



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

OMA Test Fest (October 2004)  
Version 29-Oct-04

---

Open Mobile Alliance  
OMA-Enabler\_Test\_Report-IMPS-CSPv1.2-2004-10-29

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.

© 2004 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 an 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 Observations ..... 17
- 6. CONFIRMATION ..... 21
- APPENDIX A. CHANGE HISTORY (INFORMATIVE)..... 22

# 1. Scope

This report describes the results from the testing carried out at OMA Test Fest October 2004 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 2-September-2004 <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 Test Fest (October 2004) 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>	October 2004
<b>Location:</b>	Beijing, China
<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>	America Online, Inc.; Colibria; Institute for Information Industry; LG Electronics; Motorola Inc; Openwave Systems Ltd; OZ Communications; Samsung Electronics Co. Ltd.; SKY MobileMedia Inc.; Smartfone (Hong Kong) Limited
<b>Number of Client Products:</b>	9
<b>Participating Technology Providers for clients:</b>	Institute for Information Industry; LG Electronics; Motorola Inc; Openwave Systems Ltd; OZ Communications( 2 products); Samsung Electronics Co. Ltd.; SKY MobileMedia Inc.; Smartfone (Hong Kong) Limited
<b>Number of Server Products:</b>	5
<b>Participating Technology Providers for servers:</b>	America Online, Inc.; Colibria; Institute for Information Industry; OZ Communications; Smartfone (Hong Kong) Limited
<b>Number of test sessions completed:</b>	62 of 62



## 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.

<b>Test Section:</b>	<b>Total number of TCs:</b>	<b>Number of Passed:</b>	<b>Number of Failed:</b>	<b>Number of N/A:</b>	<b>Number of OT:</b>	<b>Number of INC:</b>
Client to Server TCs	32	938	6	919	23	98
Client to Server to Client TCs	60	744	18	2565	176	217
<b>Total</b>	<b>92</b>	<b>1682</b>	<b>24</b>	<b>3484</b>	<b>199</b>	<b>315</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)	62	59	0	0	3	-	
IMPS-1.2-int-SAP-002	Verify the Login functionality (2-way, incorrect password)	62	59	0	0	3	-	
IMPS-1.2-int-SAP-005	Verify the client-initiated logout	62	59	0	0	3	-	
IMPS-1.2-int-SAP-006	Verify server initiates disconnects	62	52	4	2	4	-	
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.	62	59	0	0	3	-	
IMPS-1.2-int-SAP-0011	Verify Client and Server ability to recognize local UserID addresses	62	59	0	0	3	-	
IMPS-1.2-int-SAP-0012	Verify Client and Server ability to recognize external UserID addresses	61	58	0	0	3	-	
IMPS-1.2-int-SAP-0013	Verify wv: is assumed in login transaction when wv: is not provided in the username during login.	56	53	0	0	3	-	
IMPS-1.2-int-SAP-0014	Verify Time-to-Live functionality	21	17	1	0	3	-	
IMPS-1.2-int-SAP-003	Verify the Login functionality (4-way, correct password)	26	23	0	0	3	-	

IMPS-1.2-int-SAP-004	Verify the Login functionality (4-way, incorrect password)	26	23	0	0	3	-	
IMPS-1.2-int-SAP-008	Verify the Login functionality in case of multiple logins of the same user	46	39	2	0	5	-	
IMPS-1.2-int-SAP-009	Verify the Login functionality in case of multiple logins of the same user	21	17	0	0	4	-	
IMPS-1.2-int-SAP-010	Verify the Login functionality in case of incorrect domain in client external user addressing.	50	47	0	0	3	-	
IMPS-1.2-int-SAP-xxxx	Verify VersionDiscovery	29	25	0	0	4	-	
IMPS-1.2-int-PRSE-001	Verify that the server supports Subscribe Presence functionality and client supports presence notifications	62	51	0	3	8	-	
IMPS-1.2-int-PRSE-004	Verify that when client unsubscribes presence, the server stops delivering presence updates	58	47	0	3	8	-	
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.	62	51	0	3	8	-	
IMPS-1.2-int-PRSE-0024	Verify no error occurs when a client Subscribes Presence after presence is already subscribed.	27	20	0	0	7	-	Observation 011
IMPS-1.2-int-PRSE-002	Verify that the server supports Subscribe Presence functionality for all contacts in contact list	48	37	0	2	9	-	
IMPS-1.2-int-PRSE-006	Verify Add to Contact List functionality	62	59	0	0	3	-	
IMPS-1.2-int-PRSE-009	Verify Delete from Contact List functionality	62	59	0	0	3	-	
IMPS-1.2-int-PRSE-010	Verify Change Nickname functionality	31	28	0	0	3	-	
IMPS-1.2-int-PRSE-011	Verify Create Contact List functionality	28	25	0	0	3	-	
IMPS-1.2-int-PRSE-012	Verify Delete Contact List functionality	25	22	0	0	3	-	
IMPS-1.2-int-PRSE-013	Verify that the server and client support Get Watcher List functionality	18	13	0	1	4	-	

