



10th meeting of the eDelivery Informal Cooperation Network

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Presentation of Peppol, an open AS4 network for exchanging business documents

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Peppol

The future is open

Overview of Peppol

E-Delivery Informal Cooperation Network

2024.05.15

www.peppol.org

Peppol is owned by OpenPeppol AISBL

About Peppol and OpenPeppol

Peppol is what we do

A global ecosystem for the exchange of electronic invoices and other business documents

OpenPeppol is who we are

An international Association based in Brussels, with members from 45 countries all over the world

Peppol stakeholders

Peppol Authorities

They are policy enablers that drive Peppol adoption in a jurisdiction

Currently, all Peppol Authorities are Government departments or agencies

Service Providers

They provide business process interoperability between End Users

All provide Peppol Access Point services and some also provide Addressing and Capability Lookup Services

End Users

Buyers and sellers that send and receive business documents

End Users are **not required** to be OpenPeppol members to send and receive Peppol messages

Key membership indicators

20

Countries
with Peppol
Authorities

45

Countries with
OpenPeppol
members

372
(of 612)

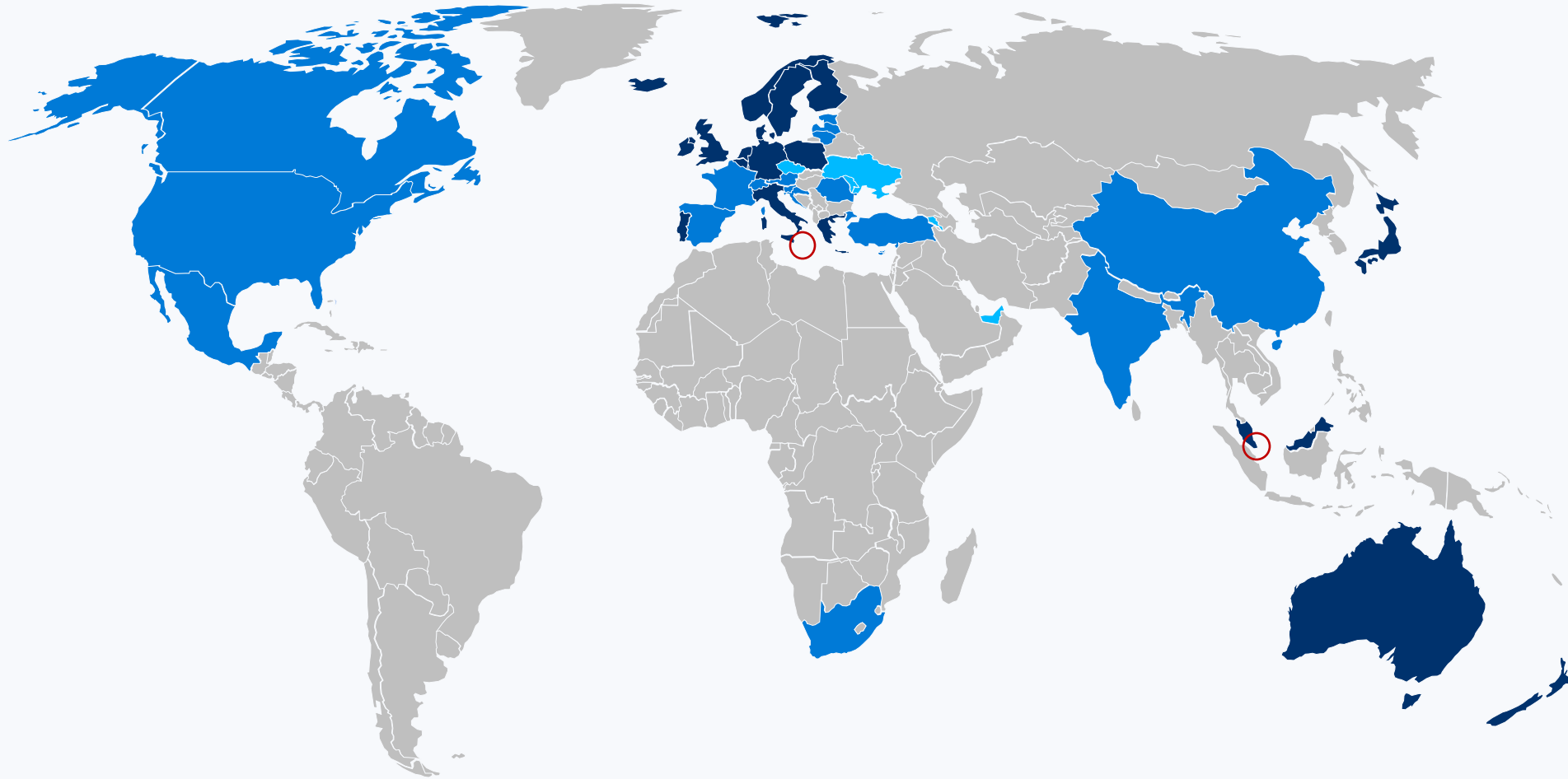
Total number of
Certified SPs (part
of all members)

