



**SLOVENSKI STANDARD**  
**SIST EN 16931-1:2017+A1:2020/oprA2:2022**  
**01-marec-2022**

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**Elektronsko izdajanje računov - 1. del: Semantični podatkovni model osrednjih elementov za elektronski račun - Dopolnilo A2**

Electronic invoicing - Part 1: Semantic data model of the core elements of an electronic invoice

Elektronische Rechnungsstellung - Teil 1: Semantisches Datenmodell der Kernelemente einer elektronischen Rechnung

Facturation électronique - Partie 1 : modèle sémantique de données des éléments essentiels d'une facture électronique

**Ta slovenski standard je istoveten z: EN 16931-1:2017+A1:2019/prA2**

**ICS:**

03.100.20	Trgovina. Komerzialna dejavnost. Trženje	Trade. Commercial function. Marketing
35.240.63	Uporabniške rešitve IT v trgovini	IT applications in trade

**SIST EN 16931-1:2017+A1:2020/oprA2:2022**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**EN 16931-**  
**1:2017+A1:2019**

**prA2**

January 2022

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English Version

## Electronic invoicing - Part 1: Semantic data model of the core elements of an electronic invoice

Facturation électronique - Partie 1 : modèle  
sémantique de données des éléments essentiels d'une  
facture électronique

Elektronische Rechnungsstellung - Teil 1:  
Semantisches Datenmodell der Kernelemente einer  
elektronischen Rechnung

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 434.

This draft amendment A2, if approved, will modify the European Standard EN 16931-1:2017+A1:2019. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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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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**EN 16931-1:2017+A1:2019/prA2:2022 (E)****European foreword**

This document (EN 16931-1:2017+A1:2019/prA2:2022) has been prepared by Technical Committee CEN/TC 434 “Electronic Invoicing”, the secretariat of which is held by NEN.

This document is currently submitted to Enquiry.

This document has been prepared under a Standardization Request given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s) / Regulation(s).

For relationship with EU Directive(s) / Regulation(s), see informative Annex B which is an integral part of EN 16931-1:2017+A1:2019.

This document is part of a set of documents, consisting of:

- EN 16931-1:2017, *Electronic invoicing – Part 1: Semantic data model of the core elements of an electronic invoice*
- CEN/TS 16931-2:2017, *Electronic invoicing – Part 2: List of syntaxes that comply with EN 16931-1*
- CEN/TS 16931-3-1:2017, *Electronic invoicing – Part 3-1: Methodology for syntax bindings of the core elements of an electronic invoice*
- CEN/TS 16931-3-2:2017, *Electronic invoicing – Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note*
- CEN/TS 16931-3-3:2017, *Electronic invoicing – Part 3-3: Syntax binding for UN/CEFACT XML Cross Industry Invoice D16B*
- CEN/TS 16931-3-4:2017, *Electronic invoicing – Part 3-4: Syntax binding for UN/EDIFACT INVOICE D16B*
- CEN/TR 16931-4:2017, *Electronic invoicing – Part 4: Guidelines on interoperability of electronic invoices at the transmission level*
- CEN/TR 16931-5:2017, *Electronic invoicing – Part 5: Guidelines on the use of sector or country extensions in conjunction with EN 16931-1, methodology to be applied in the real environment*
- CEN/TR 16931-6<sup>1</sup>, *Electronic invoicing – Part 6: Result of the test of EN 16931-1 with respect to its practical application for an end user – Testing methodology*

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<sup>1</sup> In preparation.

## 1 Modification to Clause 2

*Remove:*

IEEE/ISO/IEC 60559-2020 – ISO/IEC/IEEE International Standard – *Floating-point arithmetic*

## 2 Modification to 4.2

*Add in the last paragraph:*

The methodology to create extensions is described in CEN/TR 16931-5.

## 3 Modifications to 5.2.2

*Replace the last two sentences of the 1st paragraph by*

This delivery or deliveries is/are then invoiced by the Seller to the Buyer. Finally, the Buyer pays the Payee.

*Replace the last two sentences of the 2nd paragraph by:*

Deliveries result in an invoice. An invoice may refer to multiple deliveries and multiple purchase orders.

*Replace the 1st sentence of the 3rd paragraph by:*

A delivery may include the pick-up and return of returnable packaging from previous deliveries and, for which a payment (deposit) had previously been made by the Buyer and had been received by the Seller.

## 4 Modification to 5.2.4

*Replace the last two sentences of the last paragraph by:*

A purchase order serves as a contract and triggers the deliveries. A purchase order may be confirmed by the Seller (not shown in the diagram).

## 5 Modification to 5.2.5

*Delete the last sentence:*

Each delivery ... one purchase order.

