



SLOVENSKI STANDARD

SIST-TS CEN/TS 17011-1:2026

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Elektronska javna naročila - Arhitektura - 1. del: Pregled referenčne arhitekture

Electronic Public Procurement - Architecture - Part 1: Reference Architecture Overview

Elektronische öffentliche Auftragsvergabe - Architektur - Teil 1: Überblick über die Referenzarchitektur

Marchés publics électroniques - Architecture - Partie 1 : Aperçu de l'architecture de référence

Ta slovenski standard je istoveten z: **CEN/TS 17011-1:2025**

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ICS:

35.240.20	Uporabniške rešitve IT pri pisarniškem delu	IT applications in office work
35.240.63	Uporabniške rešitve IT v trgovini	IT applications in trade

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English Version

**Electronic Public Procurement - Architecture - Part 1:
Reference Architecture Overview**

Marchés publics électroniques - Architecture - Partie 1
: Aperçu de l'architecture de référence

Elektronische öffentliche Auftragsvergabe -
Architektur - Teil 1: Überblick über die
Referenzarchitektur

This Technical Specification (CEN/TS) was approved by CEN on 15 September 2025 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (CEN/TS 17011-1:2025) has been prepared by Technical Committee CEN/TC 440 “Electronic Public Procurement”, the secretariat of which is held by DIN.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document is part of a series of multi-part documents prepared, or under preparation, by CEN/TC 440:

- 17011-series: **eProcurement Architecture**, providing a set of specifications outlining different aspects of the eProcurement architecture for Business Interoperability Specifications.
- 17014-series: **eTendering Business Interoperability Specifications**, providing a set of specifications outlining business choreography, transaction, syntax binding specifications and guidelines required to support the eTendering processes.
- 17015-series: **eCatalogue Business Interoperability Specifications**, providing a set of specifications outlining business choreography, transaction, syntax binding specifications and guidelines required to support the eCatalogue processes.
- 17016-series: **eOrdering Business Interoperability Specifications**, providing a set of specifications outlining business choreography, transaction, syntax binding specifications and guidelines required to support the eOrdering processes.
- 17017-series: **eFulfilment Business Interoperability Specifications**, providing a set of specifications outlining business choreography, transaction, syntax binding specifications and guidelines required to support the eDelivery processes.

The terms “shall”, “shall not”, “should”, “should not”, “may”, “need not” “can” and “cannot” are interpreted according to Annex H of the CEN-CENELEC Internal Regulations, Part 3¹.

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Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

¹ <https://boss.cen.eu/reference-material/refdocs/pages/>

Introduction

The objective of the work in CEN/TC 440, Electronic public procurement, is to provide standards, in the form of Business Interoperability Interface specifications, as a tool to ensure interoperability and thus facilitate efficient and effective electronic information exchange in the (public) eProcurement processes between the buyer and the seller.

This is to facilitate end-to-end eProcurement² including both pre-award and post-award processes (see Figure 1).

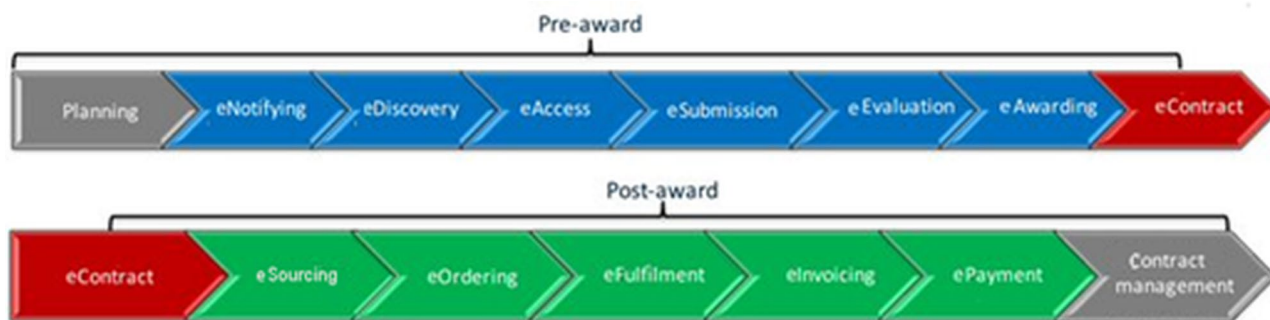


Figure 1 — The pre-and post-award processes of public eProcurement

eProcurement refers to the use of electronic communications and transaction processing by public sector organizations and economic operators when buying/providing supplies and services or tendering works, see Tables 1 and 2.

Table 1 — Business areas in the pre-award phase of public eProcurement

	Business Areas		Example information exchange ^a
	Planning	Planning of milestones and electronic tracking of the achievements. Planning is an internal business process and is not covered by BII specifications.	
Pre-award (eTendering)	eNotifying	Notification includes information exchange, publication and dissemination of notices related to procurement opportunities such as Prior Information Notices, Contract Notices and Contract Award Notices. eNotifying is specified by the Publication Office of the European Commission and therefore out of scope for TC 440.	— Prior Information Notice — Contract Notice — Contract Award Notice
	eDiscovery	Search for interesting business opportunities on a publication portal. eDiscovery is a service of the Publication Office of the European Commission and therefore out of scope for TC 440.	— Search notice query transaction — Notice metadata transaction

² The concept of end-to-end procurement is further elaborated in COM(2013) 453 final on end-to-end eProcurement to modernize public administration [6].