



# 10<sup>th</sup> meeting of the eDelivery Informal Cooperation Network

15 May 2024



# eDelivery updates

**Bogdan Dumitriu**



# eDelivery updates



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*Monitoring & data spaces*
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- 3 Profile updates**  
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- 4 Product updates**  
*Domibus, DomiSMP, DomiSML*
- 5 eDelivery services**  
*Communication & conformance testing*



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1

# eDelivery news

Monitoring and data spaces





# eDelivery Monitoring Dashboard

[Display the dashboard](#)

## Engagement

16

events organized in last 4 quarters

[LEARN MORE](#)

697

attendees at events in last 4 quarters

[LEARN MORE](#)

1,451

eDelivery newsletter subscriptions

(▲ 11 more subscriptions since last quarter)

[LEARN MORE](#)

# #

## Engagement

We report on events, attendees and newsletter subscribers.

\*Data from Q1 2024



# eDelivery Monitoring Dashboard

[Display the dashboard](#)

## Reuse of eDelivery



# #

## Reuse of eDelivery

Ecosystems report on:

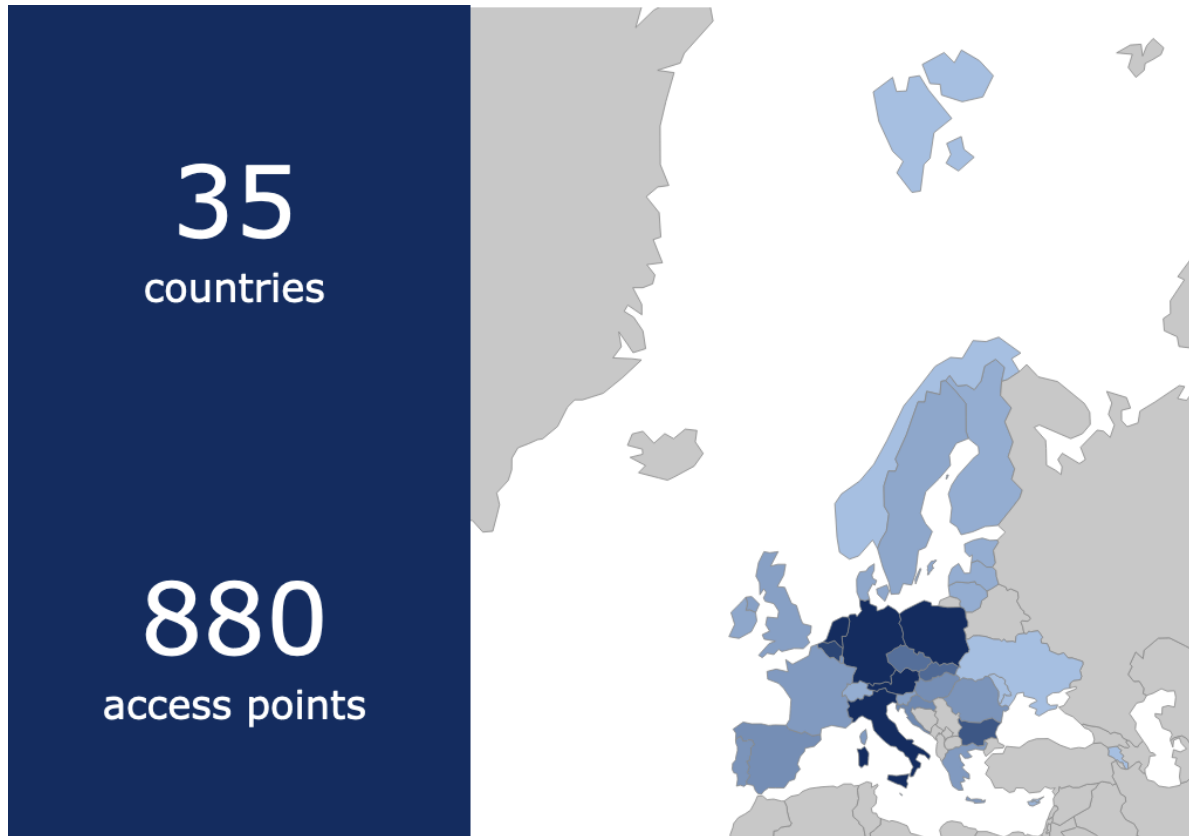
- **The number of Access Points**
- Exchanged messages in the last 4 quarters
- **Interconnected public organisations**
- **Interconnected private organisations**

\*Data from Q1 2024



# eDelivery Monitoring Dashboard

[Display the dashboard](#)



## # Map of Access Points by ecosystem

The map shows Access Points that belong to eDelivery digital ecosystems per country.