## 6 Modification to 5.2.6

*Delete the last sentence:*

An invoice ... to one delivery.

## 7 Modifications to 5.2.8

*Replace – paragraph with:*

After receipt of the purchase order the Seller sends a despatch advice in advance of the deliveries. In the invoice a reference is made to the relevant despatch advice(s). The invoice content should reflect the content of despatch advices which it refers to. An invoice may refer to multiple purchase order and multiple despatch advices.

**EN 16931-1:2017+A1:2019/prA2:2022 (E)****8 Modification to 5.2.9**

*Replace the paragraph with:*

After delivery and before the invoice is issued, the Seller waits for a receiving advice from the Receiver, in which the Receiver acknowledges that the goods and services have been received and if there are any issues with the delivery. The Seller bases the invoice on information contained in the receiving advices. The invoice may refer to multiple despatch advices, multiple receiving advices and may also refer to multiple purchase orders.

**9 Modification to 5.2.10**

*Replace the last sentence by:*

The invoice or credit note may refer to multiple preceding invoices.

**10 Modification to 5.2.11**

*Delete the last sentence*

See Annex A ... mechanisms.

**11 Modifications to 5.3.3**

*In the "In scope for the core invoice model" replace R5, R7, R9 and R10 by:*

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- R5 information to trace to related purchase orders from the document and line level (all processes, except P2 and P5);
- R7 information to trace to a single contract and the underlying call for tenders from the document or line level (all processes, except P3 and P5);
- R9 information to trace to multiple despatch advices from the document and line level (processes P7 and P8);
- R10 information to trace to multiple receiving advices from the document and line level (process P8);

*Replace the list in "Out of scope for the core invoice model" by:*

- reference to one or more related purchase order lines on header level;
- reference to multiple related purchase order lines on line level;
- reference to multiple contracts;
- reference to one or more price lists;
- reference to the exact time of delivery;
- reference to more than one receiving advice;
- reference to one or more receiving advice lines at invoice line level;
- reference to supporting documents at invoice line level;
- reference to one or more consumption reports or performance records;
- reference to one or more invoices for payment in advance;



- reference to multiple sales orders (issued by the Seller);
- sub-lines of allowances and charges;
- delivered quantities of goods and services if different from invoiced quantities;
- ordered quantities of goods and services if different from invoiced quantities;
- back-ordered quantities of goods and services if different from invoiced quantities;
- coded attributes of goods and services;
- specific coded quality information of goods or services;
- structured metered values;
- lot numbers of goods and services (except in free text);
- serial numbers or other identification numbers (e.g. of the person rendering the services) (except in free text);

### 12 Modification to 5.3.4

In “In scope for the core invoice model” replace R55 by:

R55 codes for exemption and out of scope reasons at document and invoice line level.

### 13 Modification to 5.4

Replace the 1st paragraph with:

An invoice, compliant with the core invoice model may reference multiple purchase orders and multiple deliveries explicitly.. For automatic processing of invoices, usually explicit, qualified references are needed.