IMPS-1.2-int-PRSE-014	Verify that the server and client support Reactive Presence Authorization (grant case)	18	13	0	1	4	-	
IMPS-1.2-int-PRSE-015	Verify that the server and client support Reactive Presence Authorization (deny case)	18	13	0	1	4	-	
IMPS-1.2-int-PRSE-016	Verify the Get Presence functionality (Proactive Presence Case)	24	19	0	0	5	-	
IMPS-1.2-int-PRSE-017	Verify Add to Contact list functionality for a non-existing user.	49	45	0	0	4	-	
IMPS-1.2-int-PRSE-018	Verify user search functionality for an existing user.	36	31	0	1	4	-	
IMPS-1.2-int-PRSE-019	Verify that the server and client support Proactive Presence Authorization for a user.	9	4	0	0	5	-	
IMPS-1.2-int-PRSE-020	Verify that the server and client support Proactive Presence Authorization for a contact list.	10	5	0	0	5	-	
IMPS-1.2-int-PRSE-021	Verify auto-subscribe functionality when adding a user to a Contact List.	42	34	0	2	6	-	
IMPS-1.2-int-PRSE-022	Verify Get Reactive authorization status functionality.	5	1	0	0	4	-	
IMPS-1.2-int-PRSE-0023	Verify Client is unable to access another users Contact List (denied by the Server)	14	10	0	0	4	-	Observation 009
IMPS-1.2-int-PRSE-0026	Verify Server sends back proper error message for no support for requested AutoSubscribe.	10	3	0	1	6	-	Observation 010
IMPS-1.2-int-PRSE-0027	Verify Server changes AutoSubscribe according to client request.	16	9	0	1	6	-	
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.	62	51	0	3	8	-	
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.	20	9	2	3	6	-	

IMPS-1.2-int-IMSE-001	Verify that a message sent by one client is delivered to the other client	61	51	0	3	7	-	
IMPS-1.2-int-IMSE-011	Verify message failed delivery notification	23	15	0	4	4	-	
IMPS-1.2-int-IMSE-012	Verify multiple recipient message sending functionality.	20	15	0	1	4	-	
IMPS-1.2-int-IMSE-013	Verify delivered messages are removed from the IMSE.	27	20	0	2	5	-	
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	38	25	2	5	6	-	
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	20	14	0	2	4	-	
IMPS-1.2-int-IMSE-004	This test confirms that a client is able to reject messages	13	5	0	2	6	-	
IMPS-1.2-int-IMSE-005	This test confirms that a client is able to forward unretrieved messages to other users	16	7	0	3	6	-	
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	10	2	1	3	4	-	
IMPS-1.2-int-IMSE-007	This test confirms that client and server are able to block delivery of messages	33	25	0	2	6	-	
IMPS-1.2-int-IMSE-008	This test confirms that a client is able to unblock delivery of messages	33	23	0	4	6	-	
IMPS-1.2-int-IMSE-009	Verify that a message (including "tricky" characters) sent by one client is delivered to the other client	59	41	6	3	9	-	
IMPS-1.2-int-IMSE-010	Verify message validity period functionality and failed delivery	12	4	0	3	5	-	
IMPS-1.2-int-GROUPS-011	Verify the Join Group functionality (not authorised to join group)	11	5	1	4	1	-	
IMPS-1.2-int-GROUPS-005	Verify the Leave Group functionality	11	5	1	5	0	-	

