



## **Enabler Test Report IMPS CSP v1.2**

OMA Test Fest (May 2005)  
Version 27-May-2005

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Open Mobile Alliance  
OMA-Enabler\_Test\_Report-IMPS-CSP12-20050527

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# 1. Scope

This report describes the results from the testing carried out at OMA TestFest9 (May 2005) concerning CSP v1.2 of the IMPS enabler.

## 2. References

### 2.1 Normative References

[OMAIOPPROC]	OMA Interoperability Policy and Process, <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>
[IMPSEICS]	IMPS CSP version 1.2 Enabler Implementation Conformance Statement (EICS), <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>
[ERELD]	OMA IMPS CSP version 1.2 Enabler Release Definition
[IMPS_SPEC]	OMA IMPS CSP 1.2 specifications
[EPTR]	Enabler Product Test Report
[ETP]	Enabler Test Plan
[ETS]	Enabler Test Specification for OMA IMPS 1.2, Draft Version 3-March-2005 <a href="http://www.openmobilealliance.org/">http://www.openmobilealliance.org/</a>

### 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

CSP	Client Server Protocol
EICS	Enabler Implementation Conformance Statement
EPTR	Enabler Product Test Report
ETP	Enabler Test Plan
ETS	Enabler Test Specification
IMPS	Instant Messaging Presence Service
OMA	Open Mobile Alliance
PR	Problem Report

## 4. Summary

This report gives details of the testing carried out during the OMA TestFest9 (May 2005) for IMPS CSP v1.2.

The report is compiled on behalf of OMA by NCC Group.

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>	May 2005
<b>Location:</b>	Helsinki, Finland
<b>Enabler:</b>	IMPS CSP v1.2
<b>Process:</b>	OMA Interoperability Policy and Process [OMAIOPPROC]
<b>Type of Testing</b>	Interoperability Testing
<b>Products tested:</b>	Client-to-server, Client-to-Client
<b>Test Plan:</b>	IMPS Enabler Test Plan [ETP]
<b>Test Specification:</b>	IMPS Enabler Test Specification [ETS]
<b>Test Tool:</b>	None
<b>Test Code:</b>	None
<b>Type of Test event:</b>	Test Fest
<b>Participants:</b>	Celtius (2 products), Ecrio Inc, Followap, MediaTek Inc, Openwave Systems Limited, OZ Communications ( 2 products)
<b>Number of Client Products:</b>	6
<b>Participating Technology Providers for clients:</b>	Celtius, Ecrio Inc, Followap, MediaTek Inc, Openwave Systems Limited, OZ Communications
<b>Number of Server Products:</b>	4
<b>Participating Technology Providers for servers:</b>	Celtius, Colibria, Jabber, Inc., OZ Communications
<b>Number of test sessions completed:</b>	32 of 32



## 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 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	32	32	586	7	365	1	1	960
Client to Server to Client TCs	32	62	748	18	1187	8	23	1984
<b>Total</b>	<b>32</b>	<b>94</b>	<b>1334</b>	<b>25</b>	<b>1552</b>	<b>9</b>	<b>24</b>	<b>2944</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.
- **Note:** Used to indicate the cause of Inconclusive or Fail verdicts.

Test Case:	Test Case Description:	R	P	F	O	I	PR:	Note:
IMPS-1.2-int-SAP-001	Verify the Login functionality (2-way, correct password)	32	32	0	0	0		
IMPS-1.2-int-SAP-002	Verify the Login functionality (2-way, incorrect password)	32	32	0	0	0		
IMPS-1.2-int-SAP-005	Verify the client-initiated logout	32	32	0	0	0		
IMPS-1.2-int-SAP-006	Verify server initiates disconnects	32	32	0	0	0		
IMPS-1.2-int-SAP-007	Verify the Login functionality in the case of a User ID that does not identify a user account on the server.	32	32	0	0	0		
IMPS-1.2-int-SAP-0011	Verify Client and Server ability to recognize local UserID addresses	32	32	0	0	0		
IMPS-1.2-int-SAP-0012	Verify Client and Server ability to recognize external UserID addresses	32	32	0	0	0		
IMPS-1.2-int-SAP-0013	Verify wv: is assumed in login transaction when wv: is not provided in the username during login.	28	28	0	0	0		
IMPS-1.2-int-SAP-0014	Verify Time-to-Live functionality	15	14	0	1	0		
IMPS-1.2-int-SAP-003	Verify the Login functionality (4-way, correct password)	17	17	0	0	0		
IMPS-1.2-int-SAP-004	Verify the Login functionality (4-way, incorrect password)	17	17	0	0	0		
IMPS-1.2-int-SAP-008	Verify the Login functionality in case of multiple logins of the same user	32	32	0	0	0		

