



Peppol

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Peppol International Invoicing (PINT) Specification Technical Overview

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EDI VAN



PEPPOL BIS BILLING

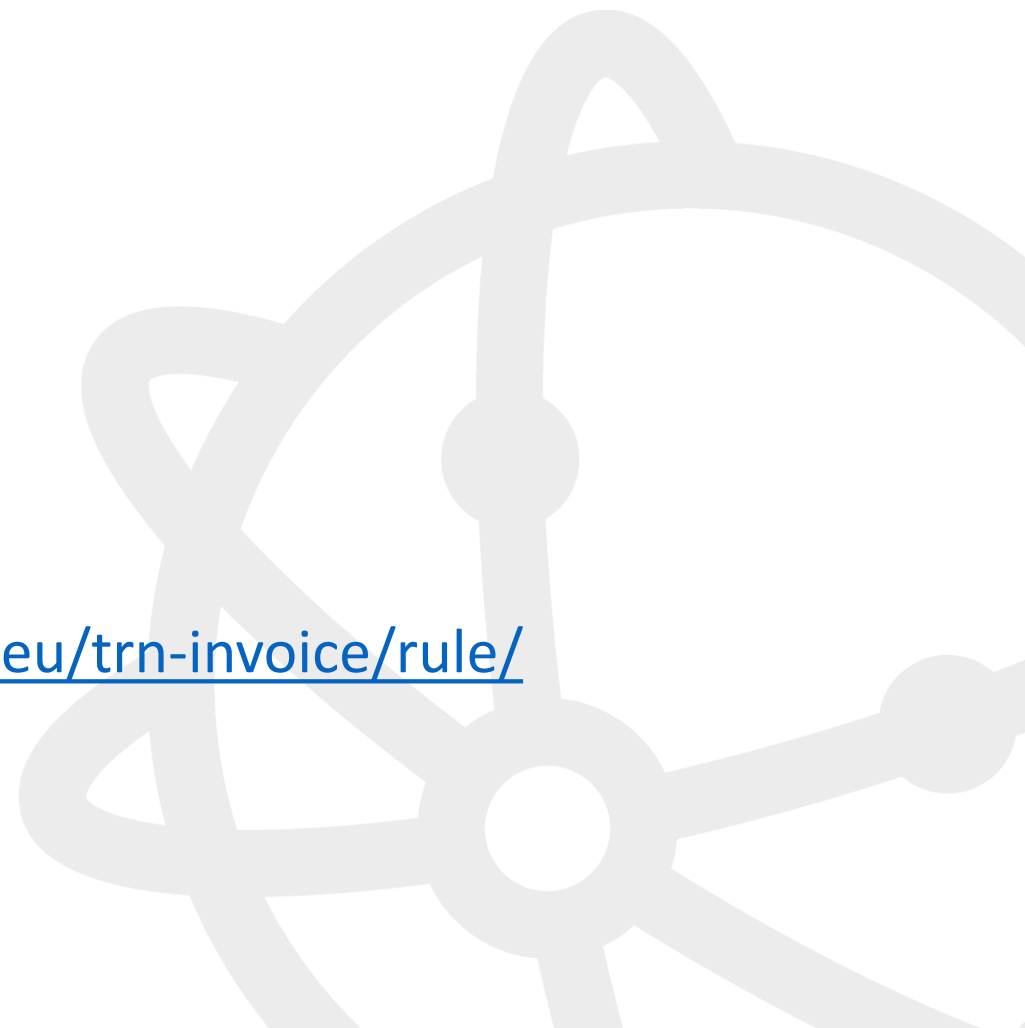


PINT



URL

- PINT (Test)
 - <https://test-docs.peppol.eu/poacc/pint/pint/>
- Singapore (Test)
 - <https://test-docs.peppol.eu/pint/pint-sg/>
- Japan
 - <https://docs.peppol.eu/poac/jp/>
- Europe (Test)
 - <https://test-docs.peppol.eu/pint/pint-eu/pint-eu/trn-invoice/rule/>



PINT Specification

Peppol Specifications for PINT

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PINT DRAFT 2

Second draft of PINT invoice and credit note specification.