IMPS-1.2-int-GROUPS-021	Verify sending message to group (either Private or Public)	10	2	1	6	1	-	
IMPS-1.2-int-GROUPS-022	Verify sending PRIVATE message to a member of a group (either Private or Public)	6	0	0	5	1	-	
IMPS-1.2-int-GROUPS-001	Verify the Join Group functionality for public group	11	6	1	4	0	-	
IMPS-1.2-int-GROUPS-002	Verify Create Group Functionality	11	7	1	3	0	-	
IMPS-1.2-int-GROUPS-003	Verify the Welcome Note functionality	10	5	0	5	0	-	
IMPS-1.2-int-GROUPS-004	Verify the Join Group functionality (non-existing group)	8	4	0	4	0	-	
IMPS-1.2-int-GROUPS-006	Verify the Group Change Notice Functionality	9	2	0	6	1	-	
IMPS-1.2-int-GROUPS-008	Verify the Delete Group feature	11	6	0	5	0	-	
IMPS-1.2-int-GROUPS-009	Verify the Group Invitations feature when not blocked.	10	2	0	7	1	-	
IMPS-1.2-int-GROUPS-010	Verify the Private Group functionality when not blocked – Invitations, Create, Join, Leave, - Accept	10	1	0	6	3	-	
IMPS-1.2-int-GROUPS-013	Verify the Group Invitations feature – Reject	10	1	0	8	1	-	
IMPS-1.2-int-GROUPS-014	Verify the Join Group functionality with a screen name	11	5	1	5	0	-	
IMPS-1.2-int-GROUPS-015	Verify the Group Search functionality	11	7	0	4	0	-	
IMPS-1.2-int-GROUPS-016	Verify the Get Joined Users feature	5	1	0	4	0	-	

IMPS-1.2-int-GROUPS-017	Verify the Server Initiated Leave Group functionality (Public Group)	4	0	0	4	0	-	
IMPS-1.2-int-GROUPS-018	Verify the Server Initiated Leave Group functionality (Private Group)	5	0	0	5	0	-	
IMPS-1.2-int-GROUPS-019	Verify the Group AutoJoin functionality (Private Group)	9	3	0	6	0	-	
IMPS-1.2-int-GROUPS-020	Verify the Group AutoJoin does not take place when client does not support Group functionality (Public Group)	6	0	0	6	0	-	
IMPS-1.2-int-GROUPS-023	Verify server response contains joined user list (Public Groups)	10	2	0	8	0	-	
IMPS-1.2-int-GROUPS-024	Verify the Server Initiated Leave Group and Reject User functionality (Public Group)	9	1	0	8	0	-	
IMPS-1.2-int-GROUPS-025	Verify Reject Join User functionality (Public Group)	9	0	0	9	0	-	
IMPS-1.2-int-COSE-001	Verify sending of invitation to Shared Content when not blocked	1	0	0	1	0	-	
IMPS-1.2-int-COSE-002	Verify receiving and accepting of invitation to Shared Content when not blocked.	1	0	0	1	0	-	
IMPS-1.2-int-COSE-003	Verify sending of cancel invitation to Shared Content.	1	0	0	1	0	-	
IMPS-1.2-int-COSE-004	Verify receiving of cancel invitation to Shared Content.	1	0	0	1	0	-	
IMPS-1.2-int-CIR-0001	Testing Communication Initiation Request (CIR) using WAP Push over SMS	7	0	0	1	6	-	
IMPS-1.2-int-CIR-0002	Testing Communication Initiation Request (CIR) using WAP Push over UDP	4	0	0	0	4	-	
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	5	0	0	0	5	-	

IMPS-1.2-int-CIR-0005	Testing Communication Initiation Request (CIR) over Standalone TCP/IP	24	18	0	0	6	-	
IMPS-1.2-int-CIR-0006	Testing Communication Initiation Request (CIR) over Standalone HTTP	4	0	0	0	4	-	
IMPS-1.2-int-CIR-0007	Verify Server ability to notify client that CIR channel over standalone TCP is disconnected	6	2	0	1	3	-	
IMPS-1.2-int-Other-0001	Verify protocol extension framework – client originated	6	3	0	0	3	-	
IMPS-1.2-int-Other-0002	Verify protocol extension framework – server originated	5	2	0	0	3	-	
IMPS-1.2-int-Other-0003	Verify HTTP redirection functionality	3	0	0	0	3	-	Observation 012



## 5.2.3 Observations

The following issues were captured by the Trusted Zone during the OMA Test Fest.