IMPS-1.2-int-SAP-009	Verify the Login functionality in case of multiple logins of the same user	0	0	0	0	0		
IMPS-1.2-int-SAP-010	Verify the Login functionality in case of incorrect domain in client external user addressing.	32	32	0	0	0		
IMPS-1.2-int-SAP-xxxx	Verify VersionDiscovery	17	15	2	0	0		
IMPS-1.2-int-PRSE-001	Verify that the server supports Subscribe Presence functionality and client supports presence notifications	32	32	0	0	0		
IMPS-1.2-int-PRSE-004	Verify that when client unsubscribes presence, the server stops delivering presence updates	32	32	0	0	0		
IMPS-1.2-int-PRSE-005	Verify that the server sends presence update containing OnlineStatus presence attribute to subscriber when publisher logs in and logs out.	32	32	0	0	0		
IMPS-1.2-int-PRSE-0024	Verify no error occurs when a client Subscribes Presence after presence is already subscribed.	23	23	0	0	0		
IMPS-1.2-int-PRSE-002	Verify that the server supports Subscribe Presence functionality for all contacts in contact list	27	27	0	0	0		
IMPS-1.2-int-PRSE-006	Verify Add to Contact List functionality	32	32	0	0	0		
IMPS-1.2-int-PRSE-009	Verify Delete from Contact List functionality	32	32	0	0	0		
IMPS-1.2-int-PRSE-010	Verify Change Nickname functionality	27	27	0	0	0		
IMPS-1.2-int-PRSE-011	Verify Create Contact List functionality	27	27	0	0	0		
IMPS-1.2-int-PRSE-012	Verify Delete Contact List functionality	27	27	0	0	0		
IMPS-1.2-int-PRSE-013	Verify that the server and client support Get Watcher List functionality	17	17	0	0	0		
IMPS-1.2-int-PRSE-014	Verify that the server and client support Reactive Presence Authorization (grant case)	16	16	0	0	0		
IMPS-1.2-int-PRSE-015	Verify that the server and client support Reactive Presence Authorization (deny case)	16	16	0	0	0		
IMPS-1.2-int-PRSE-016	Verify the Get Presence functionality (Proactive Presence Case)	28	28	0	0	0		
IMPS-1.2-int-PRSE-017	Verify Add to Contact list functionality for a non-existing user.	24	24	0	0	0		

