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S.R. CWA 16971:2015

Global eBusiness Interoperability Test Bed (GITB) Phase 3: Implementation Specifications and Proof-of-Concept

S.R. CWA 16971:2015

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National Foreword

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WORKSHOP

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AGREEMENT

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English version

Global eBusiness Interoperability Test Bed (GITB) Phase 3: Implementation Specifications and Proof-of-Concept

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Contents

Contents	2
European foreword	9
1 Executive Overview	10
2 Definitions and Abbreviations	15
2.1 Definitions	15
2.1.1 eBusiness Specifications (→ see Section 3)	15
2.1.2 Testing Purposes and Requirements (→ see Section 3.4)	15
2.1.3 Testing Roles (→ see Section 4)	16
2.1.4 Testing Framework and Architecture (→ see Section 3.4)	16
2.2 Abbreviations	19
Part I: Motivation for eBusiness Testing and Overview of GITB Testing Framework	20
3 Motivation	20
3.1 Testing as a Key Prerequisite to eBusiness Interoperability	20
3.2 Stakeholders and their Interests in eBusiness Testing	20
3.3 Categories of eBusiness Specifications	22
3.4 eBusiness Testing	23
3.4.1 Conformance and Interoperability Testing.....	23
3.4.2 Testing Context and Stakeholders	24
3.5 Benefits of a Global eBusiness Interoperability Test Bed	25
4 GITB Principles and Testing Framework	26
4.1 Objectives and Principles	26
4.2 Synthesis of GITB Testing Framework	27
4.3 Roles within the Testing Framework	27
4.4 GITB Methodology	28
4.4.1 Using Test Assertions.....	28
4.4.2 Standalone Document Validation	28
4.4.3 SUT-Interactive Conformance Testing	29
4.4.4 Interoperability Testing.....	29
4.4.5 Proposed Testing Practices for SUTs.....	30
4.5 GITB Architecture	31
Part II: Core Test Bed Implementation Specifications and Proof-of-Concept	34
5 Overview of Core Test Bed Implementation Specifications	34
5.1 Relevant Core Test Bed Service Specifications and Artifacts	34
5.2 GITB Namespaces and Common Element Definitions	35
5.2.1 XML Schema for Common Elements.....	38
6 Test Presentation Language (TPL)	41
6.1 Abstract Model	41
6.2 Test Step Identification	43
6.3 XML Schema for TPL	44
7 Test Reporting Format	46

