



## **Enabler Test Report Data Synchronization V1.1.2**

OMA TestFest(Nov 2005)

Version 24-Nov-2005

---

Open Mobile Alliance  
OMA-Enabler\_Test\_Report-DS-112-20051124

This document is considered confidential and may not be disclosed in any manner to any non-member of the Open Mobile Alliance™, unless there has been prior explicit Board approval.

This document is a work in process and is not an approved Open Mobile Alliance™ specification. This document is subject to revision or removal without notice. No part of this document may be used to claim conformance or interoperability with the Open Mobile Alliance specifications.

© 2005 Open Mobile Alliance Ltd. All rights reserved.

Terms and conditions of use are available from the Open Mobile Alliance™ Web site at <http://www.openmobilealliance.org/copyright.html>.

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. You may not use this document in any other manner without the prior written permission of the Open Mobile Alliance™. The Open Mobile Alliance authorises 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 offered by you.

The Open Mobile Alliance™ assumes no responsibility for errors or omissions in this document. In no event shall the Open Mobile Alliance be liable for any special, indirect or consequential damages or any damages whatsoever arising out of or in connection with the use of this information.

This document is not a Open Mobile Alliance™ specification, is not endorsed by the Open Mobile Alliance and is informative only. This document is subject to revision or removal without notice. No part of this document may be used to claim conformance or interoperability with the Open Mobile Alliance specifications.

Open Mobile Alliance™ members have agreed to use reasonable endeavors to disclose in a timely manner to the Open Mobile Alliance the existence of all intellectual property rights (IPR's) essential to the present document. However, the members do not have an obligation to conduct IPR searches. The information received by the members 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>. Essential IPR is available for license on the basis set out 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 this "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.

This document is available online in PDF format at <http://www.openmobilealliance.org/>.

Known problems associated with this document are published at <http://www.openmobilealliance.org/>.

Comments regarding this document can be submitted to the Open Mobile Alliance™ in the manner published at <http://www.openmobilealliance.org/documents.html>

# Contents

1. SCOPE .....	4
2. REFERENCES.....	5
2.1 NORMATIVE REFERENCES .....	5
2.2 INFORMATIVE REFERENCES .....	5
3. TERMINOLOGY AND CONVENTIONS .....	6
3.1 CONVENTIONS .....	6
3.2 DEFINITIONS.....	6
3.3 ABBREVIATIONS .....	6
4. SUMMARY .....	7
5. TEST DETAILS.....	8
5.1 DOCUMENTATION.....	8
5.2 TEST CASE STATISTICS.....	9
5.2.1 Test Case Summary.....	9
5.2.2 Test Case List.....	10
5.2.3 Problem Reports.....	11
6. CONFIRMATION.....	12
APPENDIX A. CHANGE HISTORY (INFORMATIVE).....	13

# 1. Scope

This report describes the results from the testing carried out at OMA TestFest11 November 2005 concerning the Data Synchronization enabler version 1.1.2.

## 2. References

### 2.1 Normative References

[OMAIOPPROC]	OMA Interoperability Policy and Process, <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>
[DS112EICS]	Data Synchronization version 1.1.2 Enabler Implementation Conformance Statement (EICS), <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>
[ERELD]	OMA Data Synchronization version 1.1.2 Enabler Release Definition
[DS112_SPEC]	OMA Data Synchronization version 1.1.2 specifications
[EPTR]	Enabler Product Test Report
[ETP]	Enabler Test Report
[ETS]	Data Synchronization version 1.1.2 Test Cases, OMA-ETS-DataSynchronization-V1_1_2-20031015-A, 15-Oct-2003

### 2.2 Informative References

## 3. Terminology and Conventions

### 3.1 Conventions

This is an informative document, i.e. the document does not intend to contain normative statements.

### 3.2 Definitions

None.

### 3.3 Abbreviations

DS	Data Synchronization
DSDM	Data Synchronization Device Management
EICS	Enabler Implementation Conformance Statement
EPTR	Enabler Product Test Report
ETP	Enabler Test Plan
ETS	Enabler Test Specification
OMA	Open Mobile Alliance
PR	Problem Report
SCTS	Synchronization Conformance Test Suite

## 4. Summary

This report gives details of the testing carried out during the OMA TestFest10 (September 2005) for enabler Data Synchronization version 1.1.2.

The report is compiled on behalf of OMA by the OMA Trusted Zone.

The work and reporting has followed the OMA IOP processes and policies [OMAIOPPROC].

## 5. Test Details

### 5.1 Documentation

This chapter lists the details of the enabler and any documentation, tools or test suites used to prove the enabler.