# eDelivery in Data Spaces

The DSSC published version 1.0 of the Data Spaces Blueprint, where eDelivery falls under the ‘Data Exchange Building Block’

## Recommended Standards

Although specific APIs can sometimes be necessary, an initial adoption of a **general-purpose API** is recommended. This API has to be **independent from the data structure** to be shared. *It also needs to provide features for executing complex queries. Notably, support for temporal queries (during specific time periods) or geoqueries (in particular areas) should be available, supplementing basic operations such as creating, modifying, updating and removing contents.* As long as the participants in the data space are unknown, the standard should be **well-documented** and **available in the market** to facilitate their participation in the data space.

DSSC Blueprint v1.0 – [Data Exchange](#)



# eDelivery in Data Spaces



To ensure Data Spaces *with* eDelivery:

- EC continues eDelivery positioning efforts;
- MS can do the same;
- Apply to join the “Technology of Data Spaces” group and consider joining the session on 4 July on “Data Space Connectors”!
- OOTS (powered by eDelivery) presented in 8 May 2024 meeting of the group

# eDelivery in Data Spaces



## eDelivery in existing/planned data spaces:

- OOTS – live since December 2023
- HealthData@EU – piloting activities ongoing: eDelivery piloted NCP-to-NCP
- HealthData@EU – central services @ EC: eDelivery to be used for NCP-to-central-services communication
- European Mobility Data Space (EMDS) – eDelivery team involved in EMDS analysis

## Looking ahead

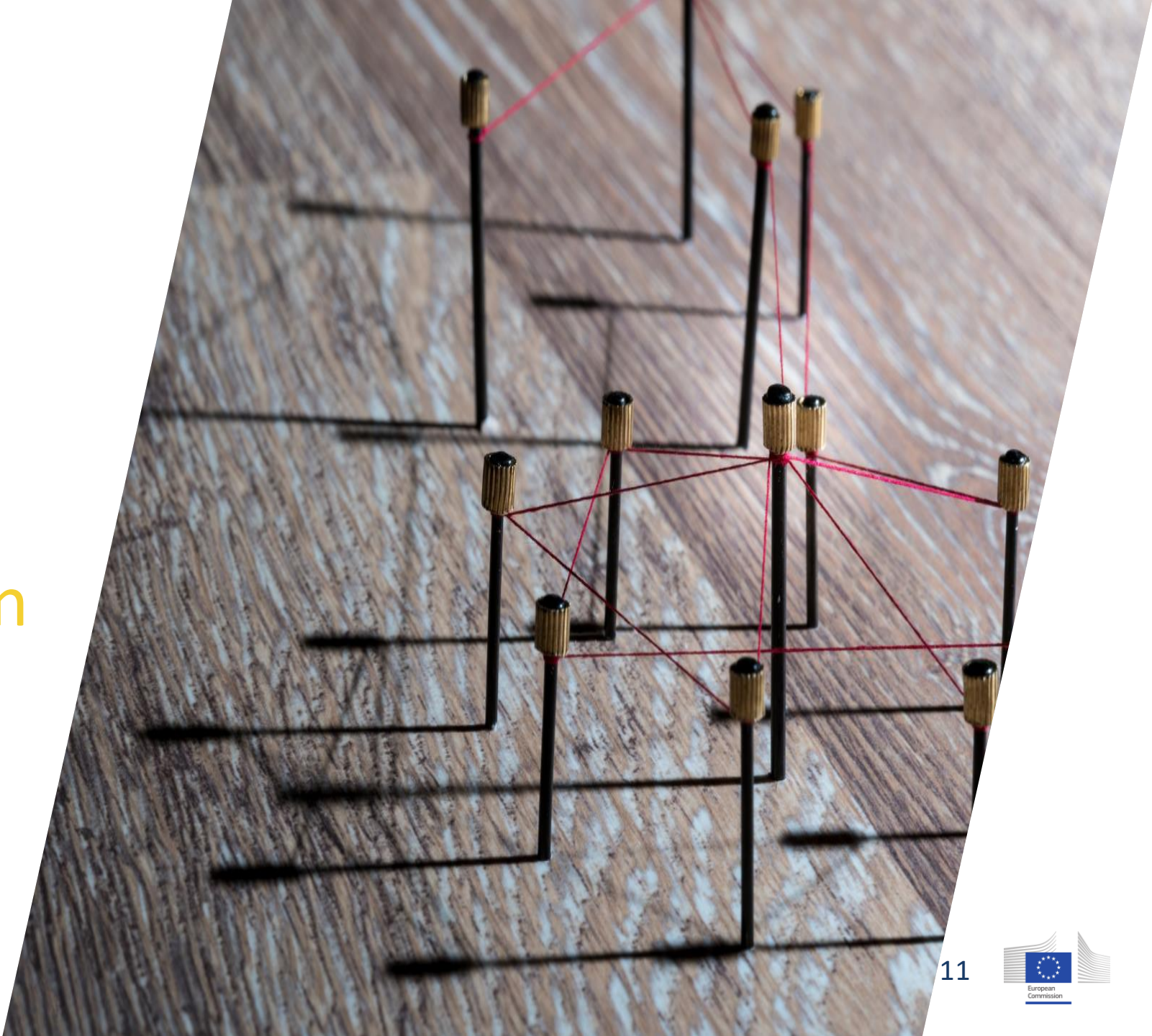
- Work on Simpl started, dedicated presentation later today