7.1	Abstract Model	46
7.1.1	XML Schema for Test Reporting Format.....	48
8	GITB Test Service Specifications	50
8.1	Content Validation Service	50
8.1.1	Service Overview.....	50
8.1.2	Abstract Service Description.....	50
8.1.2.1	ValidationClient Requests Module Definition.....	50
8.1.2.2	Validation.....	51
8.1.3	Web Service Description (WSDL).....	51
8.1.4	XML Schema for Request/Response Messages.....	52
8.2	Messaging (Simulation) Service	52
8.2.1	Service Overview.....	52
8.2.2	Abstract Service Description.....	54
8.2.2.1	Requesting Module Definition (GetModuleDefinition).....	54
8.2.2.2	Initiating the Session (Initiate).....	54
8.2.2.3	Initiating a Transaction (BeginTransaction).....	54
8.2.2.4	Commanding Messaging Service to Send a Message (Send).....	54
8.2.2.5	Notification of the Client for Received or Proxied Messages (NotifyForMessage callback).....	55
8.2.2.6	Closing the Transaction (EndTransaction).....	55
8.2.2.7	Closing the Session (Finalize).....	55
8.2.3	Web Service Description (WSDL) for Messaging Service (Service Provider).....	55
8.2.4	Web Service Description (WSDL) for Messaging Service Client (Service Consumer).....	57
8.2.5	XML Schema for Request/Response Messages.....	58
8.3	Test Bed Service	59
8.3.1	Service Overview.....	59
8.3.2	Abstract Service Description.....	61
8.3.2.1	Requesting Test Case Definition (GetTestcaseDefinition).....	61
8.3.2.2	Initiating Test Process (Initiate).....	61
8.3.2.3	Requesting Actor Definition (GetActorDefinition).....	61
8.3.2.4	Configure Test Execution (Configure).....	61
8.3.2.5	Initiate Preliminary Phase (InitiatePreliminary).....	61
8.3.2.6	Providing User Input for Execution (ProvideInput).....	62
8.3.2.7	Starting the Execution Phase (Start).....	62
8.3.2.8	Status Updates for Testcase Execution (UpdateStatus callback).....	62
8.3.2.9	User Interaction During Execution (InteractWithUsers callback).....	62
8.3.2.10	Stopping the Execution (Stop).....	62
8.3.2.11	Restarting the Execution Phase (Restart).....	63
8.3.3	Web Service Description (WSDL) for Testbed Service (Service Provider).....	63
8.3.4	Web Service Description (WSDL) for Testbed Service Client (Service Consumer).....	66
8.3.5	XML Schema for Request/Response Messages.....	67
9	GITB Test Description Language (TDL)	69
9.1	GITB Test Bed Concepts and Interfaces	69
9.1.1	Basic Concepts.....	69
9.1.2	Type System and Expressions.....	69
9.1.3	Modularity for Specific Functionalities.....	70
9.2	Test Suite Definition	72
9.3	Test Case Definition	72
9.3.1	Namespace Declarations.....	73
9.3.2	Importing External Test Modules and Artifacts.....	73
9.3.3	Defining the Actors and Roles in the Test Case.....	74
9.3.4	Defining the Variables.....	74
9.3.5	Preliminary Phase for the Execution.....	74
9.3.6	Test Steps and Commands.....	75

CWA 16971:2015

9.3.7	Messaging Steps	76
9.3.8	Validation Step	77
9.3.9	User Interaction During Execution	78
9.3.10	Interim Computations.....	78
9.3.11	Test Flow Steps.....	78
9.3.12	Modular Test Scripting	79
9.3.13	Expressions and Bindings.....	79
9.4	XML Schema for TDL.....	80
10	GITB Proof of Concept (PoC) Test Bed Implementation	85
10.1	Software Architecture	85
10.1.1	GITB Testbed	86
10.1.2	GITB Testbed Modules.....	87
10.1.2.1	The Central Part of the GITB Testbed: gitb-core.....	87
10.1.3	GITB Execution Interface.....	104
10.1.3.1	How to Use the GITB POC Interface	104
10.1.3.2	REST API	110
10.2	Case Studies with POC Test Bed	111
10.2.1	UBL Use Case - Conformance Tests for PEPPOL BIS4A Specification	111
10.2.1.1	Test Suite Definition.....	111
10.2.1.2	Development of the Necessary Messaging Handlers	112
10.2.1.3	Definition of Test Artifacts.....	112
10.2.2	Using a GITB Compliant Validation Service Within A Test Case (here: Validex)	115
10.2.2.1	How to Integrate.....	115
10.2.2.2	Definition of the Test Case	116
11	GITB Compliance.....	117
11.1	GITB Compliance Levels.....	117
11.2	GITB Framework Compliance	118
11.3	GITB Service Compliance	121
11.4	GITB TDL Compliance	123
Part III: GITB Test Registry and Repository (TRR) Specifications and Prototype		124
12	GITB Test Registry and Repository (TRR) Specifications.....	124
12.1	Role of TRR in the GITB Architecture.....	124
12.2	User Classes and Roles	125
12.3	Basic Concepts	126
12.3.1	Testing Resources Managed by the TRR	126
12.3.2	Metadata	126
12.4	The Asset Description Metadata Schema application profile for TRR.....	127
12.4.1	Logical view of the metadata.....	128
12.4.2	Namespaces	128
12.4.3	Application Profile Classes	130
12.4.4	Application Profile Properties per Class	133
12.4.4.1	Asset	133
12.4.4.2	Asset Distribution.....	134
12.4.4.3	Test Bed.....	135
12.4.4.4	Test Capability Component	135
12.4.4.5	Test Logic Artifact	135
12.4.4.6	Test Suite.....	135
12.4.4.7	Test Case	136
12.4.4.8	Payload File.....	136
12.4.4.9	Messaging Adapter	136
12.4.4.10	Document Validator	136

