



NSAI
Standards

Irish Standard Recommendation
S.R. CWA 17029-401:2016

Business Interoperability Interfaces for Public Procurement in Europe - Post Award - Part 401: Guideline on Procurement With Aligned Master Data

S.R. CWA 17029-401:2016

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.

This document is based on:

CWA 17029-401:2016

Published:

2016-06-15

This document was published under the authority of the NSAI and comes into effect on:

2016-07-04

ICS number:

03.100.10

35.240.20

35.240.60

NOTE: If blank see CEN/CENELEC cover page

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

National Foreword

S.R. CWA 17029-401:2016 is the adopted Irish version of the European Document CWA 17029-401:2016, Business Interoperability Interfaces for Public Procurement in Europe - Post Award - Part 401: Guideline on Procurement With Aligned Master Data

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with this document does not of itself confer immunity from legal obligations.

In line with international standards practice the decimal point is shown as a comma (,) throughout this document.

This page is intentionally left blank

CEN

CWA 17029-401

WORKSHOP

June 2016

AGREEMENT

ICS 03.100.10; 35.240.20; 35.240.60

English version

Business Interoperability Interfaces for Public Procurement in Europe - Post Award - Part 401: Guideline on Procurement With Aligned Master Data

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
1 Scope	8
1.1 Introduction	8
1.2 Goals	8
1.3 Scope	8
2 Concept explanation	9
2.1 Types of data	9
2.1.1 Master data definition.....	9
2.1.2 Transactional data	9
2.2 Master data approach.....	9
2.2.1 Basic principles	9
2.2.2 Benefits of master data approach	11
3 High Level Requirements.....	12
4 How to get started with master data: Pre-requisites.....	12
4.1 Recommendations for applying master data approach in BII	13
5 References.....	14
6 Annex 1: Annotated information requirement models	15
6.1 Annotated information requirement model for Order	16
6.2 Annotated information requirement model for Despatch Advice.....	27
6.3 Annotated information requirement model for Invoice	32

European foreword

CWA 17029-401 **Guideline on Procurement With Aligned Master Data** 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 17029 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 17029-401:2016

- PIANOo, NL
- Poste Italiane, IT
- 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 17029 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 17029, but this does not guarantee, either explicitly or implicitly, its correctness. Users of CWA 17029 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 – CEN WS/BII 3.

CWA 17029 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 17029 consists of the following Parts:

- CWA 17029-001 Overview
- CWA 17029-101 Profile BII03 Order Only
- CWA 17029-102 Profile BII04 Invoice Only
- CWA 17029-103 Profile BII05 Billing
- CWA 17029-104 Profile BII06 Procurement
- CWA 17029-110 Profile BII18 Punch Out
- CWA 17029-113 Profile BII21 Statement
- CWA 17029-119 Profile BII21 Ordering
- CWA 17029-120 Profile BII29 Receipt Advice
- CWA 17029-121 Profile BII30 Despatch Only
- CWA 17029-123 Profile BII32 Simple Ordering
- CWA 17029-201 UBL Syntax Implementation Guideline for Trdm001 Order
- CWA 17029-202 UBL Syntax Implementation Guideline for Trdm002 Simple Order Response
- CWA 17029-205 UBL Syntax Implementation Guideline for Trdm010 Invoice

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 17029-206 UBL Syntax Implementation Guideline for Trdm012 Receipt Advice
CWA 17029-207 UBL Syntax Implementation Guideline for Trdm010 Credit Note
CWA 17029-208 UBL Syntax Implementation Guideline for Trdm016 Despatch Advice
CWA 17029 210 UBL Syntax Implementation Guideline for Trdm026 Statement
CWA 17029-211 UBL Syntax Implementation Guideline for Trdm076 Order Response
CWA 17029-212 UBL Syntax Implementation Guideline for Trdm077 Catalogue
CWA 17029-213 UBL Syntax Implementation Guideline for Trdm110 Order Agreement
CWA 17029-301 UN/CEFACT Syntax Implementation Guideline for Trdm001 Order
CWA 17029-302 UN/CEFACT Syntax Implementation Guideline for Trdm002 Simple Order
Response
CWA 17029-305 UN/CEFACT Syntax Implementation Guideline for Trdm010 Invoice
CWA 17029-307 UN/CEFACT Syntax Implementation Guideline for Trdm014 Credit Note
CWA 17029-308 UN/CEFACT Syntax Implementation Guideline for Trdm016 Despatch Advice
CWA 17029-311 UN/CEFACT Syntax Implementation Guideline for Trdm076 Order Response
CWA 17029-312 CEFACT Syntax Implementation Guideline for Trdm077 Catalogue
CWA 17029-313 UN/CEFACT Syntax Implementation Guideline for Trdm110 Order Agreement
CWA 17029-401 Guideline on Procurement With Aligned Master Data
CWA 17029-402 Guideline on Simplified Invoicing
CWA 17029-403 Guideline on Payment Initiation and Reconciliation
CWA 17029-404 Guideline on Pre-payments
CWA 17029-405 Guideline on Initiating the Procurement and Invoice Process with Accounting