### 5.2.3.1 EICS Issues

<b>Observation: 001</b>	
Document:	EICS OMA IMPS Version 1.2 Server Enabler Release OMA-ICS-IMPS-V1_2-Server-20030611-D
SCR items:	MIER-2, MIER-3 (Page 31/53)
Comment:	If Group service is not supported, then MIER-2 and MIER-3 do not make any sense to be mandatory without any prerequisites.
Recommendation:	Recommend that SERV-4 is a pre-requisite for MIER-2 and MIER-3.

<b>Observation: 002</b>	
Document:	EICS OMA IMPS Version 1.2 Server Enabler Release OMA-ICS-IMPS-V1_2-Server-20030611-D
SCR items:	CCLI- If the contact list does not exist on the server, and the server is able to add all users in User-Nick-List and is able to apply all property changes specified in Contact-List-Props, the server creates the contact list. (Page 22/53)
Comment:	There is a SCR item labelled 'CCLI-', i.e. without an assigned number.
Recommendation:	Assign a number for the SCR item.

<b>Observation: 003</b>	
Document:	EICS OMA IMPS Version 1.2 Server Enabler Release OMA-ICS-IMPS-V1_2-Server-20030611-D
SCR items:	GRSE-14 - Support for get joined users transaction (Page 33/53)
Comment:	SCR item GRSE-14 is missing from the EICS.
Recommendation:	Update the EICS to include GRSE-14.

<b>Observation: 004</b>	
Document:	EICS OMA IMPS Version 1.2 Server Enabler Release OMA-ICS-IMPS-V1_2-Server-20030611-D
SCR items:	MCLS-12 to MCLS-14 (Page 24/53)
Comment:	The SCR items are labelled MCLS-2 to MCLS-4 and not MCLS-12 to MCLS-14.

Recommendation:	Update as above.
-----------------	------------------

<b>Observation: 005</b>	
Document:	EICS OMA IMPS Version 1.2 Client Enabler Release OMA-ICS-IMPS-V1_2-Client-2003611-D
SCR items:	PRSE-17 - Support for get reactive authorization status Transaction ( Page 17/25 )
Comment:	PRSE-17 is incorrectly labelled in the EICS. It is labelled 'Support for cancel presence authorization transaction' and should be labelled 'Support for get reactive authorization status transaction'
Recommendation:	Update as above.

<b>Observation: 006</b>	
Document:	EICS OMA IMPS Version 1.2 Client Enabler Release OMA-ICS-IMPS-V1_2-Client-2003611-D
SCR items:	IMSE-8 to IMSE-15 (Page 20/25)
Comment:	Starting at IMSE-8, the Requirement description is incorrect. The IMSE-8 (MIER) was added in 1.2 but the req description was not updated, and thus all following descriptions are one row off. E.g. Description for IMSE-9 (NEWM) is found on the upper row for IMSE-8. And the last description is duplicated (IMSE-14 and IMSE-15)
Recommendation:	Update with correct descriptions.

<b>Observation: 007</b>	
Document:	EICS OMA IMPS Version 1.2 Client Enabler Release OMA-ICS-IMPS-V1_2-Client-2003611-D
SCR items:	TRANSP-14 - Sending of Poll request when CIR is received (Page 12/25)
Comment:	The Pre-Requisite for TRANSP-14 specify TRANSP-3,4,5,6 which relate to the data channels. Should this refer to TRANSP-2 (as in the CSP v1.1 EICS) which relates to the CIR channel?
Recommendation:	Re-review EICS.