Documentation

[Peppol International \(PINT\) model for Billing](#)

The Peppol PINT Billing has been developed by the OpenPEPPOL AISBL Post Award Coordinating Community as a template for creating globally interoperable invoice specifications.

[PINT compliance](#)

[PINT Guide](#)

Instructions for aligning and maintaining the PINT.

[Release notes for PEPPOL PINT Invoice](#)

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Transactions

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The Invoice Transaction

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Japan Business process

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2. Local business process

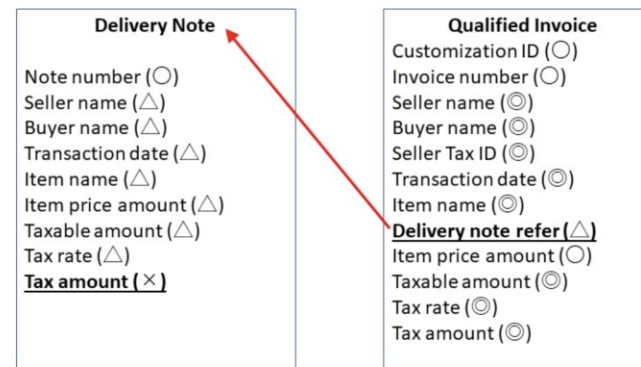
Following sections describe how the PINT Billing specification is applied to support local business processes.

2.1. Summarised invoice process

In Summarised invoicing process, the supplier sends a Delivery Note to the customer with each delivery and the buyer uses the information in the Delivery Note to verify the reception of the items.

The Delivery Note is focused on providing information about the items that are being delivered. At the end of a period (usually a month) the supplier sends an invoice that summarises the items that were delivered during that period. The invoice contains represents a claim for payment and contains all information required by Consumption tax law as a Qualified Invoice, in principle.

Image of Summarised Invoice (case 1)



Document type code: 380

PINT data model

Peppol Specifications for PINT

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Semantic model

Id	Business Term	Section	Card.	Definition
IBT-001	Invoice number	Shared	1..1	A unique identification of the Invoice.
IBT-002	Invoice issue date	Shared	1..1	The date when the Invoice was issued.
IBT-168	Invoice issue time	Shared	0..1	The time of day when an invoice was issued
IBT-003	Invoice type code	Shared	1..1	A code specifying the functional type of the Invoice.
IBT-005	Invoice currency code	Shared	1..1	The currency in which all Invoice amounts are given, except for the Total TAX amount in accounting currency.
IBT-006	Tax accounting currency	Aligned	0..1	The currency used for TAX accounting and reporting purposes as accepted or required in the country of the Seller.
IBT-007	TAX point date	Aligned	0..1	The date when the TAX becomes accountable for the Seller and for the Buyer in so far as that date can be determined and differs from the date of issue of the invoice, according to the TAX directive.
IBT-008	TAX point date code	Aligned	0..1	The code of the date when the TAX becomes accountable for the Seller and for the Buyer.
IBT-009	Payment due date	Shared	0..1	The date when the payment is due.
IBT-010	Buyer reference	Shared	0..1	An identifier assigned by the Buyer used for internal routing purposes.