12.4.4.11	Specification Type	136
12.4.4.12	Identifier	136
12.4.4.13	Publisher	137
12.4.4.14	Standardization Level	137
12.4.4.15	Representation Technique	137
12.4.5	Controlled Vocabularies to be Used.....	137
12.4.5.1	Specification Type of Asset.....	138
12.4.5.2	Representation Type of Asset Distribution	138
12.4.5.3	Standardization Level of Test Logic Artifact	140
12.5	Features	140
12.5.1	Overview	140
12.5.2	Concepts.....	142
12.5.3	Search Testing Resources	142
12.5.3.1	Typical searches	143
12.5.3.2	Examples of Search Queries and Their Answer	143
12.5.4	Testing Resources management	145
12.5.5	Secondary Features.....	145
12.5.5.1	Workspace and Folders Management	145
12.5.5.2	Bulletin board	146
12.5.5.3	General administration	146
12.6	Process View	147
12.7	External Interfaces.....	149
12.7.1	User Interfaces	149
12.7.2	Software Interfaces	149
12.7.3	Communications Interfaces.....	149
13	Test Registry and Repository (TRR) Prototype Implementation	150
13.1	Joinup	150
13.2	TRR in Joinup: Functional Specification	150
13.2.1	Use Case Diagram	150
13.2.2	Actors	151
13.2.2.1	Anonymous User	151
13.2.2.2	Joinup Member	151
13.2.3	Uses Cases.....	151
13.2.3.1	Search Testing Resources within the Joinup Platform	152
13.2.3.2	View Testing Resources	152
13.2.3.3	Create & Update Testing Resources.....	154
13.2.3.4	Delete Testing Resources.....	156
13.2.4	Fields of Testing Resources	156
13.2.4.1	Reused Fields.....	157
13.2.4.2	Updated Fields	157
Part IV: GITB Application and Validation based on Use Cases from Public Procurement, e-Health and Manufacturing Industries		159
14	Applying GITB in Use Cases.....	159
14.1	Approach.....	159
14.2	Deriving Testing Requirements	160
14.2.1	Verification Scope ("What to Test?")	160
14.2.2	Operational Requirements ("In Which Environment?").....	162
14.3	Deriving Test Scenarios and Solutions	163
Part IV. 1: Public Procurement		165
15	OpenPEPPOL	165
15.1	Background and Testing Requirements	165