### 14 Modification to Figure 14

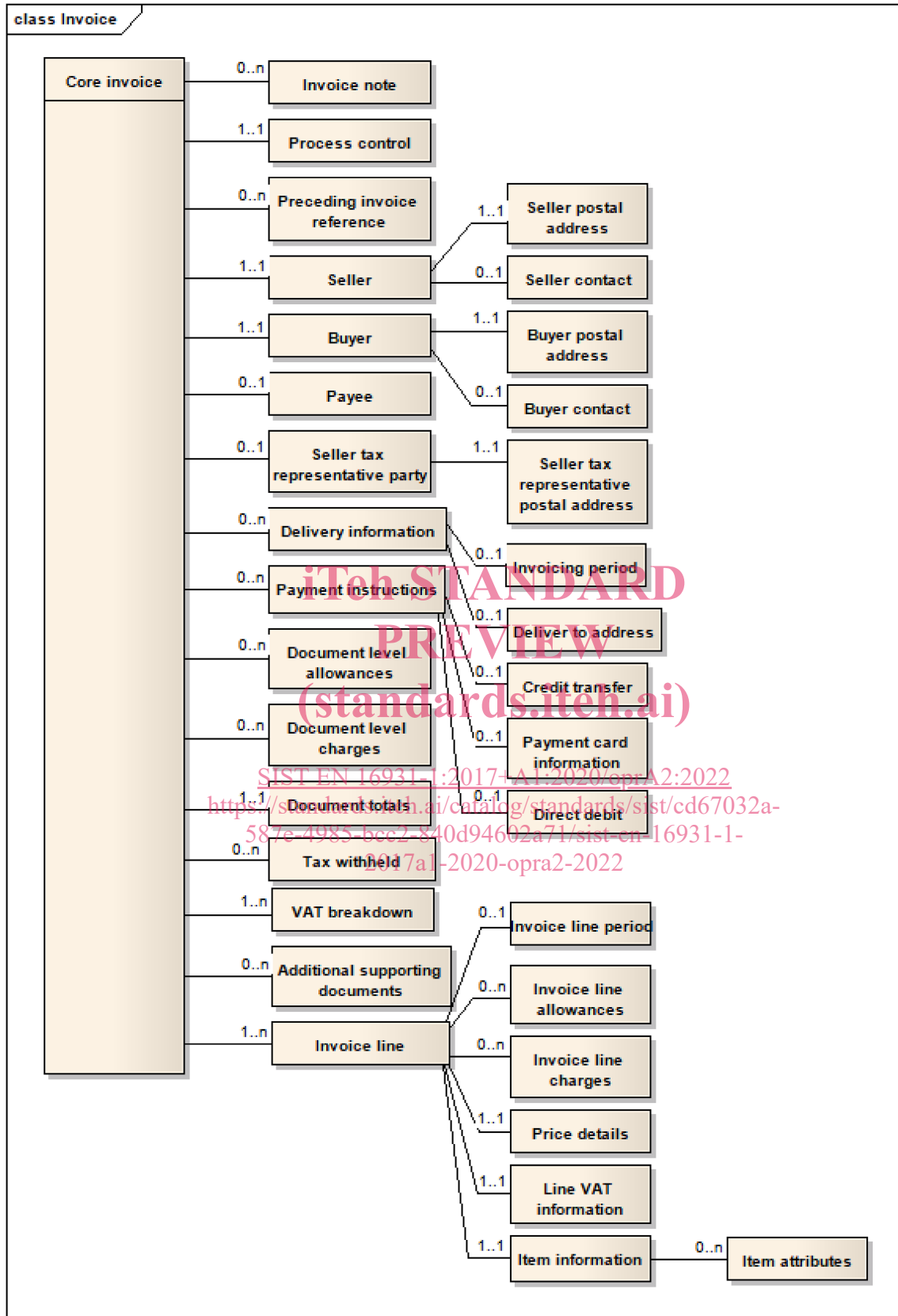
Add the title of the figure

Figure 14 — Invoice relations

### 15 Modification to 6.1

Replace Figure 15 by:

EN 16931-1:2017+A1:2019/prA2:2022 (E)



## 16 Modification to 6.3 – Table 2

ID	Level	Cardinality	Business Term	Description	Usage Note	Req. ID	Semantic data type <sup>2</sup>
BT-188	+	0..1	Invoice issue time	The time of the day when the Invoice was issued.		R56	Time
BT-34	++	0..1	Seller electronic address	Identifies the Seller's electronic address to which the application level response to the invoice may be delivered.		R13, R57	Identifier
		1..1	Scheme identifier	The identification scheme identifier of the Seller electronic address.	The scheme identifier shall be chosen from the EAS (Electronic Address Scheme) list.		
BT-49	++	0..1	Buyer electronic address	Identifies the Buyer's electronic address to which the invoice is delivered.		R13, R57	Identifier
		1..1	Scheme identifier	The identification scheme identifier of the Buyer electronic address.	The scheme identifier shall be chosen from the EAS (Electronic Address Scheme) list.		
BG-15	++	0..1	DELIVER TO ADDRESS	A group of business terms providing information about the address to which goods and services invoiced were or are delivered.	In the case of pick-up, the deliver to address is the pick-up address. Sufficient components of the address are to be filled to comply with legal requirements.	R32	
BG-16	+	0..n	PAYMENT INSTRUCTIONS	A group of business terms providing information about the payment.		R58	
BT-166	++	0..1	Amount to be paid	The amount to be paid according this payment instruction	In case of a split payment. May be the amount to be withheld.		Amount

<sup>2</sup> The suffix ".Type" has been deleted for readability.

## EN 16931-1:2017+A1:2019/prA2:2022 (E)

ID	Level	Cardinality	Business Term	Description	Usage Note	Req. ID	Semantic data type <sup>2</sup>
BG-17	++	0..1	CREDIT TRANSFER	A group of business terms to specify credit transfer payments.		R58	
BT-92	++	1..1	Document level allowance amount	The amount of an allowance, without VAT.		R15, R19	Amount
BT-93	++	0..1	Document level allowance base amount	The base amount that may be used, in conjunction with the document level allowance percentage, to calculate the document level allowance amount.		R15, R42	Amount

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