1.016.364

Receivers in the
Peppol Network
(2024.04.08)

World map of OpenPeppol membership

(45 countries)



- Countries with Peppol Authorities and Certified Service Providers
- Countries with Certified Service Providers
- Countries with other member types

Armenia	Luxembourg
Australia	Malaysia
Austria	Malta
Belgium	Mexico
Canada	Moldova
China	Netherlands
Croatia	New Zealand
Cyprus	Norway
Czechia	Poland
Denmark	Portugal
Estonia	Romania
Finland	Singapore
France	Slovenia
Germany	South Africa
Greece	Spain
Iceland	Sweden
India	Switzerland
Ireland	Turkey
Italy	UAE
Japan	UK
Latvia	Ukraine
Liechtenstein	USA
Lithuania	

What is needed for interoperability?

Governance

Network

Specifications

The Peppol Interoperability Framework meets these needs through

**Legal agreements,
policies, and procedures
between stakeholders**

Defines the rules under
which Peppol activity is
undertaken

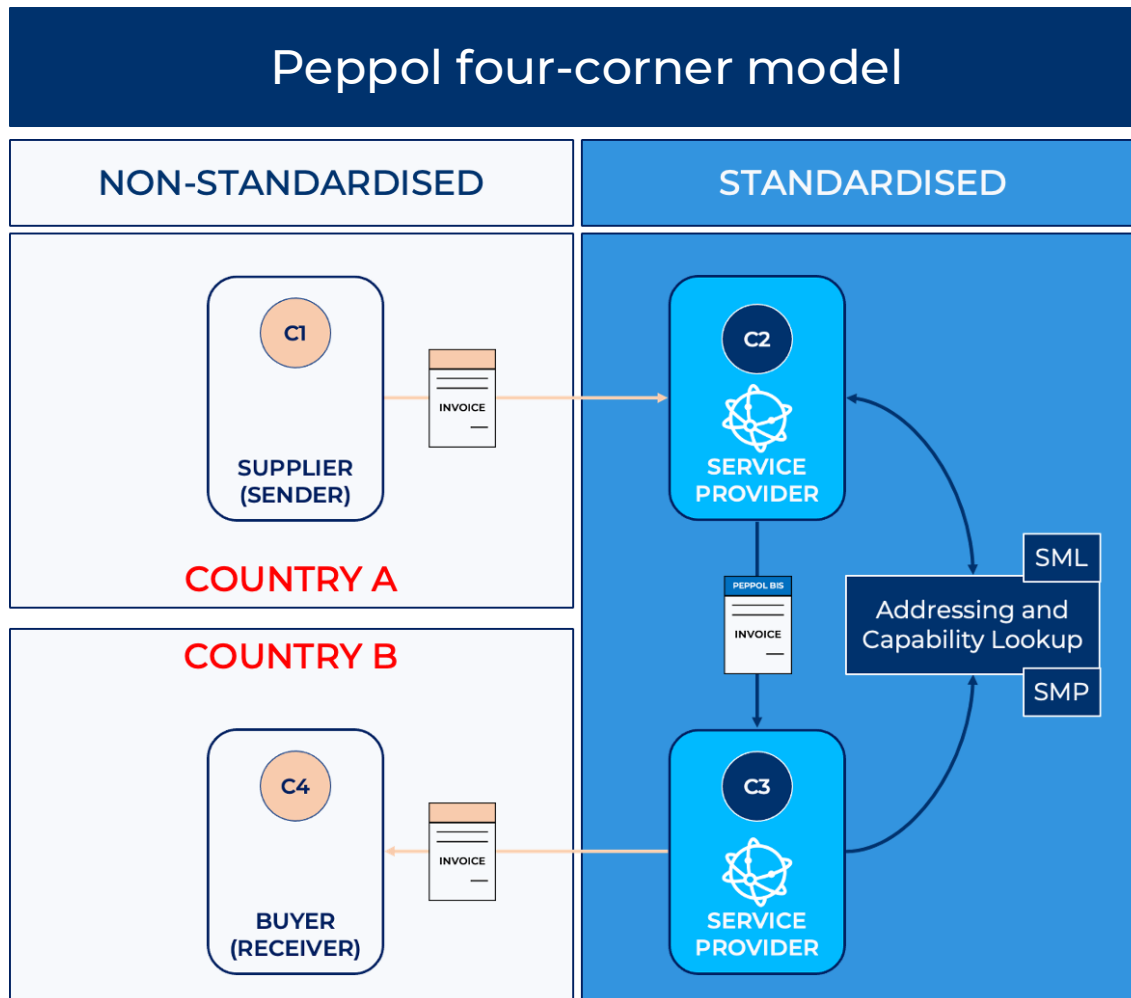
**Network architecture
with a four-corner
model**

