
CWA 17025-101:2016

 **NBN**



Business Interoperability Interfaces for Public Procurement in Europe - Architecture - Part 101: Conformance and Customization Methodology guideline

Valid from 01-06-2016

ICS: 03.100.10, 35.240.20, 35.240.60

Bureau for Standardisation
Rue Joseph II 40 PO box 6
1000 Brussels

T. +32 2 738 01 11
F. +32 2 733 42 64
info@nbn.be

BTW BE0880.857.592
IBAN BE69 6790 0009 5178
BIC Code PCHQBEBB

www.nbn.be

CEN

WORKSHOP

AGREEMENT

CWA 17025-101

May 2016

ICS 03.100.10; 35.240.20; 35.240.60

English version

Business Interoperability Interfaces for Public Procurement in Europe - Architecture - Part 101: Conformance and Customization Methodology guideline

This CEN Workshop Agreement has been drafted and approved by a Workshop of representatives of interested parties, the constitution of which is indicated in the foreword of this Workshop Agreement.

The formal process followed by the Workshop in the development of this Workshop Agreement has been endorsed by the National Members of CEN but neither the National Members of CEN nor the CEN-CENELEC Management Centre can be held accountable for the technical content of this CEN Workshop Agreement or possible conflicts with standards or legislation.

This CEN Workshop Agreement can in no way be held as being an official standard developed by CEN and its Members.

This CEN Workshop Agreement is publicly available as a reference document from the CEN Members National Standard Bodies.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

European foreword.....	3
Introduction.....	7
1 Scope.....	7
2 Conformance.....	7
2.1 Document Instance Conformance	7
2.2 System Capability Conformance.....	8
3 Customization.....	8
3.1 Reasons for Customization	9
3.2 Types of Customization.....	9
3.3 Identifying a Customization.....	10
3.4 Methodology to create a Customization	10
4 Cross Customization Interoperability	11
5 Template for Customization Specification (Informative)	14
5.1 Introduction	15
5.1.1 Document purpose	15
5.1.2 Scope.....	15
5.1.3 Authority	15
5.1.4 Requirements.....	15
5.1.5 Methodology.....	15
5.1.6 Sources.....	15
5.1.7 Business requirements	15
5.1.8 Solutions used	15
5.1.9 Specifications	15
5.1.10 Relevant specifications	15
5.2 Customization requirements.....	15
5.2.1 Matching the requirements	15
5.2.2 Unsupported requirements.....	15
5.2.3 Customization rules, data elements or constraints	16
5.3 Solutions used	16
5.3.1 Specifications	16
5.4 Customization specification.....	16
5.4.1 Matching the requirements	17
5.4.2 Unsupported requirements.....	17
5.4.3 Customization specification.....	17
5.5 Technical artefacts	17
6 Conformance Statements (Informative)	18

European foreword

CWA 17025-101, **Conformance and Customization Methodology guideline** was developed in accordance with CEN-CENELEC Guide 29 “CEN/CENELEC Workshop Agreements – The way to rapid agreement” and with the relevant provisions of CEN/CENELEC Internal Regulations - Part 2. It was agreed on 2015-12-02 in a Workshop by representatives of interested parties, approved and supported by CEN following a public call for participation made on 2013-02-20. It does not necessarily reflect the views of all stakeholders that might have an interest in its subject matter.

The final text of CWA 17025 was submitted to CEN for publication on 2016-04-20. It was developed and approved by:

- Agency for public Management and eGovernment (DIFI), NO
- Agenzia delle entrate, IT
- ANAC, Autorità Nazionale Anticorruzione (formerly AVCP), IT
- Bundesverband Materialwirtschaft, Einkauf und Logistik e.V, DE
- Cludia Oy, FI
- Columbus Denmark A/S (resigned per 2015-08-01), DK
- Consorzio CBI (resigned per 2014-11-17), IT
- Danish Agency for Digitisation (DIGST), DK
- Department of Health, UK
- Direction de l'information légale et administrative (DILA), FR
- Electronic Signatures and Infrastructures (ESI) TC (liason)
- Flowcanto, NL
- GS 1 in Europe
- Highjump Software (Former Evenex), DK
- ICEPRO, ISA
- Infoterm - International Information Centre for Terminology on behalf of CEN/WS/eCAT (liason)
- Invinet Sistemas 2003, ES
- Laszlo Ketszeri, HU
- Nets Norway AS, NO
- Nexus IT,ES
- Phast, FR