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# 02

## eDelivery adoption

eDelivery in new digital ecosystems



# eDelivery onboarding race



## SET UP

COMMITMENT GATE

PHASE	PROSPECTING	ELICIT requirements	DESIGN eDelivery infrastructure	SELECT eDelivery solutions	DEPLOY eDelivery solutions	OPERATE eDelivery solutions	
EC Policy Projects	EU Student eCard <b>DG CNECT</b>	eTransport Docs <b>DG MOVE</b>	DTLF/eFTI Regulation <b>DG MOVE</b>	eHealth Data Space Pilot <b>DG SANTE</b>	eHealth (SMP) <b>DG SANTE</b>	ODR <b>DG JUST</b>	e-Justice   e-CODEX <b>DG JUST / ENISA</b>
	Customs Single Window <b>DG TAXUD</b>	FLUX TL <b>DG MARE</b>			TACHOnet <b>DG MOVE</b>	eProcurement (*) <b>GROW   DIGIT</b>	ELRC <b>DGT</b>
	Digital Criminal Justice <b>DG JUST</b>	NIVA project <b>REA/AGRI/CNECT</b>			EMSWe <b>DG MOVE</b>	BRIS <b>DG JUST</b>	eInvoicing <b>DG GROW</b>
	Carbon Border Adjustment Mechanism (CBAM) <b>DG TAXUD</b>					EPREL <b>DG ENER</b>	EU-CEG <b>DG SANTE</b>
	CISE <b>DG MARE</b>					PNR (regulated) <b>DG HOME</b>	European Crew Database <b>DG MOVE</b>
	Exchange of road-safety-related traffic offences <b>DG MOVE</b>					eEvidence DES <b>DG JUST</b>	IRI <b>DG JUST</b>
	ODOCAR <b>DG MOVE</b>					eTranslation <b>DGT</b>	ICS2 / TAPAS <b>DG TAXUD</b>
Member State led projects (including CEF grants)			Utdataprojektet <b>DIGG</b>	EDI4STEEL <b>TNO (NL)</b>	Secure Digital Communication <b>DIGG</b>	Slovenian Supreme Court – Registered delivery <b>SI</b>	Peppol (eInvoicing) <b>Multiple MS</b>
			X-Road <b>NIIS</b>			Croatian Post – Electronic Delivery of Post Documents <b>HR</b>	Portugal's Logistics Single Window (e-Impact, EUPLe) <b>PT</b>
			Dutch Energy Market <b>NEDU</b>			Digital eDelivery of registered mail in Cyprus <b>CY</b>	iADAATPA <b>Multiple MS</b>
			Global Interoperability Framework <b>EESPA</b>			Digital Post in Denmark (e-Boks) <b>DK</b>	
Other institutions	EASA	SafeSeaNet <b>EMSA</b>	OSS system <b>European Agency for Railways</b>			eDocX2017 <b>DG HOME (EMCDDA)</b>	ENTSOG <b>Gas operators</b>
	OLAF	RegCom <b>Sec Gen + Parliament</b>	European Public Prosecutor's Office			PCN system <b>European Chemicals Agency</b>	CiXP <b>The European Council</b>
	Eurojust					Transparency register <b>Sec Gen + Parliament</b>	
	EMA						
	European Citizens' Initiative						
	PrepDSpace4Mobility						
	ATHINA HERA						

