



# PEPPOL Post Award Community



# PEPPOL Invoice Response Core

# PEPPOL BIS Invoice response

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- Communication from buyer to seller informing the status of the invoice
  - Coded status of the invoice
    - received, in process, under query, conditionally accepted, accepted, rejected, paid
  - A coded reason for the status.
  - Structured instruction for corrections.
- Cooperation between OpenPEPPOL and EESPA
- PEPPOL BIS is based on the use of the PEPPOL network
- EESPA uses more varied transport methods and processes.
  - Mainly calls for added codes.
- Action is to create a shared specification that PEPPOL and EESPA can both restrict in implementation.



# PEPPOL BIS 3.0 upgrade

# Upgrade of all PEPPOL BIS specifications

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- Version 3.0
  - PEPPOL BIS Order only 3.0
  - PEPPOL BIS Ordering 3.0
  - PEPPOL BIS Catalogue only 3.0
  - PEPPOL BIS Despatch Advice 3.0
  - PEPPOL BIS Punch Out 3.0
  - PEPPOL BIS Order Agreement 3.0
  - PEPPOL BIS Message Level Response 3.0
  - PEPPOL BIS Invoice Response 3.0

# Main changes

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- Aligns with the EN 16931
  - Business terms
    - Qualified reference elements added to Order.
    - Removed type and date from contract references
    - All addresses changed to include 3 lines instead of two.
    - Added address information for tax representatives, where appropriate.
    - Use of business terms aligned across BIS specifications.
    - Use of label elements aligned between Order agreement and Punch Out.
    - Contact information aligned across BIS.
    - Allowance and charge classes aligned in terms of use of percentage, reason code and VAT.

# Main changes

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- VAT
  - Exchange rates for VAT currencies removed.
  - VAT calculation aligned with EN calculation model.
  - Structure of VAT information aligned with EN VAT structure.
- Code and identifiers
  - Customization and profile identifiers made mandatory in all BIS.
  - Party and item identifiers restricted to ICD code list.
  - Aligning use of code lists, examples are the allowance/charge lists and VAT category codes.
  - Assigning fixed code lists and removing requirements for code attributes.
  - Action code lists aligned between BIS's.

# Main changes

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- Rules and validations
  - Rule mandating either sellers or standard item Id added to all except Order.
  - Internal calculation of allowances and charges aligned.
  - Added validations to prevent use of empty elements.
  - Automated unit testing adopted for all BIS using code snippets instead of full files.
  - Rules separated into Basic rule and Business rules. Basic rules auto generated.
  - Various redundant rules removed.
- Validation on elements values and calculations aligned with EN.
- UBL syntax bindings
  - Alignment of syntax bindings.
  - Party name remapped to party legal name.
  - "Your reference" remapped to Customer reference from Buyer/Contact/Id



# Main changes

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- Documentation
  - All documentation moved to AsciiDoc or XML form and maintained as code in GitHub.
  - BIS specifications moved from Word to browsable website.
  - Data model and syntax bindings moved from BIS document to browsable data model.
  - Code lists for all BIS maintained jointly and hyperlinked where used.
  - Traceability of changes improved by linking between Jira issues and GitHub updates.

- Migration plan
  - A - Phase in, 2018-12-12, BIS 3.0 becomes optional
  - B - Transition, 2019-05-15, BIS 3.0 becomes mandatory
  - C - Phase out, 2020-05-15, BIS 2.0 no longer supported in network
- Spring release maintenance release.
  - Published on 2019-05-01
  - Mandatory on 2019-05-15



# PEPPOL BIS Billing 3.0

# Compliant implementation of EN 16931

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- CIUS
  - Restricts invoice types.
  - Restricts cardinality,
    - note elements
    - Invoice process
    - End point identifiers
  - Adds rules to check consistency of data.
    - Some of which may be migrated to EN 16931 validation artefacts.
- Validation artefacts
  - Inherits the EN 16931 validation artefacts as latest published.
  - Validation artefacts for UN/CEFACT CII

- Migration plan
  - A - Phase in, 2018-02-27, BIS 3.0 becomes optional
  - B - Transition, 2019-04-18, BIS 3.0 becomes mandatory
  - C - Phase out, 2019-12-31, BIS 2.0 no longer supported in network
- Spring release maintenance release.
  - Published on 2019-05-01
  - Mandatory on 2019-05-15



# NEW PEPPOL BIS Catalogue stand alone

# Simpler version of PEPPOL BIS Catalogue Only

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- Same catalogue transaction.
- Catalogue response transaction removed.
- Resulting changes to documentation and rules.
- Enables sending catalogues without requiring the receiver to be able to send a response.
- Publication
  - Along side the 2019 Spring release.
    - Published on 2019-05-01
    - Mandatory on 2019-05-15



# PEPPOL

## CIUS and Extensions

### Country specific requirements

### Non-EU requirements



# EN 16931 CIUS and Extension

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- A CIUS restricts the functionality core data model.
  - Removes functional options.
  - Restricts the semantic meaning of business terms.
  - Reduces the allowed values in a business term.
  - Compliant implementation of Directive 2014/55.
- An Extension adds to the functionality of the core data
  - Provides new functional options.
  - Expands the semantic meaning of business terms.
  - Adds or changes allowed codes.
  - Not a compliant implementation of Directive 2014/55

# Country specific requirements

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- PEPPOP BIS Billing 3.0 allows Seller country specific rules.
  - National rules that apply to all sellers based on their nationality (incorporation jurisdiction)
  - Can only be submitted by PEPPOL Authorities
  - Reduces the need for country specific CIUS.

# Non-EU requirements

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- EN 16931 implements European Directives.
- EU Directives do not apply in Non-EU countries.
- Non-EU country regulations and requirements are not directly supported

- Pre study report, to be published in May 2019
  - Identification of requirements.
  - Proposal for solutions.
  - Participation from 36 countries EU, SG, AU, NZ and North America (US, CA, MX)
- PEPPOL Management selection of solution.
- Development of solution, dependant on Management selection of solution.
- A solution may:
  - Affect the architecture of the BIS specifications.
  - Affect the registration of receiving capabilities in the SMP
  - Affect the PEPPOL mandatory principle.

# Standardization

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- EN 16931 is an European standard.
- New international standard?
  - ISO?