IMPS-1.2-int-PRSE-018	Verify user search functionality for an existing user.	16	15	0	0	1		
IMPS-1.2-int-PRSE-019	Verify that the server and client support Proactive Presence Authorization for a user.	23	23	0	0	0		
IMPS-1.2-int-PRSE-020	Verify that the server and client support Proactive Presence Authorization for a contact list.	23	23	0	0	0		
IMPS-1.2-int-PRSE-021	Verify auto-subscribe functionality when adding a user to a Contact List.	20	20	0	0	0		
IMPS-1.2-int-PRSE-022	Verify Get Reactive authorization status functionality.	2	2	0	0	0		
IMPS-1.2-int-PRSE-0023	Verify Client is unable to access another users Contact List (denied by the Server)	5	3	2	0	0		
IMPS-1.2-int-PRSE-0026	Verify Server sends back proper error message for no support for requested AutoSubscribe.	3	1	2	0	0		
IMPS-1.2-int-PRSE-0027	Verify Server changes AutoSubscribe according to client request.	12	12	0	0	0		
IMPS-1.2-int-PRSE-028	Verify that the server sends presence updates, containing UserAvailability presence attribute, to the subscribing client when the publishing client updates its UserAvailability presence attribute.	32	32	0	0	0		
IMPS-1.2-int-PRSE-029	Verify that the server sends presence updates, containing StatusText presence attribute, to the subscribing client when the publishing client updates its StatusText presence attribute.	24	24	0	0	0		
IMPS-1.2-int-PRSE-030	Verify Publishing Default Attribute List functionality (Proactive Presence Case)	9	1	8	0	0		
IMPS-1.2-int-PRSE-031	Verify Publishing Default Attribute List functionality (Proactive Presence Case)	9	8	1	0	0		
IMPS-1.2-int-IMSE-001	Verify that a message sent by one client is delivered to the other client	32	32	0	0	0		
IMPS-1.2-int-IMSE-012	Verify multiple recipient message sending functionality.	26	26	0	0	0		
IMPS-1.2-int-IMSE-002	Verify that a message sent by one client to another client that is logged out is delivered to that client when it logs on	16	16	0	0	0		

IMPS-1.2-int-IMSE-003	This test is to confirm that if the Delivery Report is requested then the sender will receive a Delivery Report when the message is delivered to the recipient	11	11	0	0	0		
IMPS-1.2-int-IMSE-004	This test confirms that a client is able to reject messages	5	5	0	0	0		
IMPS-1.2-int-IMSE-005	This test confirms that a client is able to forward unretrieved messages to other users	16	15	0	0	1		
IMPS-1.2-int-IMSE-006	This test confirms that if the Delivery Report is requested then the sender receives a Delivery Report with appropriate error code in case of the delivery failure	2	2	0	0	0		
IMPS-1.2-int-IMSE-007	This test confirms that client and server are able to block delivery of messages	20	20	0	0	0		
IMPS-1.2-int-IMSE-008	This test confirms that a client is able to unblock delivery of messages	20	20	0	0	0		
IMPS-1.2-int-IMSE-009	Verify that a message (including "tricky" characters) sent by one client is delivered to the other client	25	21	2	0	2		
IMPS-1.2-int-IMSE-010	Verify message validity period functionality and failed delivery	2	2	0	0	0		
IMPS-1.2-int-IMSE-011	Verify message failed delivery notification	2	2	0	0	0		
IMPS-1.2-int-IMSE-013	Verify delivered messages are removed from the IMSE.	21	21	0	0	0		
IMPS-1.2-int-GROUPS-011	Verify the Join Group functionality (not authorised to join group)	12	12	0	0	0		
IMPS-1.2-int-GROUPS-005	Verify the Leave Group functionality	15	14	0	0	1		
IMPS-1.2-int-GROUPS-021	Verify sending message to group (either Private or Public)	16	16	0	0	0		
IMPS-1.2-int-GROUPS-022	Verify sending PRIVATE message to a member of a group (either Private or Public)	3	2	0	0	1		
IMPS-1.2-int-GROUPS-001	Verify the Join Group functionality for public group	14	14	0	0	0		
IMPS-1.2-int-GROUPS-002	Verify Create Group Functionality	10	10	0	0	0		