(\*) Also part of PEPPOL

Pilot/PoC projects

NEW

# Central Electronic System of Payment information (CESOP)



- **Purpose:** CESOP is designed to enhance EU Member States' abilities to combat VAT fraud through improved transparency in cross-border payments.
- **Functionality:** Payment service providers in the EU must report the recipients of more than 25 cross-border payments per quarter starting from April 2024. This data is centralised in CESOP for analysis.
- **Use:** CESOP makes the data accessible to anti-fraud experts across Member States, aiding in the detection of possible VAT fraud, particularly in e-commerce.
- **eDelivery** used for data transfer from MS authorities to DG TAXUD (first large transfer successful in April).

# Carbon Border Adjustment Mechanism (CBAM)



- An EU initiative designed to address carbon leakage by ensuring that the price of imports reflects their carbon content.
- **Purpose:** CBAM charges a fee on imports of carbon-intensive goods to match the EU's carbon pricing, preventing companies from relocating production to avoid higher standards.
- Begins with a transitional phase from 2023 to 2026, leading up to full implementation by 2026.
- **Goods covered:** Initially applies to cement, iron and steel, aluminium, fertilisers, electricity and hydrogen.
- **Transitional phase:** Importers report greenhouse gas emissions without needing to buy certificates; full reporting requirements will gradually take effect.
- From 2026, importers must register and buy CBAM certificates corresponding to the carbon emissions of their imports.
- **eDelivery (TAPAS)** assessed for secure system-to-system communication with CBAM central platform.

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# 03

## Profile updates

Changes to eDelivery profiles






# eDelivery 2.0 profiles roadmap

2024

2025



Second public consultation

March/April



Interoperability Forum

18 April



Interoperability Event

11 & 25 June



Publication

2<sup>nd</sup> half of 2024



Interoperability Forum

24 October



Product support & roll-out in projects

2025 onwards

**We are here**





# Current draft 2.0 specifications

The public consultation on the updated drafts of the eDelivery 2.0 specifications was open from **8 March to 8 April 2024**.

eDelivery AS4 profile version 2.0 (2024 draft)

eDelivery SMP profile version 2.0 (2024 draft)

eDelivery BDXL profile version 2.0 (2024 draft)

eDelivery ebCore Party Id profile version 2.0 (2024 draft)

**Disposition of public review comments pending**



# Dynamic Discovery in OOTS

## Context

- Once-Only Technical System study on the use of dynamic discovery identified several gaps.
- An OOTS decision to use dynamic discovery will call upon the eDelivery Building Block to address these gaps.

## EU goes Once Only

The Once-Only Technical System is the first EU-wide cross-sectorial and cross-domain dataspace for secure government-to-government data exchange. Send a request as an EU citizen or business and it will simplify your online administrative procedures.





