RELEASE NOTE

19.12.2017

TEAPPSXML v.3.0

There will be new version for TEAPPSXML invoice message format. Version number shall be 3.0. EU have officially announced new standard EN 16931-1:2017 for electronic invoice semantic model. TEAPPSXML version 3.0 shall include new data structures that are required in EU standard. New TEAPPSXML version shall also provide better support for eReceipt (=eKuitti) messages and confidential data transmission in interchange network. Version will also include some enhancements to ease e-invoicing usage among the trading organizations. All changes are implemented providing new optional elements and attributes so that new version fits with earlier TEAPPSXML versions.

Changing just the content of the TEAPPSXML message version number does not make e-invoice message compliant with the new version. One shall also take in use new elements and attributes in the message. In general it is highly recommended always check current and recommended usage of data elements and implement needed changes in relevant software applications and usage instructions.
For the sake of clarity we want to stress that use of new TEAPPSXML version 3.0 does not automatically mean that e-invoice messages are compliant with EU 16931-1:2017 standard. To be compliant with EU standard it is required that e-invoice contents and used codes are according the EU Standard specification. New TEAPPSXML 3.0 make it possible to create EU Standard compliant messages but it does not force to do so.

Following is short description of changes in new TEAPPSXML 3.0 version grouped by main aggregates.

1) Invoice level
    o HEADER-structure
        ▪ Invoice type code, INVOICE_TYPE, will have new optional attribute UNTDID_CODE, that is used to contain EU Standard defined invoice type code value. INVOICE_TYPE –element usage and earlier invoice type codes are not changed.
        ▪ INVOICE_TYPE code values shall include as new values for eReceipt:
          30 = debit receipt, 31 = credit receipt, 32 = warranty receipt

        ▪ BUSINESS_PROCESS_TYPE –element, shall include reference to industry segment/branch instruction
        ▪ SPECIFICATION_ID –element, shall include reference to EU Standard rule set that is applied in invoice creation
        ▪ Tax due date either as date value in TAX_POINT_DATE/DATE or as a code in TAX_POINT_DATE/ DATE_CODE
        ▪ Offer reference, OFFER_REFERENCE -element
        ▪ Invoiced object, INVOICED_OBJECT -element with attribute SCHEME_ID
        ▪ Invoice security class, SECURITY_DETAILS –structure that includes invoice security class value and its' description
        ▪ Payment card data, PAYMENT_CARD_INFORMATION -structure
        ▪ SEPA-direct debit data, DIRECT_DEBIT_INFO -structure

        ▪ TRANSPORT_INFORMATION/FINAL_DESTINATION –element, new attribute SCHEME_ID to define used element scheme type
        ▪ PACKING_MARKS-structure, new attribute for quantities Q_UNIT_UNECE_CODE to define EU Standard code set value
        ▪ TOTAL_PACKING_MARKS –structure, new attribute for quantities Q_UNIT_UNECE_CODE to define EU Standard code set value
        ▪ HEADER_INFO/CONTENT –element new attribute Q_UNIT_UNECE_CODE

- o SUMMARY-structure
  - Invoice total sum before advance payments, INVOICE_TOTAL_WITHOUT_ADVANCE_PAYMENT/ AMOUNT -structure
  - Reference to previous payments or advance payments, PRECEDING_INVOICE_INFORMATION – recurring structure
  - Invoice level charges, CHARGES –recurring structure
  - Total invoice level charges, CHARGES_TOTAL/AMOUNT -element
  - Total VAT in accounting currency, VAT_TOTAL_IN_OTHER_CURRENCY –structure
  - VAT exemption code value in VAT breakdown, VAT_SUMMARY/EXEMPTION_REASON_CODE - element
  - DISCOUNT-structure will have new element, DISCOUNT_FROM_AMOUNT/AMOUNT and VAT – structure to define VAT amount in discounts.

- o TEAPPSXML 3.0 EpiDetails –structure have been updated to be compliant with new Finvoice 3.0 version, so that issuer can repeat some invoice details also in this structure.

- o PAYLOAD_LOGGING –element can be used to instruct invoice message logging during the message processing. Allowed values in the element are ON (default) and OFF.

- o eReceipt processing shall have in invoice level tax authority required control data:
  - CONTROL_CHECK – control reference
  - MESSAGE_CHECKSUM – checksum calculated from eReceipt message

2) Party data
   - o invoicer, PAYEE
     - For eInvoiceAddress, EADDRESS_SCHEME_ID and EADDRESS_SCHEME_ID_CODE –elements to accomplish EU Standard specification
     - Reference to invoicer legal information, ADDITIONAL_LEGAL_INFO
     - Payment means data, PAYMENT_MEANS –structure

   - o receiver/buyer, RECEIVER
     - For eInvoiceAddress, EADDRESS_SCHEME_ID and EADDRESS_SCHEME_ID_CODE -elements to accomplish EU Standard specification

   - o common changes to all parties
     - Trading name, CUSTOMER_INFORMATION/TRADING_NAME -element
     - Country subdivision, CUSTOMER_INFORMATION/ADDRESS/SUBDIVISION -element
     - Contact person department, CUSTOMER_INFORMATION/CONTACT_INFORMATION/DEPARTMENT -element

     - CUSTOMER_INFORMATION/ORGANIZATION_NUMBER-element will have new attribute SCHEME_ID for defining scheme of the organization id
     - CUSTOMER_INFORMATION/CUSTOMER_ID –element will have new attribute SCHEME_ID for defining scheme of the customer id
     - CUSTOMER_INFORMATION/PARTY_IDENTIFICATION_ID –element will have new attribute SCHEME_ID for defining scheme of the id (e.g GLN id)

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3) Invoice row level
   o Invoiced object, INVOICED_OBJECT -element, with attribute SCHEME_ID
   o Credited invoice date, CREDIT_INVOICE_DATE/DATE -structure
   o Payment mean in row level, PAYMENT_MEANS –structure for eReceipt data

   o New attribute for product unit data, ARTICLE_DESCRIPTION/DESCRIPTION_UNIT –element, attribute Q_UNIT_UNECE_CODE to define EU Standard code set value
   o For product group data new attributes, PRODUCT_GROUP –element, new attributes SCHEME_ID and SCHEME_VERSION
   o For EAN-code new attribute, EAN_CODE –element, new attribute SCHEME_ID

   o Product additional data, ARTICLE/FREE_TEXT will be changed recurring as 0 – n
   o For all quantities ORDERED/DELIVERED/CHARGED etc., QUANTITY – structure, new attribute Q_UNIT_UNECE_CODE to define EU Standard specified unit code
   o For all quantities in packing marks, PACKING_MARKS –structure, new attribute Q_UNIT_UNECE_CODE to define EU Standard specified unit code

   o For price per unit, PRICE_PER_UNIT –element, new attributes PR_UNIT_UNECE_CODE and PR_QTY
   o For row level discount data, DISCOUNT-structure, discount basis structure, DISCOUNT_FROM_AMOUNT/AMOUNT
   o For row level charges data, ROW_CHARGE –structure, new attribute TYPE

4) Invoice attachments, CONTROL/IMAGE_CONTROL-structure
   o New values for type codes, IMAGE_CONTROL/@TYPE, two new values:
        INVOICE_IMAGE_SECRECY = confidential invoice image
        VOUCHER_MEMO_SECRECY = confidential invoice attachment
   o Attachment secrecy classification, IMAGE_CONTROL/SECURITY_DETAILS –structure that describes attachment secrecy class and its' description.

TEAPPSXML v.3.0-specification is publicly available. Technical documents will be published after testing.

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