Singapore data model

IBT-113	• Paid amount	Shared	0..1	The sum of amounts which have been paid in advance.
IBT-114	• Rounding amount	Shared	0..1	The amount to be added to the invoice total to round the amount to be paid.
IBT-115	• Amount due for payment	Shared	1..1	The outstanding amount that is requested to be paid.
IBG-37	DOCUMENT TOTALS IN TAX ACCOUNTING CURRENCY	Aligned	0..1	A group of business terms providing the monetary totals for the Invoice in the tax accounting currency.
IBT-111	• Invoice total TAX amount in tax accounting currency	Aligned	0..1	The TAX total amount expressed in the accounting currency accepted or required in the country of the Seller.
IBT-194	• Invoice total amount without TAX in tax accounting currency	Distinct	0..1	The total amount of the Invoice without TAX expressed in the tax accounting currency accepted or required in the country of the Seller.
IBT-195	• Invoice total amount with TAX in tax accounting currency	Distinct	0..1	The total amount of the Invoice with tax expressed in the tax accounting currency accepted or required in the country of the Seller.
IBG-38	• TAX BREAKDOWN IN ACCOUNTING CURRENCY	Aligned	0..n	A group of business terms providing information about TAX breakdown by different categories, rates and exemption reasons in the invoice accounting currency.
IBT-192	• • TAX category code for tax category tax amount in accounting currency	Aligned	0..1	Coded identification of a TAX category in the invoice accounting currency.

PINT syntax binding

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Syntax binding

BT Id	Semantic Card.	Term	Syntax Card.	Syntax Element
			1..1	ubl:Invoice
IBT-024	1..1	Specification identifier	1..1	cbc:CustomizationID
IBT-023	1..1	Business process type	1..1	cbc:ProfileID
IBT-001	1..1	Invoice number	1..1	cbc:ID
IBT-002	1..1	Invoice issue date	1..1	cbc:IssueDate
IBT-168	0..1	Invoice issue time	0..1	cbc:IssueTime
IBT-009	0..1	Payment due date	0..1	cbc:DueDate
IBT-003	1..1	Invoice type code	1..1	cbc:InvoiceTypeCode
IBT-022	0..1	Invoice note	0..1	cbc:Note
IBT-007	0..1	TAX point date	0..1	cbc:TaxPointDate
IBT-005	1..1	Invoice currency code	1..1	cbc:DocumentCurrencyCode

PINT code lists

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Code lists

Identifier	Name/Description
UNCL5189	Allowance or charge identification code (Subset: Peppol) Code specifying the identification of an allowance or charge.
UNCL7161	Charge reason code
ISO3166-1:Alpha2	Country codes
ISO4217	Currency codes
UNCL2005	Date or time or period function code qualifier (Subset: Peppol) Code qualifying the function of a date, time or period.
UNCL1001	Document name code (Subset: Invoice type code)
EAS	Electronic Address Scheme (EAS)
UNCL1153	Invoiced object identifier scheme
ICD	ISO 6523 ICD list
UNCL7143	Item type identification code
IANAMT	Media Types (Subset: PINT)
UNCL4461	Payment means code

Singapore code lists

SINGAPORE electronic document specifications

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GST-cat

Codes specifying GST categories in Singapore.

About

Codes

Code	Name/Description
SR	Standard rated (7%) Local supply of goods and services
SRCA-S	Standard rated Customer accounting supply made by the supplier
SRCA-C	Standard rated (7%) Customer accounting supply made by the customer on supplier's behalf

PINT rules

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Rules

[Shared PINT rules](#)

These are rules that are shared by all implementation of PINT compliant invoices. If any of these rules fails when validating an invoice message then that invoice is not a valid PINT invoice.

PINT shared business rules

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Shared PINT rules

These are rules that are shared by all implementation of PINT compliant invoices. If any of these rules fails when validating an invoice message then that invoice is not a valid PINT invoice.

Identifier	Message
ibr-001	[ibr-001]-An Invoice MUST have a Specification identifier (ibt-024).
ibr-002	[ibr-002]-An Invoice MUST have an Invoice number (ibt-001).
ibr-003	[ibr-003]-An Invoice MUST have an Invoice issue date (ibt-002).
ibr-004	[ibr-004]-An Invoice MUST have an Invoice type code (ibt-003).
ibr-005	[ibr-005]-An Invoice MUST have an Invoice currency code (ibt-005).
ibr-006	[ibr-006]-An Invoice MUST contain the Seller name (ibt-027).
ibr-007	[ibr-007]-An Invoice MUST contain the Buyer name (ibt-044).
ibr-008	[ibr-008]-An Invoice MUST contain the Seller postal address (ibg-05).
ibr-009	[ibr-009]-The Seller postal address (ibg-05) MUST contain a Seller country code (ibt-040).