Enables Peppol-certified
Service Providers to
send and receive
Peppol documents

**Peppol Business
Interoperability
Specifications**

Process flow, document
content and format
exchanged between
Service Providers

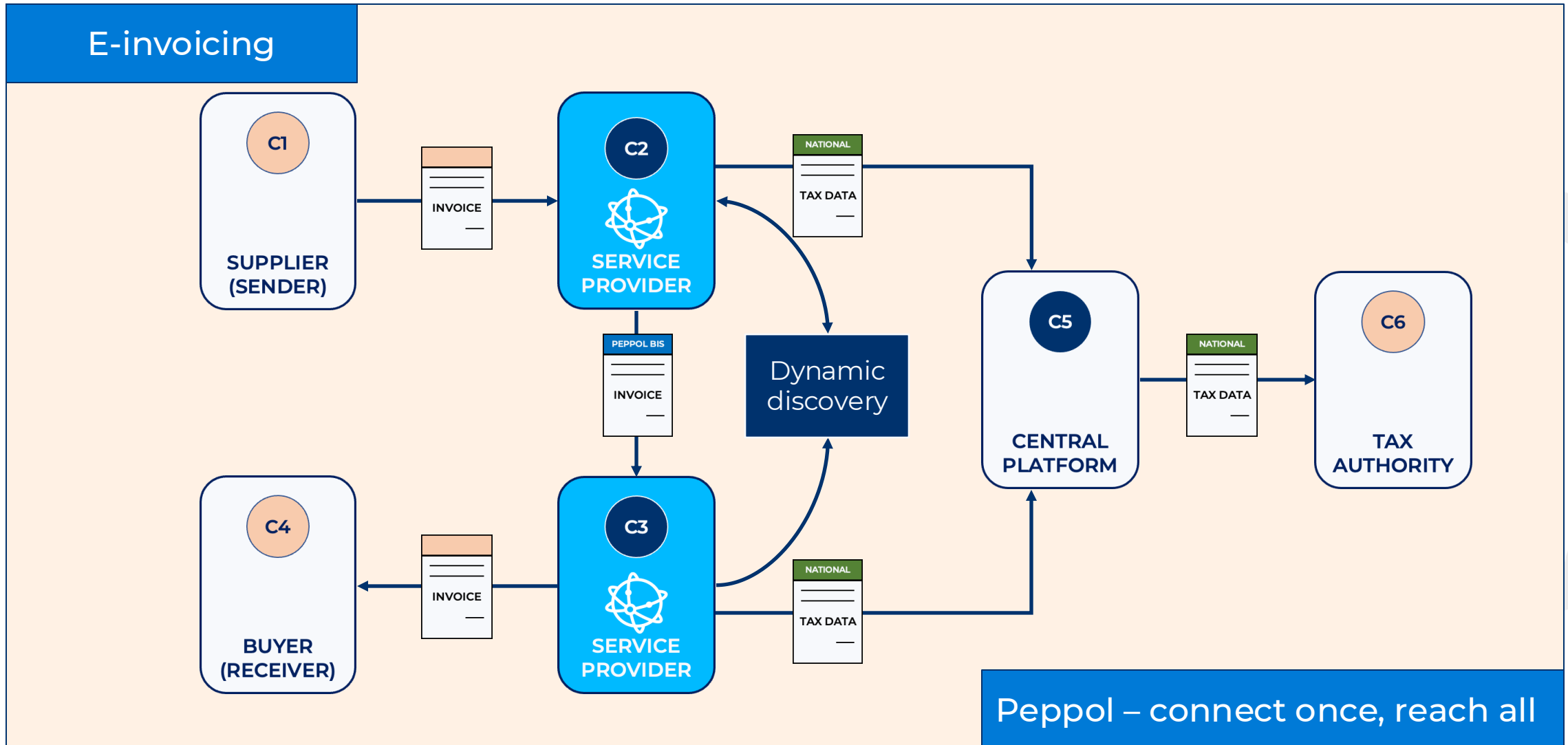
The Peppol Network



A collaborative approach

- While Peppol service providers compete, they cooperate within OpenPeppol to develop specifications
- On the network level, OpenPeppol is collaborating with other networks to promote global interoperability and the four-corner model:
 - Global Interoperability Forum (GIF)
 - GENA(formerly EESPA)
 - OFS Portal
 - DBN Alliance

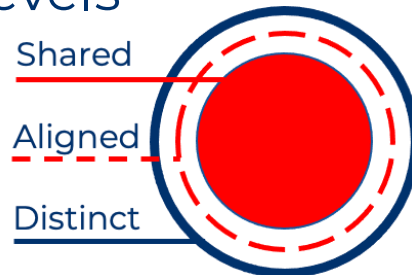
Peppol for e-invoicing and Digital Reporting



PINT - Peppol International document model

- Based on the invoice document
- Globalisation of Peppol BIS Billing 3.0
 - extends in a way that can be restricted back to the same

• Three levels



- Shared level provides the global interoperability
- Can be applied to other documents



Shared (c80%)

- Defined and used in the same way across all PINT specifications (semantic meaning, code lists and rules)
- Must be supported in the same way in all specialisations



Aligned (c15%)

- Defined in general terms and can be understood by all domains
- Can be specialised (restricted) to support specific invoicing requirements