CWA 17029-401:2016

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

Name	Affiliation	Country
Martin Forsberg	SFTI	SE
Fred van Blommenstein	Flowcanto	NL
Jostein Frømyr	DIFI/Edisys	NO
Douglas Hill	GS1 in Europe	DK
Sven Rasmussen	DIGST	DK
Ole Madsen	DIGST	DK
Gerardo De Caro	Agenzia Delle Entrate (Italian Tax Agency)	IT
Antonia Caressa	Poste Italiane	IT
Raffaella Migliorini	SOGEI	IT
Tadeusz Rudnicki	GS1/ILIM	PL
Toruk Kraska	GS1/ILIM	PL
Jan Bo Sorensen	High Jump	DK
Oriol Bausa Peris	Invinet	ES
Enric Staromiejski	Everis	ES
Jan Mærøe	DIFI	NO
Frank-Dieter Dorloff	BME and University of Duisburg-Essen	DE
Cecille Guasch	European Commission	BE
Marius Juganaru	European Commission	BE
Olav Kristiansen	Difi	NO
Søren Pedersen	ESV	SE
Anders Kingstedt	ESV/OpenPEPPOL	SE
Nicoletta Lippi	SOGEI	IT
Georg Birgisson	Midran ehf	IS
Edmund Gray		IR
Yildiray Kabak	SRDC	TR
Natascha Rossner	GS1 in Europe	FR
Thomas Pendrup	Evenex	DK
Morten Gjestad	Nets	NO
Siw Midtgård Meckelborg	Edisys	NO
Erik Gustavsen	Edisys	NO
Ivana Gargiulo	CBI	IT
Giovanni Paolo Sellitto	ANAC	IT
Veit Jahns	BME and University of Duisburg-Essen	DE
Massimo Battistella	AITI	IT
Tomas Tluchor	GS1 in Europe	CZ
Chiara Lombardo	Tesoro	IT
Fabio Jorrentino	CBI	IT
Cristian Falasca	CBI	IT
Thomas Pettersson	SFTI	SE
Roberto Corona	Ministry for the Economy and Finance	IT
Thomas Small	European Commission	BE
Peter Boressen	Clearview Trade	DK
Elisa Bertocchi	Intercenter	IT
Tim McGrath	OASIS UBL TC	AU
Soren Lennartsson	SFTI	SE
Laszlo Ketszesi	LKP	HU
Peter Bove	SKI	SE
Marius Juganaru	European Comission	BE
Jörg Richter	Gefeg	DE

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

CWA 17029-401:2016

1 Scope

1.1 Introduction

The purpose of this guideline is to provide guidance on how to apply a master data approach when using CEN BII conformant document instances. A general assumption is that elements considered to be master data can be omitted from transactional messages provided they are aligned prior to the first exchange of transactional messages. This guideline facilitates a master data approach when using BII conformant document instances in electronic business transactions.

The main component of this guideline is a set of Information Requirement Models for selected message profiles. These models are annotated for use in a master data context and provide guidance on business term usage. They are provided in the Annex 1 and also in html format. This document only explains a master data approach and illustrates how to apply the semantics in the models in this context.

Applying a master data approach is associated with significant benefits. Omitting master data from transactional messages facilitates higher level of automation, eliminates data redundancy and improves data quality by creating one source of validated data. Many leading businesses use this approach for electronic data interchange particularly by retailers, suppliers and in healthcare.

1.2 Goals

Main goals of this guideline are listed in Figure 1.

Figure 1: Goals

Goal Identifier	Goal Statement
G-MD-001	Help organizations that use master data approach to use it in BII conformant document instances whilst respecting BII mandatory data elements.
G-MD-002	Support the process of business term selection during BII data models customization by respective organizations.
G-MD-003	Enrich CEN BII profiles with the guide that could be used to improve quality of exchanged data and increase efficiency of communication and processes through, for example, order invoice automatic matching and processing.
G-MD-004	Explain the master data approach, its “best of breed” credentials and the benefits which can be realised. Also, facilitate master data implementation for organizations that may consider starting to use this approach.

1.3 Scope

This guideline provides guidance on how to apply master data approach when using three of CWA 17029 Post-Award transactions:

- BiiTrdm001 Order
- BiiTrdm010 Invoice
- BiiTrdm016 Despatch Advice

For each of these transactions, the activity created guidance on the Information Requirement Model. The guidance offers an explanation on how to apply a business term in a master data context.

Whether an element can be omitted or not also depends on the legal environment. It is not the purpose of this guideline to provide an overview of all legal requirements influencing business term selection as these requirements are often different from country to country.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-