15.2	Verification Scope – What Should Be Tested?	166
15.2.1	Actors	166
15.2.2	Business Process	166
15.2.3	Underlying eBusiness Specifications / Standards	167
15.3	Testing Environment – How Should Be Tested?	167
15.3.1	Testing Integration in Business Environment	167
15.3.2	Testing Location	167
15.4	Test Scenario	168
15.4.1	Objectives and Success Criteria	168
15.4.2	Interaction Diagram/Choreography	168
15.4.2.1	Endpoint Lookup	168
15.4.2.2	Document Exchange	169
15.4.3	System Under Test (s)	169
15.4.4	Abstract Test Steps	169
15.5	Related Existing Test Artifacts/Tools/Services to Reuse in the Domain	170
15.5.1	Test Artifacts	170
15.5.2	Test Tools and Services	171
15.6	Related Stakeholders	171
16	eSENS	172
16.1	Background and Testing Requirements	172
16.2	Verification Scope – What Should Be Tested?	173
16.2.1	Actors and Roles	173
16.2.2	Business Process	173
16.2.3	Underlying eBusiness Specifications / Standards	174
16.3	Test Scenario	174
16.3.1	Objectives and Success Criteria	175
16.3.2	Interaction Diagram/Choreography	175
16.3.3	System Under Test (s)	175
16.3.4	Abstract Test Steps	176
16.4	Related Existing Test Artifacts/Tools/Services to Reuse in the Domain	177
16.4.1	Test Artifacts	177
16.4.2	Test Tools and Services	177
16.5	Related Stakeholders	177
17	Connecting Europe Facility (CEF)	177
17.1	Background and Testing Requirements	177
17.2	Verification Scope – What Should Be Tested?	178
17.2.1	Actors	178
17.2.2	Business Process	179
17.2.3	Underlying Standards/Specifications	179
17.3	Test Scenario	180
17.3.1	Objectives and Success Criteria	180
17.3.2	System Under Test (s)	181
17.3.3	Abstract Test Steps	181
17.4	Related Existing Test Artifacts/Tools/Services to Reuse in the Domain	181
17.4.1	Test Artifacts	182
17.4.2	Test Tools and Services	182
17.5	Related Stakeholders	182
18	Electronic Invoicing for the National Health Service (NHS)	183
18.1	Background and Testing Requirements	183
18.2	Verification Scope – What Should Be Tested?	183

18.2.1	Actors	183
18.2.2	Business Process	183
18.2.3	Standards and Specifications	183
18.3	Testing Environment – How Should Be Tested?.....	184
18.3.1	Testing Integration in Business Environment.....	184
18.3.2	Testing Location.....	184
18.4	Test Scenario	184
18.4.1	Objectives.....	184
18.4.2	System under Test (s).....	185
18.4.3	Abstract Test Steps.....	187
18.4.3.1	Interoperability Testing.....	187
18.4.3.2	Interoperability and Conformance Test Cases for 3 Document Types.....	188
18.4.3.3	SML and SMP Test Cases.....	191
18.5	Existing Test Artifacts/Tools/Services to Reuse in the Domain	193
18.6	Stakeholders.....	193
Part IV. 2: e-Health	194	
19 Clinical Document Architecture (CDA)	194	
19.1 Background and Testing Requirements	194	
19.2 Verification Scope – What Should be Tested?.....	194	
19.2.1	Parties/Actors	195
19.3 Underlying eBusiness Specifications / Standards.....	196	
19.4 Testing Scenarios	196	
19.4.1	Objectives and Success Criteria.....	196
19.4.2	System Under Test (s).....	196
19.4.3	Abstract Test Steps.....	197
19.4.3.1	Testing the content creator	197
19.4.3.2	Testing the content consumer	197
19.5 Related Existing Test Artifacts/Tools/Services to Reuse in the Domain.....	197	
19.6 Related Stakeholders	197	
19.7 Re-usability of Test artifacts/Tools/Services for GITB3	198	
20 IHE – Cross-Enterprise Document Sharing (XDS).....	199	
20.1 Background and Testing Requirements	199	
20.2 Verification Scope – What to Test?.....	199	
20.3 Actors	199	
20.3.1	Interaction Diagram/Choreography.....	200
20.3.2	Underlying eBusiness Specifications / Standards	200
20.4 Details/Requirements of Test Scenario.....	201	
20.4.1	Objectives and Success Criteria.....	201
20.4.2	System(s) Under Test	201
20.4.3	Abstract Test Steps.....	201
20.4.3.1	Testing the Document Source.....	201
20.4.3.2	Testing the Document Consumer	202
20.4.3.3	Testing the Document Repository.....	202
20.4.3.4	Testing the Document Registry	202
20.5 Related Existing Test Artifacts/Tools/Services to Reuse in the Domain.....	203	
20.6 Related Stakeholders	204	
20.7 Re-usability of Test Artifacts/Tools/Services for GITB3	204	
Part V: Manufacturing and Automotive.....	205	
21 Electronic Invoicing Based on EDIFACT and OFTP2	205	
21.1	Background and Testing Requirements	205