<b>Date:</b>	November 2005
<b>Location:</b>	Düsseldorf, Germany
<b>Enabler:</b>	Data Synchronization v1.1.2
<b>Process:</b>	OMA Interoperability Policy and Process [OMAIOPPROC]
<b>Type of Testing</b>	Interoperability Testing
<b>Products tested:</b>	Client-to-Server
<b>Test Plan:</b>	Data Synchronization Version 1.1.2 Enabler Test Plan [ETP]
<b>Test Specification:</b>	Data Synchronization Enabler Test Specification [ETS]
<b>Test Tool:</b>	SCTS 3.1.2
<b>Test Code:</b>	None
<b>Type of Test event:</b>	Test Fest
<b>Participants:</b>	BenQ mobile, Motorola, FusionOne Inc., Linkuall-Alcomia, MobileTop.Co.LTD, Oracle Corporation, Tactel AB
<b>Number of Client Products:</b>	2
<b>Participating Technology Providers for clients:</b>	BenQ mobile, Motorola
<b>Number of Server Products:</b>	5 (DS 1.2)
<b>Participating Technology Providers for servers:</b>	FusionOne Inc., Linkuall-Alcomia, MobileTop.Co.LTD, Oracle Corporation, Tactel AB
<b>Number of test sessions completed:</b>	9 of 10



## 5.2 Test Case Statistics

### 5.2.1 Test Case Summary

This chapter gives an overview of the result for all test cases included in [ETS].

The following status is used in the tables below:

- **Total number of TCs:** Used in the summary to indicate how many test cases there are in total.
- **Number of passed:** Used in the summary to indicate how many of the total test cases successfully passed.
- **Number of failed:** Used in the summary to indicate how many of the total test cases failed.
- **Number of N/A:** Used in the summary to indicate how many of the total test cases have not been run due to one of the implementations not supporting the functionality required to run this test case.
- **Number of OT:** Used in the summary to indicate how many of the total test cases have not been run due to no time to run the test case.
- **Number of INC:** Used in the summary to indicate how many of the total test cases have not been run due to functionality not being tested due to an error in the implementation or other functionality that is required to run this test case.

Test Section:	Number of test sessions:	Total number of TCs:	Number of Passed:	Number of Failed:	Number of N/A:	Number of OT:	Number of INC:	Total:
Client to Server TCs	9	13	106	4	4	2	1	117
<b>Total</b>	<b>9</b>	<b>13</b>	<b>106</b>	<b>4</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>117</b>

This breaks down by Data Type synchronized as follows:

Test Section:	Number of test sessions:	Total number of TCs:	Number of Passed:	Number of Failed:	Number of N/A:	Number of OT:	Number of INC:	Total:
vCard 2.1	8	13	97	1	4	1	1	104
vCard 3.0	1	13	12	0	1	0	0	13
vCalendar 1.0	6	13	73	1	2	1	1	78
vTodo 1.0	2	13	24	1	1	0	0	26
Not filled in	1	13	9	3	0	1	0	13
<b>Total</b>	<b>18</b>	<b>13</b>	<b>215</b>	<b>6</b>	<b>8</b>	<b>3</b>	<b>2</b>	<b>234</b>

## 5.2.2 Test Case List

This chapter lists the statistics for all test cases included in [ETS].

The following status is used in the tables below:

- **No. of runs(R):** Used to indicate how many times the test cases have been run in total.
- **No. of passed(P):** Used to indicate how many times the test case has been run with successful result.
- **No. of failed(F):** Used to indicate how many times the test case has been run with failed result
- **No. of OT(O):** Used to indicate how many times the test case has not been run due to no time available.
- **No. of INC(I):** Used to indicate how many times the test case has not been run due to errors being found in other functionality required for running this test case.
- **PR:** Used to indicate if any PRs (Problem Reports) have been issued during testing.

Test Case:	Test Case Description:	R	P	F	O	I	PR:	Note:
DS-v1.1.2-int-001	Initial Two-way Sync	9	9	0	0	0		
DS-v1.1.2-int-002	Two-way Sync with Client and Server Add command	9	9	0	0	0		
DS-v1.1.2-int-003	Two-way Sync with Client and Server Replace command	9	9	0	0	0		
DS-v1.1.2-int-004	Two-way Sync with Client and Server Delete command	9	9	0	0	0		
DS-v1.1.2-int-005	Two-way Sync with Client sending new data	9	9	0	0	0		
DS-v1.1.2-int-006	Two-way Sync with Server sending new data	9	9	0	0	0		
DS-v1.1.2-int-007	Two-way Sync with Large number of Objects	9	9	0	0	0		
DS-v1.1.2-int-008	Two-way Sync with Large number of Objects Returned	9	8	1	0	0		
DS-v1.1.2-int-009	Two-way Sync with Server not responding	9	9	0	0	0		
DS-v1.1.2-int-010	Two-way Sync with incomplete communication	9	9	0	0	0		
DS-v1.1.2-int-011	Two-way Slow Sync with data	9	8	1	0	0		
DS-v1.1.2-int-012	Two-way Slow Sync to restore client data	9	8	1	0	0		
DS-v1.1.2-int-013	Two-way Sync with Large Object Handling	5	1	1	2	1		

Note(s):

1. Data Types tested included: Contacts (vCard 2.1), Calendar(vCalendar 1.0) and ToDo (vToDo v1.0)

### 5.2.3 Problem Reports

During the activities for TestFest11, no problem reports were generated relating to the test materials and test process:

Full details of the Problem Reports can be found at: <http://www.opengroup.org:8000/OMA-PR/>

## 6. Confirmation

This signature states that the included information is true and valid.

A handwritten signature in black ink, appearing to read "Alan R. [unclear]", written over a horizontal line.

---

OMA Trusted Zone

## Appendix A. Change History (Informative)

Type of Change	Date	Section	Description