# Dynamic Discovery gaps

- **Gap 1:** Allow hybrid approach between 4-corner model (for messaging) and point-to-point model (for dynamic discovery)
- **Gap 2:** Ensure confidentiality of the SMP metadata (URL)
- **Gap 3:** Support for C3 node requesting sender (C2) certificate



# Cooperation with ETSI

Following public consultation, ongoing eDelivery-ETSI discussions to:

- Align on AS4 mapping in the newly proposed framework for ERDS (as part of the eIDAS2 review/restructuring)
- Assess if ETSI can play a role in filling some of the standardisation gaps in standards used by eDelivery



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04

## Product updates

Domibus, DomiSMP & DomiSML



# Product updates: Domibus development

- Focus of last 6 months: maintenance/support due to growing product complexity and growing user base
  - Docker images
  - QA issues
  - Platform evolution/issues
  - Major library replacement for security assurance
  - Increasing performance demands
- Latest releases: Domibus 5.0.8 and 5.1.4 resolving a large number of issues



# Product updates: Domibus development

- Further activities:
  - Moved technical documentation to new site
  - Implemented changes to security patching approach
  - Separated SQL scripts for upgrades
  - Contribution to Java libraries related to new 2.0 specifications
- Current activities:
  - Preparing Domibus POC for testing 2.0 specs during Interoperability Event
  - Work on Domibus 5.2 (long-support version) to be released in Q4 2024

# Product updates: Secure deployment guidelines for Domibus

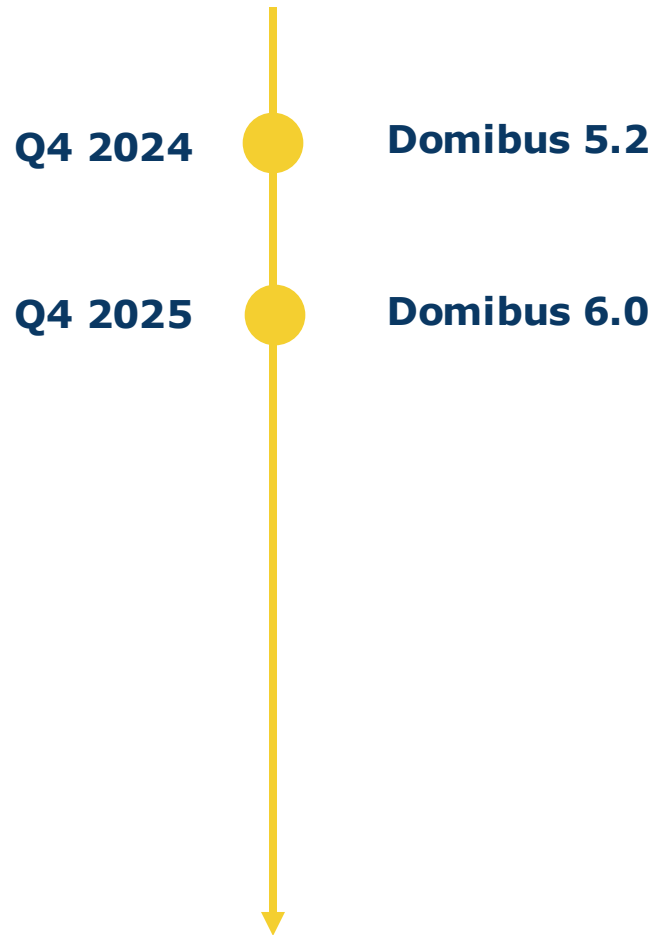


- Security patches will only be issued for Domibus installations that comply with the Domibus Secure Deployment Recommendations.
- Emergency security patches will be prioritised for compliant installations. Non-compliant setups will see slower responses to security vulnerabilities.
- Community was advised to review and align their Domibus deployments with the secure deployment guidelines by 1 May 2024 to ensure they receive timely security updates.





# Product updates: Domibus roadmap



- **Domibus 5.2** release postponed to the end of 2024 (Java 11, WebLogic 14c, Tomcat 9, Oracle 19c, no 12c, possibly HSM support).
- Both the **5.1.x** and **5.0.x** lines will receive support until end Q2 2025 (six months following the final release of Domibus 5.2)
- **Domibus 6.0** release postponed to the end of 2025 (very tentative, support for eDelivery 2.0 profiles, Java 17, Tomcat 10).