CWA 16971:2015

21.2	Verification Scope	205
21.2.1	Actors	205
21.2.2	Business Documents	205
21.2.3	Standards and Specifications	205
21.3	Test Scenario	206
21.3.1	Test Objectives / Requirements.....	206
21.3.2	System under Test (s)	207
21.3.3	Abstract Test Steps.....	207
21.3.3.1	Document Validation.....	207
21.3.3.2	Messaging Operations	209
21.4	Existing Test Artifacts/Tools/Services to Reuse in the Domain	210
21.5	Stakeholders.....	210
22	Cross-Border Transactions	211
22.1	Background and Testing Requirements	211
22.2	Verification Scope	211
22.2.1	Actors	211
22.2.2	Business Document.....	211
22.2.3	Underlying Standards and Specifications.....	211
22.3	Test Scenario	211
22.3.1	Objectives and Success Criteria.....	211
22.3.2	System under Test (s)	211
22.3.3	Test Steps	211
22.4	Existing Test Artifacts/Tools/Services to Reuse in the Domain	212
22.5	Related stakeholders	212
23	Test Bed Interoperability with Application for a Truck Manufacturer.....	213
23.1	Background and Testing Requirements	213
23.2	Verification Scope	213
23.2.1	Parties/Actors	213
23.2.2	Standards and specifications.....	213
23.3	Test Scenario	213
23.3.1	Objectives.....	213
23.3.2	System under Test (s)	213
23.3.3	Abstract Test Steps.....	213
23.3.4	Validex Integration.....	214
23.4	Application in a Truck Manufacturer Test Scenario	215
23.5	Stakeholders.....	216
	Bibliography	217

European foreword

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CWA 16971:2015

1 Executive Overview

Motivation

The work on GITB is motivated by the increasing need to support testing of eBusiness scenarios as a means to foster standards adoption, achieve better compliance to standards and greater interoperability within and across the various industry, governmental and public sectors. Without testing, it is cumbersome to reach interoperability of eBusiness implementations and to achieve conformance with standards specifications. More advanced testing methodologies and practices are needed to cope with the relevant set of standards for realizing comprehensive eBusiness scenarios (i.e. business processes and choreography, business documents, transport and communication protocols), as well as Test Beds addressing the specific requirements of multi-partner interactions.

GITB intends to increase the coordination between the manifold industry consortia and standards development organizations with the goal to increase awareness of testing in eBusiness standardization and to reduce the risk of fragmentation, duplication and conflicting eBusiness testing efforts. It thereby supports the goals of the European ICT standardization policy¹² to increase the quality, coherence and consistency of ICT standards and provide active support to the implementation of ICT standards.

Vision

The long-term objective is to establish a shared and Global eBusiness Interoperability Test Bed (GITB) infrastructure to support conformance and interoperability testing of eBusiness Specifications and their implementation by software vendors and end-users.

Objectives

The GITB project aims at

- developing the required **global Testing Framework, architecture and methodologies for state-of-the-art eBusiness Specifications and profiles** covering all layers of the interoperability stack (business processes, business documents, transport and communication);
- supporting the realization of GITB as a network of multiple Test Beds, thereby **leveraging existing and future testing capabilities from different stakeholders** (for example standards development organizations and industry consortia, Test Bed Providers, and accreditation / certification authorities);
- establishing under EU support and guidance, a **setup of a comprehensive and global eBusiness interoperability Test Bed infrastructure** in a global collaboration of European, North American and Asian partners.

GITB focuses on the architecture, methodology and guidelines for assisting in the creation, use and coordination of Test Beds. It is not intended to become an accreditation/certification authority or to impose a particular Test Bed implementation.

¹ COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE COUNCIL AND THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE A strategic vision for European standards: Moving forward to enhance and accelerate the sustainable growth of the European economy by 2020 COM(2011)311 final

² Regulation (EU) 1025/2012 on European Standardisation.

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