<b>Observation: 008</b>	
Document:	EICS OMA IMPS Version 1.2 Client Enabler Release OMA-ICS-IMPS-V1_2-Client-2003611-D
SCR items:	LOGIN-14, LOGIN-15 (Page 15/25)
Comment:	It was claimed that this relates to Server functionality and not Client functionality and therefore should not be included in the Client EICS.
Recommendation:	Re-review EICS.

### 5.2.3.2 Enabler Test Suite(ETS) issues

This section details issues with the Enabler Test Specification for OMA IMPS CSP 1.2.

<b>Observation: 009</b>	
Test Case(s):	<b>IMPS-1.2-int-PRSE-0023</b>
SCR items / ICS:	ADDR-5 - User cannot refer to or access other users' contact list.
Comment:	It was commented that this test case is not testing the IMPS specification but generic security and data integrity of the server. It was commented that it is not validating interoperability since this is not covered by the specification.
Recommendation:	Re-review test case.

<b>Observation: 010</b>	
Test Case(s):	<b>IMPS-1.2-int-PRSE-0024</b>
SCR items / ICS:	PRSE-8 - Support for subscribe presence transaction
Comment:	There should be a pre-condition in the test case that the client can re-subscribe to presence. This may not be the case in a real product rather than a test client.  In addition, this test case implies functionality in the Server to inform the client that it has already subscribed to presence which is not explicitly defined within the IMPS specifications. It seems to be adding a requirement on Servers through the test case rather than through the specification.
Recommendation:	Re-review test case.

<b>Observation: 011</b>	
Test Case(s):	<b>IMPS-1.2-int-PRSE-0026</b>
SCR items / ICS:	PRSE-2 - Support for create contact list transaction
Comment:	It was commented that this test case is not testing PRESE-2 but AutoSubscribe functionality.
Recommendation:	Re-review test case.

<b>Observation: 012</b>	
Test Case(s):	<b>IMPS-1.2-int-Other-0003</b>
SCR items / ICS:	None – Validates normative reference from IMPS specifications
Comment:	It was commented that this test case does not validate IMPS functionality but the HTTP transport. If a Server is load balancing, they may not use HTTP redirection at all and instead use DNS routing. The applicability of the test case was questioned by the TestFest participants.

Recommendation:	Re-review test case.
-----------------	----------------------

<b>Observation: 013</b>	
Comment:	<p>There are several typos and inconsistencies in the test case numbering:</p> <ul style="list-style-type: none"> <li>- New test cases used 4 digits, e.g. PRSE-0024 whereas the v1.1 test cases use 3 digits, e.g. PRSE-001</li> <li>- Test case SAP-xxxx should be assigned a number.</li> <li>- IMPS-1.2-int-PRSE-003 was in the previous ETS but has now been omitted for the new version</li> </ul>
Recommendation:	-

### 5.2.3.3 CSP Specification Issues

No CSP specification issues reported to the Trusted Zone.

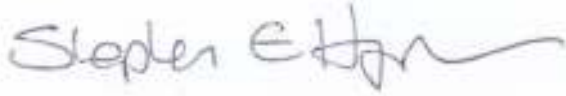
### 5.2.3.4 CSP General Feedback

<b>Observation: 014</b>	
Comment:	<p>It was suggested that the methodology of running all Client-A/Client-B test cases for one client, then reversing the roles of the clients increases the time it takes to test. It was commented that it may be more efficient if Client-A/Client-B test cases were executed sequentially, swapping roles for each test. This is because both clients meet the initial conditions for the test and do not have to re-create the initial conditions after role reversal.</p>
Recommendation:	-

<b>Observation: 015</b>	
Comment:	<p>It was suggested that IMPS IOP SWG improve the IMPS Guidelines to contain a recommended sequence for executing the test cases. For example, in the IMSE test cases, IMSE-009 and IMSE-001 can be executed sequentially to improve the testing efficiency.</p>
Recommendation:	Further suggestions should be collected from TestFest participants to improve testing.

## 6. Confirmation

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

A handwritten signature in black ink that reads "Stephen Higgins". The signature is written in a cursive style with a long, sweeping tail.

---

Stephen Higgins - Trusted Zone

## Appendix A. Change History (Informative)

Type of Change	Date	Section	Description