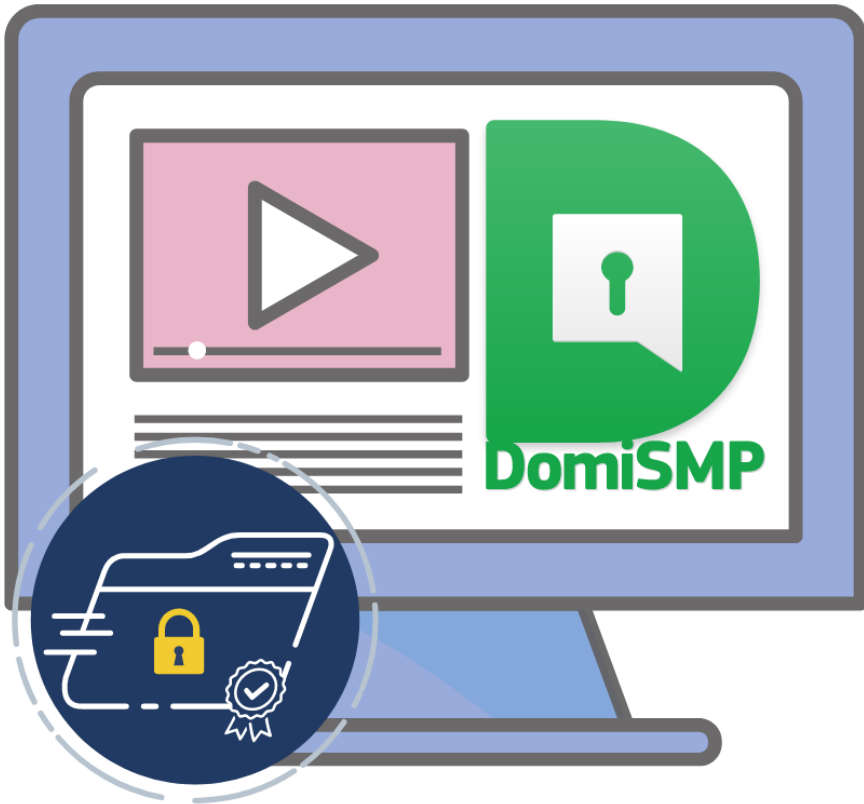
# Product updates: DomiSMP how-to videos

[Learn more about videos](#)

[Watch YouTube playlist](#)

**Videos published so far:**

- [eDelivery Dynamic Discover Client \(DDC\)](#)
- [Introduction to Dynamic Delegation Discovery System \(DDDS\) infrastructure](#)
- [Spring Boot deployment of DomiSMP](#)
- [DomiSMP user interface overview and user settings](#)
- [DomiSMP resource location and permissions](#)



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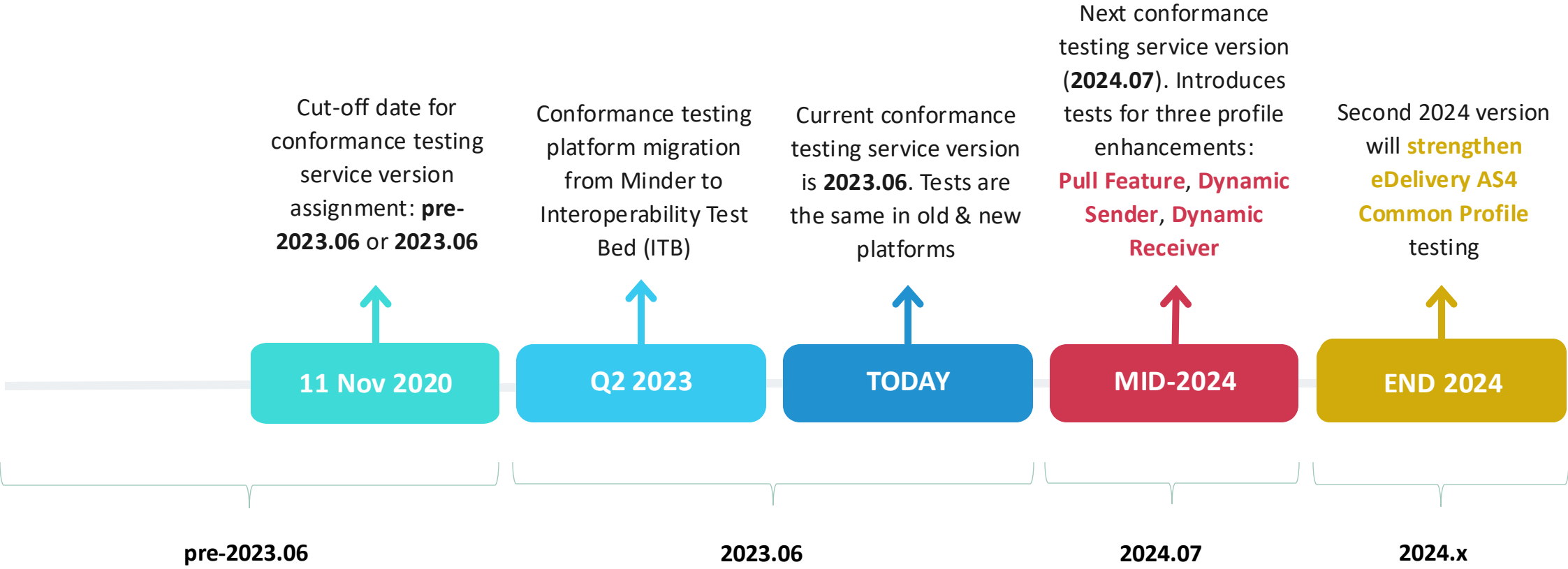
# 05

