

A photograph of a modern, multi-story building with a white facade and large windows. The building is set against a blue sky. Overlaid on the image is a pattern of binary code (0s and 1s) in a light blue color. The text 'ÖSTERREICH RECHNET MIT UNS' is written in large, white, bold, sans-serif capital letters across the middle of the image.

ÖSTERREICH RECHNET MIT UNS

Status CEN PC 434

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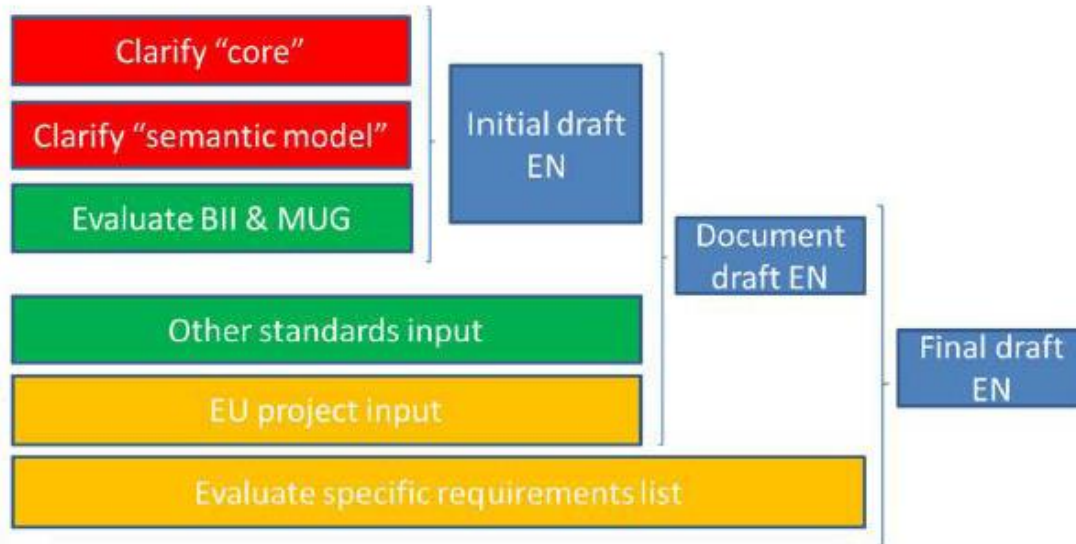
16.12.2014

- Directive 2014/55/EU of the European Parliament and of the Council of 16 April 2014 on electronic invoicing in public procurement was published on 2014-05-06 in the Official Journal of the European Union
- The Directive states in Article 3(1) that “the Commission shall request that the relevant European standardisation organisation draft a European standard for the semantic data model of the core elements of an electronic invoice” and that “the requests shall be adopted in accordance with the procedure laid down in Article 10(1) to (5) of Regulation (EU) No 1025/2012”.
- CEN Project Committee 434 on Electronic Invoicing has been created on 2014-05-06 following resolution BT C12/2014. in view of the notification to CEN of the standardization request on Electronic Invoicing.

- A European standard (EN) on the semantic data model for the core elements of an electronic invoice
- A Technical Specification (TS) on a limited number of invoice syntaxes (formats) which fully comply with the EN
- A Technical Specification (TS) on the syntax bindings, i.e. information specifying how the semantic data model could be represented in the listed syntaxes (formats) and their automatic validation artefacts
- A Technical Report (TR) covering the guidelines on interoperability of electronic invoices at the transmission level, taking into account the need of ensuring the authenticity of the origin and the integrity of the electronic invoices' content
- A Technical Report (TR) covering the guidelines on the use of sector or country extensions (as described in the Recommendation of the European Multi-stakeholder Forum on e-Invoicing) in conjunction with the European standard, including a methodology to be applied in the real environment
- A Technical Report (TR) covering the result of the test of the European standard with respect to its practical application for an end user

- 2014-09 Kick-off meeting CEN/PC 434, start of drafting stage EN
- 2015-01 Discussion on progress of drafting stage EN
- 2015-05 End of drafting stage EN
- 2015-09 Start of committee stage Technical Specifications and Technical Reports
- 2016-02 Comment resolution EN, Technical Specifications and Technical Reports
- 2016-04 Consideration of results 2nd test
- 2016-10 Result of approval stage EN, Technical Specifications and Technical Reports

- Work Stream 1
 - Was ist der „Core“
 - Methodologie zur Beschreibung
- Work Stream 2
 - Die Ergebnisse von CEN BII und CEN MUG zusammenführen
 - „Andere Standards“ bei Bedarf einfließen lassen
- Work Stream 3
 - Einbindung anderer europäischer Initiativen und Workshops