IMPS-1.2-int-GROUPS-003	Verify the Welcome Note functionality	11	11	0	0	0		
IMPS-1.2-int-GROUPS-004	Verify the Join Group functionality (non-existing group)	13	13	0	0	0		
IMPS-1.2-int-GROUPS-006	Verify the Group Change Notice Functionality	12	11	1	0	0		
IMPS-1.2-int-GROUPS-008	Verify the Delete Group feature	6	6	0	0	0		
IMPS-1.2-int-GROUPS-009	Verify the Group Invitations feature when not blocked.	10	10	0	0	0		
IMPS-1.2-int-GROUPS-010	Verify the Private Group functionality when not blocked – Invitations, Create, Join, Leave, - Accept	10	9	0	0	1		
IMPS-1.2-int-GROUPS-013	Verify the Group Invitations feature – Reject	8	7	1	0	0		
IMPS-1.2-int-GROUPS-014	Verify the Join Group functionality with a screen name	13	13	0	0	0		
IMPS-1.2-int-GROUPS-015	Verify the Group Search functionality	8	8	0	0	0		
IMPS-1.2-int-GROUPS-016	Verify the Get Joined Users feature	1	1	0	0	0		
IMPS-1.2-int-GROUPS-017	Verify the Server Initiated Leave Group functionality (Public Group)	4	2	0	1	1		
IMPS-1.2-int-GROUPS-018	Verify the Server Initiated Leave Group functionality (Private Group)	9	9	0	0	0		
IMPS-1.2-int-GROUPS-019	Verify the Group AutoJoin functionality (Private Group)	4	4	0	0	0		
IMPS-1.2-int-GROUPS-020	Verify the Group AutoJoin does not take place when client does not support Group functionality (Public Group)	3	0	3	0	0		
IMPS-1.2-int-GROUPS-023	Verify server response contains joined user list (Public Groups)	9	8	0	0	1		
IMPS-1.2-int-GROUPS-024	Verify the Server Initiated Leave Group and Reject User functionality (Public Group)	3	3	0	0	0		

IMPS-1.2-int-GROUPS-025	Verify Reject Join User functionality (Public Group)	3	3	0	0	0		
IMPS-1.2-int-COSE-001	Verify sending of invitation to Shared Content when not blocked	0	0	0	0	0		
IMPS-1.2-int-COSE-002	Verify receiving and accepting of invitation to Shared Content when not blocked.	0	0	0	0	0		
IMPS-1.2-int-COSE-003	Verify sending of cancel invitation to Shared Content.	0	0	0	0	0		
IMPS-1.2-int-COSE-004	Verify receiving of cancel invitation to Shared Content.	0	0	0	0	0		
IMPS-1.2-int-CIR-0001	Testing Communication Initiation Request (CIR) using WAP Push over SMS	10	1	0	4	5		
IMPS-1.2-int-CIR-0002	Testing Communication Initiation Request (CIR) using WAP Push over UDP	9	1	0	3	5		
IMPS-1.2-int-CIR-0003	Testing Communication Initiation Request (CIR) over Standalone SMS	4	0	0	0	4		
IMPS-1.2-int-CIR-0004	Testing Communication Initiation Request (CIR) over Standalone UDP/IP	0	0	0	0	0		
IMPS-1.2-int-CIR-0005	Testing Communication Initiation Request (CIR) over Standalone TCP/IP	13	12	0	0	1		
IMPS-1.2-int-CIR-0006	Testing Communication Initiation Request (CIR) over Standalone HTTP	0	0	0	0	0		
IMPS-1.2-int-CIR-0007	Verify Server ability to notify client that CIR channel over standalone TCP is disconnected	0	0	0	0	0		
IMPS-1.2-int-Other-0001	Verify protocol extension framework – client originated	4	1	3	0	0		
IMPS-1.2-int-Other-0002	Verify protocol extension framework – server originated	5	5	0	0	0		
IMPS-1.2-int-Other-0003	Verify HTTP redirection functionality	0	0	0	0	0		

### 5.2.3 Problem Reports

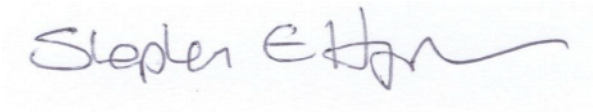
During the activities for TestFest9, there were no problem reports were generated relating to the test materials and test process:

Full details of existing 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 blue ink that reads "Stephen Higgins". The signature is written in a cursive style with a long, sweeping tail.

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Stephen Higgins - Trusted Zone

## Appendix A. Change History (Informative)

Type of Change	Date	Section	Description