CWA 17025-101:2016 (E)

- PIANOo, NL
- Poste Italiane, IT
- Publications Office of the European Union (LU)
- Single face To Industry (SFTI), SE
- SOGEI (former Consip), IT
- Statens og Kommunernes Indkops Service A/S (SKI A/S), DK
- University of Koblenz-Landau, DE
- University of Piraeus Research Center (UPRC), GR
- Western Norway Regional Health Authority, NO

It is possible that some elements of CWA 17025 may be subject to patent rights. The CEN-CENELEC policy on patent rights is set out in CEN-CENELEC Guide 8 “Guidelines for Implementation of the Common IPR Policy on Patents (and other statutory intellectual property rights based on inventions)”. CEN shall not be held responsible for identifying any or all such patent rights.

The Workshop participants have made every effort to ensure the reliability and accuracy of the technical and non-technical content of CWA 17025, but this does not guarantee, either explicitly or implicitly, its correctness. Users of CWA 17025 should be aware that neither the Workshop participants, nor CEN can be held liable for damages or losses of any kind whatsoever which may arise from its application. Users of CWA 17025 do so on their own responsibility and at their own risk.

This CEN Workshop Agreement (CWA) has been drafted and approved by the Workshop on **Business Interoperability Interfaces for Public procurement in Europe (BII)**, phase 3.

CWA 17025 is part of a set of CWAs prepared by CEN WS/BII 3¹:

CWA 17025:2016 Methodology and Architecture
 CWA 17026:2016 Notification profiles and transactions
 CWA 17027:2016 Tendering profiles and transactions
 CWA 17028:2016 Catalogue profiles and transactions
 CWA 17029:2016 Post-award profiles and transactions

CWA 17025 part 101 replaces CWA 16558:2012 – Annex C BII Guideline Conformance and Customizations.

CWA 17025 consists of:

- CWA 17025-1: Overview and Architecture
- CWA 17025-101: Conformance and Customization Methodology guideline

¹ In order to ease the reading the CWAs provided by the CEN BII initiative, they are also made available on <http://www.cenbii.eu> together with explanatory notes and supporting material. The official version is however the version as published by CEN.

- CWA 17025-102: Code List and Identifier Management specification
- CWA 17025-103: Business Document and Envelope guideline
- CWA 17025-104: Profile Architecture specification
- CWA 17025-105: Conformance Registry specification
- CWA 17025-106: Open Procurement Data report
- CWA 17025-107: Message Level Response guideline
- CWA 17025-108: Use of Digital Signature and Other Trust Services
- CWA 17025-109: Guideline on the Concept of Core
- CWA 17025-110: Profile Maintenance Process specification
- CWA 17025-111: Capturing Business Requirements specification
- CWA 17025-112: Syntax Implementations Guideline Methodology guideline
- CWA 17025-113: Business Rules Description Mechanism guideline
- CWA 17025-114: Attachments Handling guideline
- CWA 17025-115: Semantic Data Type guideline
- CWA 17025-116: Glossary and Business Term Vocabulary
- CWA 17025-203: BDE Syntax Implementation Guideline for Messaging Envelope
- CWA 17025-207: UBL Syntax Implementation Guideline for Message Level Response

A detailed overview of all CWA 17025 parts can be found in CWA 17025 part 1.

