

Slovak Republic TDD Release notes

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Version 1.0.0

Maintained by	Peppol Slovak Republic Pilot Team
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What's New in This Release

This is the initial release of the **Slovak Republic Tax Data Document** specification. The release includes the following components:

- Tax Data Document BIS Documentation.
- Semantic Model.
- Syntax Binding.
- Normative Codelists.
- Tax Data Document-specific Schematron rules.
- Referenced Schematron artefacts in use.

Overview

This release introduces the first official version of the Slovak Republic Tax Data Document Specification.

The specification defines:

- The Semantic Model (business information requirements).

- The Syntax Binding (technical representation).
- BIS documentation and implementation guidance.
- Applicable normative codelists.
- Validation artefacts, including Schematron rules.

The objective of this release is to establish a clear and governable framework that ensures semantic consistency, validation accuracy, and implementation certainty for all stakeholders.

Data Model

- **Semantic Model:**

- **A Semantic Model** in Peppol is a structured, technology-independent representation of the business information, constraints, and relationships required for electronic document exchange, forming the authoritative source for syntax binding, validation rules, and conformance profiles.
 - Business Terms (what the information means).
 - Cardinality rules (how many times information may occur).
 - Data types and formats (how information is represented conceptually).
 - Business rules and constraints (conditions governing usage).
 - Relationships between business elements.

- **Syntax Binding:**

- **A Syntax Binding** in Peppol is the formally governed, technology-specific mapping of a Semantic Model to a concrete document syntax, defining the exact structural representation, cardinalities, data types, and validation constraints required for an implementation.
 - Technology-Specific Representation.
 - Deterministic Mapping.
 - Normative for Implementation.
 - Constrained by Peppol Governance.

Documentation

- **Peppol Model for Tax Data Document:**

- Introduction and Scope.
- Audience and Benefits.
- Business processes.
- **Technical details:**
 - BIS Identifiers.
 - Data types.
 - XML Schemas and Namespaces.

- Glossary.
- **Compliance:**
 - Sending Compliance to TDD.
 - Receiving Compliance to TDD.
 - Enveloping Compliance.

Code Lists

- **Standard codelists:**
 - UNCL5189 (**Allowance reason code**).
 - UNCL7161 (**Charge reason code**).
 - ISO3166-1:Alpha2 (**Country codes**).
 - ISO4217 (**Currency codes**).
 - UNCL2005 (**Date/Time/Period code**).
 - UNCL1001 (**Credit note type code**).
 - UNCL1001 (**Invoice type code**).
 - EAS (**Electronic address scheme**).
 - ICD (**ISO 6523 ICD list**).
 - UNCL7143 (**Item type identification code**).
 - UNCL4461 (**Payment means code**).
 - UNECERec20 (**Unit codes**).
 - VATEX (**VATEX code list**).
- **Slovak Republic:**
 - SK-TAXCAT (**Slovak Republic VAT category codes**).
- **Tax Data Document:**
 - TDD-RR (**Tax Data Document Reporting Role**).
 - TDD-DS (**Tax Data Document Scope**).
 - TDD-DTC (**Tax Data Document Type Code**).

Schematron

Schematron artefacts provide rule-based validation to ensure semantic and technical conformance.

- **CEN EN 16931:**
 - The CEN EN 16931 Schematron rules define automated validation constraints aligned with the European semantic data model for electronic invoices.
 - These rules verify:
 - Compliance with mandatory business terms.

- Cardinality constraints.
- Code list validity.
- Mathematical consistency (e.g. VAT calculations, totals).
- Their purpose is to ensure legally compliant cross-border electronic invoicing within the EU.
- **Peppol EN 16931:**
 - The Peppol EN 16931 Schematron rules extend the core CEN EN 16931 validation set with additional interoperability and network-specific constraints required for Peppol participants.
 - These rules enforce:
 - Additional usage restrictions.
 - Peppol-specific code list limitations.
 - Network-level business rules.
 - Their purpose is to ensure consistent semantic interpretation and interoperability across the Peppol network.
- **Tax Data Document Choreography:**
 - The Tax Data Document Choreography Schematron rules validate structural and choreography-level compliance.
 - These rules ensure that:
 - The document strictly follows the defined Syntax Binding.
 - Only permitted elements and structures are used.
 - No undefined or non-conformant elements are introduced.
 - Their purpose is to guarantee technical conformance to the specified document structure.

Action Items for Implementers

Implementers SHALL perform the following actions to ensure conformance:

- Review and understand the Semantic Model and the associated Syntax Binding before implementation.
- Ensure that all code values strictly comply with the applicable normative codelists.
- Validate implementations against the published validation artefacts, including:
 - XML Schema Definitions (XSD).
 - Schematron rules.
- Develop the Tax Data Document in full compliance with the Semantic Model, Syntax Binding, and validation artefacts.
- Notify the relevant Peppol Authority of any identified critical defects, inconsistencies, or required change requests.

Support

For support and clarification:

<https://peppol.org/tools-support/service-desk/>