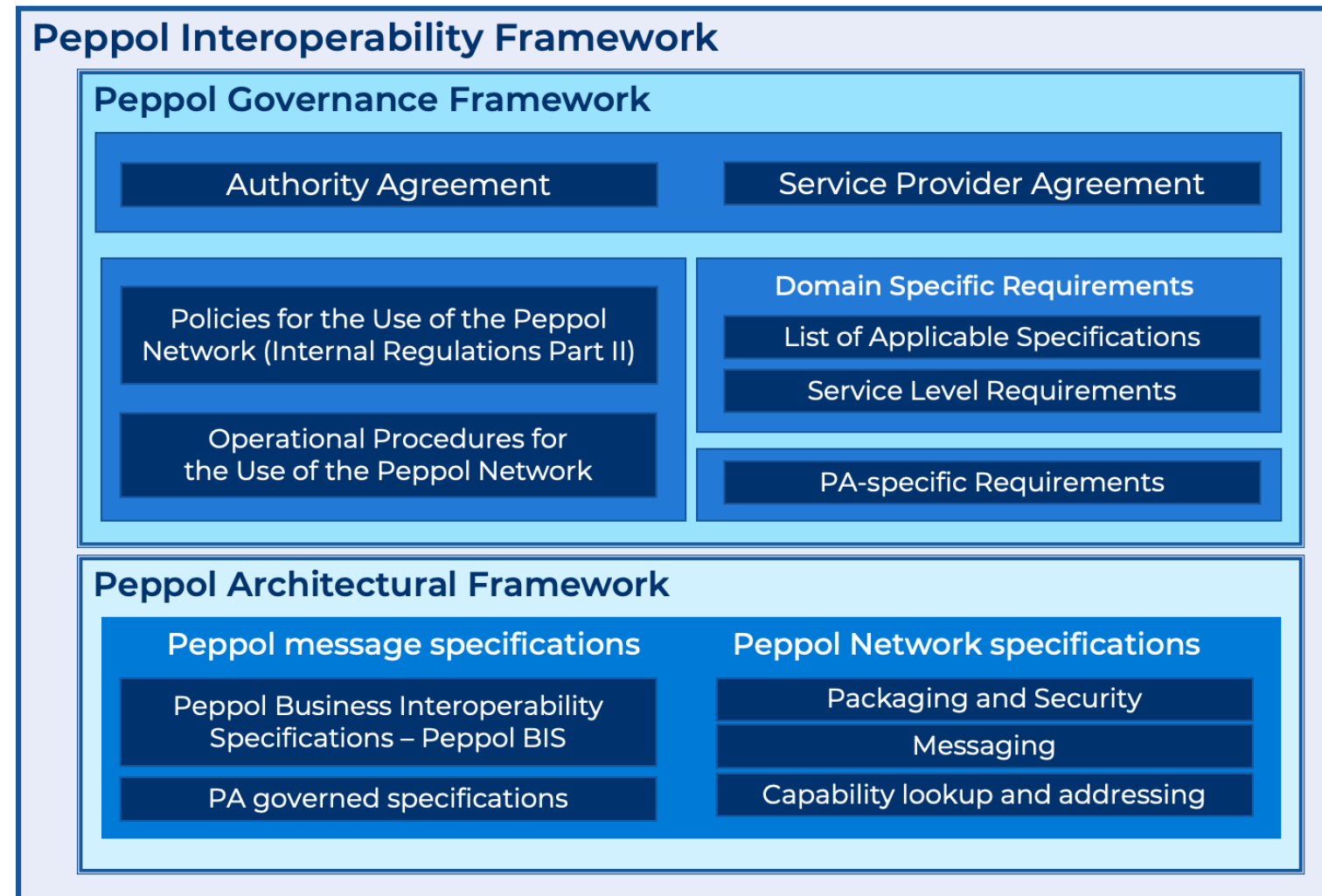


Distinct (c5%)