The CEN Workshop members who have contributed to the development of this document are:

Name	Affiliation	Country
Jaap Van Der Marel	NEN	NL
Kornelis Drijfhout	PIANOo	NL
Chander Khoenkhoen	PIANOo	NL
Veit Jahns	BME and University of Duisburg-Essen	DE
Frank-Dieter Dorloff	BME and University of Duisburg-Essen	DE
Kerstin Wiss-Holmdahl	SFTI/SALAR	SE
Martin Forsberg	SFTI	SE
Jorg Richter	GEFEG	DE
Giovanni Paolo Sellitto	ANAC	IT
Rafaella Migliorini	SOGEI	IT
Antonia Caressa	Poste Italiane	IT
Andrea Caccia	DTCE	IT
Michael Dill	GEFEG	DE
Cécile Guasch	DIGIT - European Commission	BE
Marius Juganaru	DIGIT - European Commission	BE
Thomas Small	CEF - European Commission	BE
Ole Madsen	DIGST	DK
Bergthor Skulasson	NITA	IS
Jan Maeroe	Difi	NO
Jens Aabol	Difi	NO
Tim McGrath	Document Engineering Services Ltd	AU
Isabella Rapisarda	Consip	IT
Natalie Muric	The Publications Office of the European Union	LU
Siw Meckelborg	Difi	NO
Peter Borresen	Clearview Trade	DK
Sven Rasmussen	DIGST	DK
Tadeusz Rudnicki	GS1 in Europe	PL
Douglas Hill	GS1 in Europe	DK
Tomas Tluchor	GS1 in Europe	CZ
Laszlo Ketszeri	KELER	HU

CWA 17025-101:2016 (E)

This document was edited by:

Name	Role	Country
Oriol Bausa	Technical Editor	ES
Georg Birgisson	Technical Editor	IS
Jostein Frømyr	Vice-Chair CEN/BII	NO
Fred van Blommestein	Technical Editor	NL
Yildiray Kabak	Technical Editor	TR
Edmund Gray	Technical Editor	EI
Carmen Ciciello	Technical Editor	IT

Introduction

The first CEN BII Workshop was established in May 2007 with the objective of harmonising electronic procurement in Europe. The CEN BII initiative, which now comprises a further two CEN Workshops, is a standardisation activity within CEN (European Committee for Standardisation). It provides a framework for interoperability in pan-European electronic transactions expressed as a set of technical specifications.

During the second phase of the initiative (CEN WS/BII 2) a set of technical specifications – “CEN BII Profiles” – were documented and published as five CEN Workshop Agreements (CWAs), which are currently used across Europe. The profiles are designed to facilitate effective public e-procurement based on a modular approach for implementation, with a focus on global interoperability.

The CEN BII profiles can be seen as “agreements” on message contents and business processes. The profile descriptions focus on core information elements that typically cater to the majority of user requirements applicable across Europe and lower the need for detailed bilateral agreements between the trading partners.

In its third phase (CEN WS/BII 3), which began in March 2013 with the approval of the business plan, the Workshop has focused on ensuring that all relevant aspects of e-procurement are covered, including additional business requirements coming from the new Public Procurement Directives and alignment to other standardization efforts in the area of electronic invoicing, as well as ensuring wider recognition and adoption of its deliverables.

More information about the CEN BII initiative can be found on www.cenbii.eu.

1 Scope

The scope of this document is to define the conformance principles to BII specifications and to describe the methodology that shall be used to create customizations in order to allow flexibility to user communities while preserving interoperability among them to the greatest possible extent.

However, when dealing with e-Invoicing, customizations must retain full conformance with the EN as will be defined by CEN PC 434. This means they cannot include any restrictions or extensions which will mean they cannot be interoperable with any of the syntaxes produced from the EN.

2 Conformance

2.1 Document Instance Conformance

Conformance to a BII transaction is measured at document instance level taking into account the Information Requirement Model, the Business Rules and the Syntax Binding. Regardless the system or user community that has generated a document instance, and the identifiers it carries as part of its data, a document instance is a:

- a) Strictly Conformant Instance

A Strictly Conformant Instance to a BII transaction has the following characteristics: