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Business Interoperability Interfaces for Public Procurement in Europe - Post Award - Part 110: Profile BII18 Punch Out

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European foreword

CWA 17029-110, **Profile BII18 Punch Out** 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.

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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

This profile describes a process where the buyer accesses the supplier's web-based catalogue, and adds and/or configure items (such as a PC) to a product or service list. The product or service list is the shopping cart transaction. The product- or service lists are sent to the buyer's procurement system (real time), and can later be used as a basis for an order or an item comparison in the buyer's catalogue tool. The order is prepared and sent from the customer's procurement system, not from the supplier's website. This document identifies, explains and justifies the business requirements for the Punch Out-process.

The intention of this profile is the synchronization of the Punch Out catalogue information between the selling and the buying side in a business relationship, where the selling side is the source of the information and the buying side the receiver. In this profile, the selling side can be any Economic Operator and the buying side any Contracting Authority. The intended scope for this profile includes business-to-government (B2G) and business-to-business (B2B) relationships. Although this profile is a basis for an EDI agreement between two parties, it does not address all business level details of such an agreement. It is the sellers' responsibility that data contained in the shopping cart transaction is valid from a technical, as well as a business point of view.

The transaction, specified in this profile are intended to be exchanged between the procurement systems of contracting authorities and systems for shopping cart transactions of economic operators. The login- and logout transactions are outside scope of this profile, and it should be noted that the login transaction may contain business information such as user id or contract id.

In this profile, synchronization of shopping cart transaction information covers the submission of new information, no update or deletion of information is covered by this profile. In case of an update/change, the buyer will simply generate a new product- or service list by repeating the process.

The order transaction is outside scope of this profile, we then refer to profiles BII03 Order Only, BII27 Advanced Ordering, BII28 Ordering or BII32 Simple Ordering.

The identifier for this profile is: urn:www.cenbii.eu:profile:bii18:ver1.0

1.1.1 Prerequisites

The following are prerequisites for this profile:

- 1) There exists an EDI agreement between the Economic Operator and the Contracting Authority
- 2) The name for the supplier, as well as the link for punch out must be present in the buyer's procurement system.
- 3) The procurement system must be able to send login- and logout requests to the supplier punch out enabled website, according to terms specified by the supplier.

1.2 Goals

The main business benefits to be gained by implementing this profile are:

ID	Description
G18-001	This profile enables quick and easy comparison of different products/services, from different suppliers, in the customer's procurement system or catalogue tool.
G18-002	The profile enables customers to receive real time information on the products/services, resulting in correct and up to date information, such as price and availability.

G18-003	The effort to distribute catalogue information can be substantially reduced for suppliers with large catalogues.
G18-004	This profile enables the customer to use their normal ordering approval procedure.
G18-005	The profile enables customers to configure their own products (i.e. pcs or chemical products) on the supplier's website, and receive product-/service and price information back to their own system.
G18-006	Improved order accuracy by ensuring high data quality in the procurement system of the customer.
G18-007	Personalize shopping experience - the suppliers' product/services can be presented with photos, customized promotions and recommended accessories
G18-008	This profile enables the buyer to use their catalogue tool with up-date information transferred from the sellers system.

2 Requirements

Based on the goals and scope of this profile, the following set of High level requirements are found. Each requirement is connected to a goal. In paragraph 3.2 a set of key examples is also provided.

Req. ID	Requirement statement	Ref. to goal
BR-18-001	The shopping cart transaction should be regarded as the seller's standing offer, and the Seller is thereby obligated to supply the items according to the terms identified in the shopping cart transaction.	G-18-002
BR-18-002	The shopping cart transaction must contain real time information	G-18-002
BR-18-003	The shopping cart transaction must contain sufficient information to enable the buyer to place an order based on the information. Examples being quantity, price, units and sellers item identification.	G-18-004 & G-18-006
BR-18-004	It must be possible to compare information in the shopping cart transaction with that of a static catalogue.	G-18-001
BR-18-005	The shopping cart transaction includes only items added to cart by the buyer.	G-18-003
BR-18-006	The transaction must contain information to identify configured items	G-18-005
BR-18-007	It must be possible to identify the transaction, and ensure it is authentic.	G-18-002
BR-18-008	It should be possible to reference the shopping cart transaction to a single framework agreement, DPS agreement or any other contract or agreement.	G-18-001
BR-18-009	"The party exchanging the shopping cart must be specified.	G-18-008

2.1 Key examples

The following examples are detailed descriptions of the most common scenarios that are envisaged for this profile, depending on the legal requirements and contractual obligations that apply in the particular use case.