- Define core invoice
 - Consolidated BII and MUG list of invoice information
 - Few more items to discuss and make resolutions about
 - Process variants open for discussion
- Significant variants/functions to be decided
 - Multiple deliveries
 - Multi deliveries resulting from same order (=reference multiple despatch advices)
 - Multi deliveries resulting from different orders (=references to many orders + references to many despatch advices)
 - Credit note (it is specifically mentioned in the standardization request, + VAT article)
 - Corrections
 - Any recommendation on simplifying? (e.g credit complete invoice and issue a new correct invoice)
 - Refunding
- Selfbilling
- Use of master data

- "Core invoice"
 - Some requirements may risk the core invoice to be complex and hard to implement.
 - There is a need to define what is meant by "core invoice".
- Methodology
 - Is there a need to prepare and describe the semantic data model of the core invoice (EN) in a sustainable way which also can cater for extensions?
 - Should a methodology standard be used?
- Draft paper prepared
- Reports on what methodology is used in various standards:
 - OASIS UBL
 - MUG (Message User Guide UN/CEFACT Cross Industry Invoice)
 - CEN BII Invoice
 - ISA Core Vocabulary
 - UN/CEFACT CII
 - ISO 20022 Invoice
- To do: Analyse and decide which methodology should be used to describe the semantic data model of the core invoice.

- Two main tasks
 - 1. Provide a merged version of BII and MUG as an initial basis for the content of the core semantic model
 - 2. Identify requirements from “other standards”
- Good attendance and good discussions
 - 7 meetings
 - Between 15 and 24 participants
- Challenging to focus on task at hand as we have a tendency of being diverted into the actual content of the Core

- Merge of BII and MUG
 - Expected result: Consensus on a consolidated set of business terms and their description
 - Initial draft available October 15, commented by WS2 participants
 - In process of reviewing comments received
- Other standards
 - Expected result: an overview of minimum requirements from a set of “other standards”
 - A set of standards have been mapped to the merged BII/MUG model
 - OASIS UBL Invoice, 2.1
 - UN/CEFACT CII, D13A
 - ISA Core vocabularies
 - Financial Invoice, based on ISO 20022
 - EDIFACT INVOIC, D14A
- A set of minimum requirements has been identified for each standard, but limited discussion yet.
- Some mapping and cardinality issues compared to the merged BII/MUG model identified

- Issues for coordination between work streams
 - TAX limited to VAT only?
 - Use of *sellers tax registration status*?
 - Use of *trading name vs. legal registration name*?
 - What are the required identification schemes?
 - Generic or specific address components (i.e. *Address line 1 vs. Seller address line 1*)
 - *Contact person vs. Contact point*?
 - Use of *Invoice type code*?
 - Use of *Message transaction identifier*?
 - Use of *Buyer reference identifier*?
- Open topics/issues
 - Mapping to SEPA
 - Capturing business rules
 - Use of data types
 - Use of code lists

Approach

- Agree the work
 - Identify best way to consider inputs given available time & resources
 - Terminology – agree a common understanding
- Set the context for the team – Presentations/advice
 - CEF DSI eInvoicing
 - PEPPOL/OpenPEPPOL
 - eSENS
 - EMSFEI and other EC related inputs
- Identify EU project contacts
- Analyse & interpret the Specific Requirements
- Report back and consider Work Stream 1 & 2 outputs
- Produce check-list
 - For use in review of the draft EN design

Specific requirements

Des
Standardization
Requests

Analyse & identify
the requirements

- Identify requirements using a numbered list
- Requirements for the EN Deliverables (section 4.1)
- Requirements for ESO during the work (section 4.2)

Agreeing
interpretations

- Volunteers developing interpretations
- Overall WS3 team review
- Produce catalogue of interpretations & consequence to design of the draft EN
- Seek plenary team approval of interpretations

Check EN design

- Consider outputs of work streams 1 & 2
- Highlight requirements of high priority to the EN design
- Provide check-list catalogue to enable review and checking of the semantic EN design against specific requirements

Early findings

- CEF DSI – eInvoicing building block
 - Semantic model validation & syntax conversion tools
- OpenPEPPOL
 - Use of conformance statements
- eSENS
 - Participation levels (ready made eInvoicing community)
 - Use of PEPPOL BIS Profiles 4a (Invoice simple) and 5a (Billing).
- Specific Requirements
 - Constant vigilance required to avoid lack of technologically & commercially neutrality in the Core model.
 - Cost effectiveness is a key consideration for SMEs and to that end the Core model should include necessary elements which cannot be dealt with by other means to facilitate easy adoption of the Core model.
 - Sufficient physical & financial supply chain reference fields to be included in the Core model.
 - To help 'preserve investments', the EN work should be communicated to National standards bodies and solutions providers as early as possible

- Aim
 - Release documents for comments and contributions before year-end
- KW51
 - Final meeting of Work streams for preparation of the first draft
 - Aim: Package whatever can be released
 - Address questions that may be asked to mirror committees
- KW52
 - Distribute documents to CEN/PC 434 participants

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Vielen Dank für Ihre Aufmerksamkeit