PEPPOL BIS and Svehandel

PEPPOL BIS and Svehandel are collective names for the set of UBL-based business document standards that SFTI recommends for electronic commerce with buyers in public sector. The transaction formats and profile specifications are recognized by the name beginning with "Sve" or "PEPPOL".

The use of PEPPOL BIS and Svehandel enables a completely electronic flow for e-commerce documents. It includes transaction formats for the exchange of price and article information, orders with order response, delivery advice and invoice. With Svehandel and PEPPOL BIS, the buyers can get a better control of their purchasing patterns, to be consistent with the framework contracts, and through use of the standards both the buyers and the suppliers may automate their processes.

Those who have not yet implemented PEPPOL BIS should, as far as possible, consider implementing the latest recommended version of the respective transaction format.

The most recent recommendations

- PEPPOL BIS Catalogue Without Response 3
- PEPPOL BIS Punch Out 3
- PEPPOL BIS Ordering 3
- PEPPOL BIS Order Agreement 3
- PEPPOL BIS Despatch Advice 3
- PEPPOL BIS Billing 3

Older recommendations

- Svekatalog 2.0
- PEPPOL Punch Out 1.0
- Sveorder BIS 28A 1.0 With Order Response
- PEPPOL BIS 42A Order Agreement 1.0
- Sveleveransavisering BIS 30A 1.0
- Svefaktura 1.0

The transaction formats and specifications are XML based, in accordance with the OASIS UBL standard. With the exception of Svefaktura 1.0, they have all been developed within the framework of OpenPEPPOL.

Information to support implementation

The documentation comprises of the specification of the message format (see OpenPEPPOL's website for PEPPOL BIS standards, and SFTI's website for all "Swe" recommendations) and as appropriate use cases, examples, user guides and some tools for validation and presentation of business documents. The precise arrangement of the support material may vary between different transaction formats but usually of the following material is found:

- The specification in English developed within OpenPEPPOL. This document includes:
  - Message specification describing the content on a detailed level, as well as technical documentation linked to XML schemas. As to technical specifications for transport and

infrastructure, incl. the protocols and parameters, it is recommended to use the PEPPOL infrastructure (see the OpenPEPPOL website);
- Message requirements and business rules giving the rationale for the message specification;
- Processes and typical scenarios;
- Detailed description of selected parts of the message;
- References to code lists, etcetera;
- Basic use cases (available for some of the specifications).

- Validation artefacts that are business rules that are expressed in a form that allows machine checking for formal correctness of business documents. For example, there are rules for the relationship between data elements, coded values or calculation rules. The artefacts are provided as quality-enhancing technical tools. Please note that OpenPEPPOL currently publishes updates twice a year.

- [SFTI's short-listed codes for units of measure and packaging types](#)

- Illustrative examples – SFTI's use cases/examples illustrating typical use of business document (available for some of the specifications).

- Swedish user guide – a guide that complements the English documentation and contains STFI's specific recommendations for the use of the specification in Sweden.

- For some specifications, reference stylesheet for the visualisation a business document, in a reference format without loss of any information defined in the specification. It may, for example, be used when comparing transactions as they appear in the transmitter and receiver systems. It can also support development and troubleshooting. However, the stylesheet has no normative function for how IT solutions should present business documents.

Validation Service

SFTI provides a web-based validation service for all transaction formats within Svehandel and PEPPOL BIS. Through this service you can verify that a business document formally complies with any of the XML based standards SFTI recommends.

[SFTI's validation service](#)

Further reading

- [The Agency For Digital Government](#)

- [OpenPEPPOL's website](#)