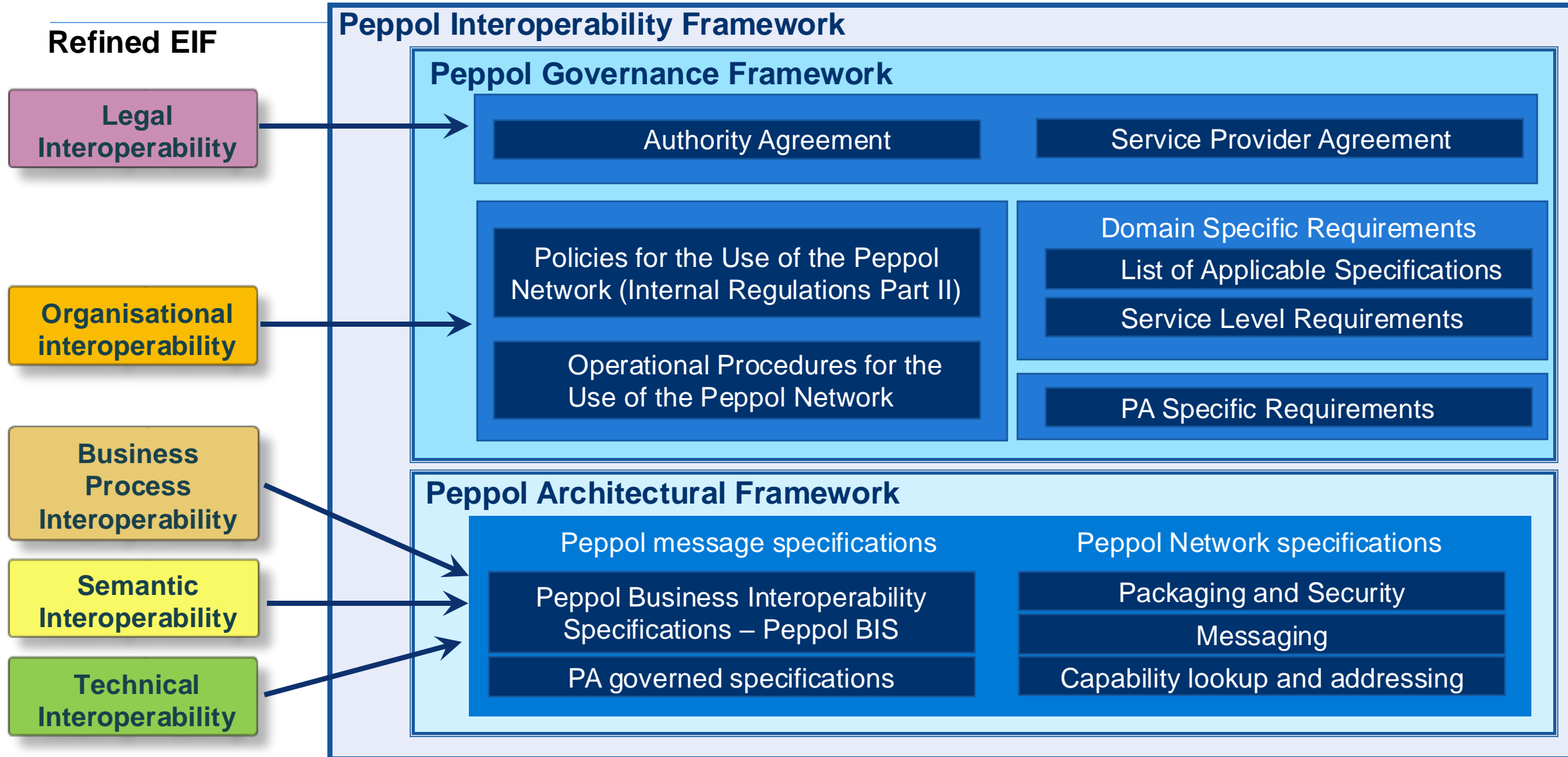
- To support domain-specific requirements. Receivers may not necessarily understand this layer, unless they specifically advertise support for the specialisation
- Allows jurisdictions to add rules and include additional elements that may not have general application

Peppol Interoperability Framework

- Based on 10 years of experience on what is needed for cross-sector and cross-border interoperability
- Development supported by public authorities and private service providers
- Supports business process interoperability for the electronic exchange of business documents
- Aligned to the Global Interoperability Framework



Peppol Interoperability Framework vs. EIF



Use of Peppol in different business domains

- Introduce new Service Domains
- Suitable for many-to-many B2B and B2G use cases

**Create a stakeholder
Community**

Analyze Business Processes

**Define Business
Interoperability Specifications**

Use the eDelivery Network

Peppol Interoperability Framework

Peppol Governance Framework

Authority Agreement

Service Provider Agreement

Policies for the Use of the Peppol
Network (Internal Regulations Part II)

Domain Specific Requirements

List of Applicable Specifications

Service Level Requirements

Operational Procedures for
the Use of the Peppol Network

PA-specific Requirements

Peppol Architectural Framework

Peppol message specifications

Peppol Network specifications

Peppol Business Interoperability
Specifications – Peppol BIS

Packaging and Security

Messaging

PA governed specifications

Capability lookup and addressing

Why Peppol? The value

The **Peppol framework** enables interoperability and efficiency
B2G and B2B

The IT industry can leverage Peppol as an infrastructure to provide a variety of services to the market

End Users, particularly businesses, have one channel for digitization and interoperability of many business processes

Peppol
Connect once – reach all



Thank you!

More information
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www.peppol.org



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Thank you

& stay in touch

