

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

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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:

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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

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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.