sep 2010	5	Section 5 updated
	29 Sep 2010	5	Section 5 updated
Candidate Version: OMA-ERELED-KPlinOMA-V1_0	26 Oct 2010	All	Status changed to Candidate by TP: OMA-TP-2010-0437-INP_KPlinOMA_V1_0_ERP_for_Candidate_Approval