EU PINT business rules

Peppol Specifications for the EU implementation of PINT

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Rules

[EN16931 specific PINT rules](#)

These rules are necessary to comply to the EN 16931 invoicing standard.

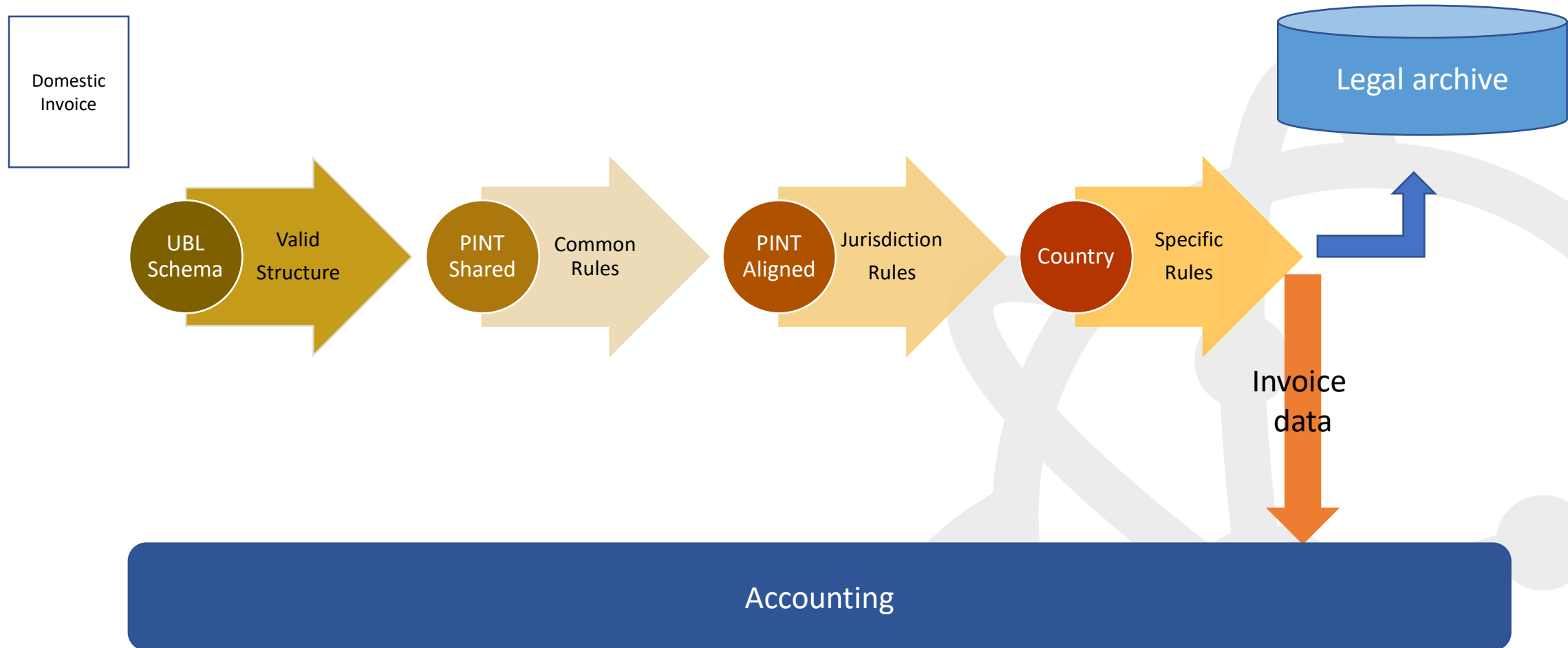
[EU Peppol specific PINT rules](#)

These rules are Peppool specific in Europe for intra jurisdiction invoices and shall be applied by all senders who are creating invoices that shall comply with requirements of in that jurisdiction. They are only applied by receiver who have a receiving capability for the jurisdiction invoice. Overseas receivers who are receiving invoices from the jurisdiction but do not have a specific receiving capability for those will only apply the shared PINT rules and ignore these.

