

---

**CWA 17025-207:2016**

 **NBN**



---

**Business Interoperability Interfaces for Public Procurement in Europe - Architecture - Part 207: UBL Syntax Implementation Guideline for Message Level Response**

---

Valid from 02-06-2016

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](http://www.nbn.be)



# CEN

## WORKSHOP

### AGREEMENT

# CWA 17025-207

May 2016

---

ICS 03.100.10; 35.240.20; 35.240.60

English version

## Business Interoperability Interfaces for Public Procurement in Europe - Architecture - Part 207: UBL Syntax Implementation Guideline for Message Level Response

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**

<b>Contents</b>		<b>Page</b>
European foreword .....		3
Introduction .....		7
<b>1</b>	<b>Scope .....</b>	<b>8</b>
<b>2</b>	<b>Common Code Lists .....</b>	<b>8</b>
<b>2.1</b>	<b>Code Lists for Common Coded Elements .....</b>	<b>8</b>
<b>2.2</b>	<b>Code Lists for Identifier Schemes .....</b>	<b>8</b>
<b>3</b>	<b>Document structure and information content .....</b>	<b>9</b>
<b>4</b>	<b>Requirement Model to UBL mapping .....</b>	<b>11</b>

## European foreword

CWA 17025-207, **UBL Syntax Implementation Guideline for Message Level Response** 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
- Cloudia 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 17025-207:2016 (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 3<sup>1</sup>:

- 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 consists of:

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

<sup>1</sup> 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 17025-111 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 17025-207:2016 (E)**

This document was edited by:

<b>Name</b>	<b>Role</b>	<b>Country</b>
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](http://www.cenbii.eu).

The purpose of this guideline is to describe the implementation of the CEN BII Message Level Response (CWA17025 Part 107) using the OASIS UBL syntax.

**CWA 17025-207:2016 (E)****1 Scope**

The scope here is to show how to use UBL syntax to support the CEN BII Message Level Response requirements. The main function is to provide the syntax mappings from the UBL syntax to the CEN BII Message Level Response model.

**2 Common Code Lists****2.1 Code Lists for Common Coded Elements**

Table below is used for listing the code lists used in the coded elements of this transaction. The XPath points to the actual elements constrained by the code lists identified with the listID.

<b>Business Term</b>	<b>Source</b>	<b>Subset</b>	<b>Xpath</b>	<b>listID</b>
Document Type Code	UNCL1001	-	ApplicationResponse/cac:DocumentResponse/cac:DocumentReference/cbc:DocumentTypeCode	

**2.2 Code Lists for Identifier Schemes**

<b>Business Term</b>	<b>SchemeID</b>	<b>Xpath</b>	<b>Note</b>
Sending Party		ApplicationResponse/cac:SenderParty/cac:PartyIdentification	Any Scheme from iso6523-actorid-upis
Receiving Party		ApplicationResponse/cac:ReceiverParty/cac:PartyIdentification	Any Scheme from iso6523-actorid-upis