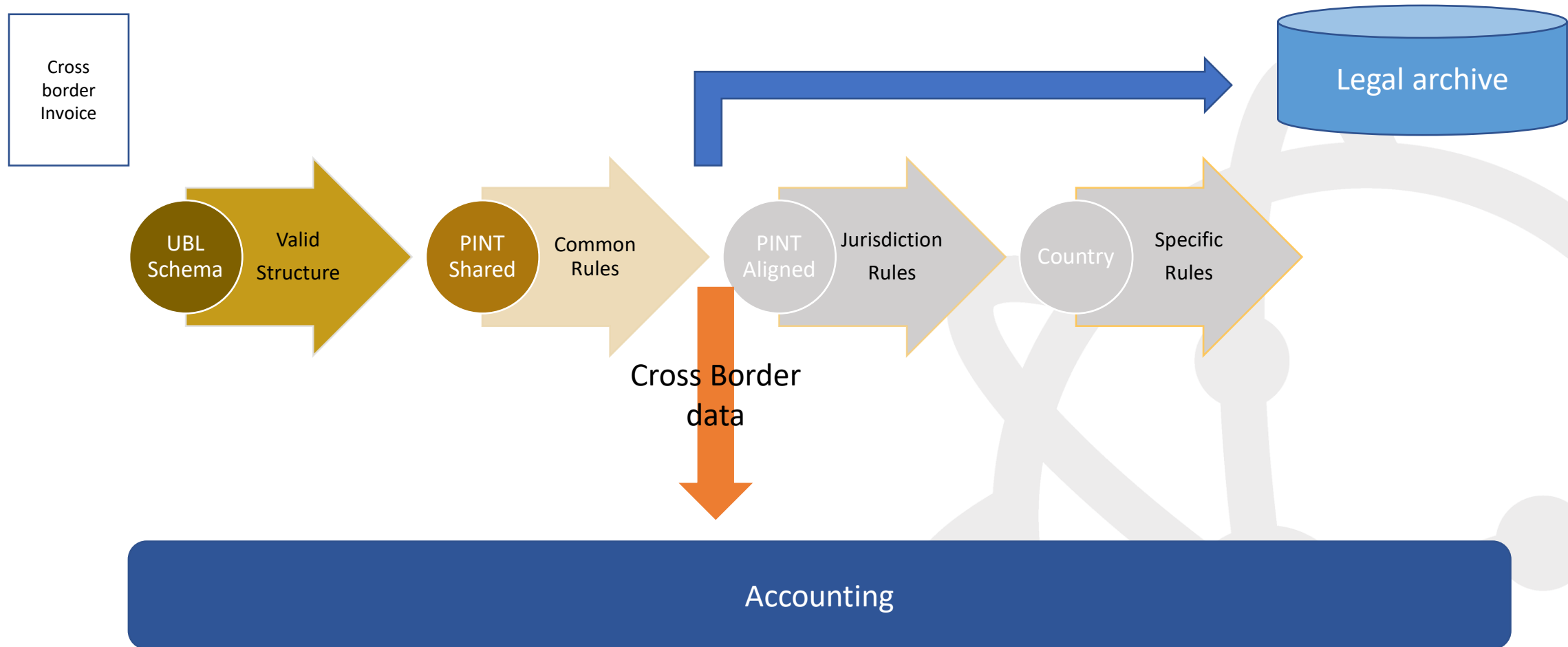
[Shared PINT rules](#)

These are rules that are shared by all implementation of PINT compliant invoices. If any of these rules fails when validating an invoice message then that invoice is not a valid PINT invoice.

Validation process



Validation process





THANK YOU!

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INFORMATION**

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