## eDelivery services

Events, communication &  
conformance testing

Services

# Conformance testing service roadmap



# eDelivery conformant solutions listing



**Launch date:** 20 May 2024 (currently under review by conformant solution providers)



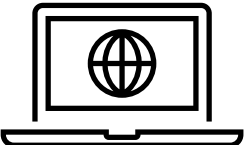

## **Benefits:**

- New design for friendlier visualisation & access to information
- Separate listings for products & services
- Display of testing service version & conformance badges
- Traffic-lights system to highlight recently tested solutions

# eDelivery conformant solutions listing

→ [Live demo](#)



Product	Testing	Conformance	Reports	Actions
<p>Solution tested recently <a href="#">↗</a></p> 	<p>📅 Tested on 8 Aug, 2023</p> <p>Conformance since 17 Jul, 2019</p>	<p>eDelivery AS4</p> <p>2023.06 v1.15</p>  <p>4C SB DR</p> <p>DS EG EG</p>	<p>Download report <a href="#">↓</a></p> <p>Previous versions <a href="#">↕</a></p> <p>Visit webpage <a href="#">↗</a></p> <p>Read product information <a href="#">↗</a></p> <p>Contact vendor <a href="#">✉</a></p> <p>Last update: 17 Mar, 2023</p>	<p>🏠 ⋮</p>
<p>Solution tested over 3 years ago <a href="#">↗</a></p> 	<p>📅 Tested on 5 Feb, 2020</p>	<p>eDelivery AS4</p> <p>pre-2023.06 pre-1.15</p>  <p>4C SB DR</p> <p>DS EG EG</p>	<p>Download report <a href="#">↓</a></p> <p>Previous versions <a href="#">^</a></p> <p>2018.01 - v1.14 report <a href="#">↓</a></p> <p>2017.06 - v1.14 report <a href="#">↓</a></p> <p>2017.01 - v1.14 report <a href="#">↓</a></p>	<p>🏠 ⋮</p>

## How-to video series

DomiSMP 5.0 new features  
[Watch now](#)

New features in Domibus 5.1 and 5.2  
Available in Q4

## Community meetings

Interoperability Event  
11 & 25 June

Meeting of eDelivery Interoperability Forum  
24 October

11th meeting of eDelivery Informal Cooperation Network 19 November

# eDelivery Events 2024



## Webinars



Dynamic discovery  
26 September

eDelivery value proposition  
12 December

## External

PEPPOL's eInvoicing and eReporting Conference 2024  
30 May

SEMIC  
27 June

# eDelivery Value Proposition Webinars



## 2<sup>nd</sup> webinar Testimonials from national digital ecosystems: volunteers wanted!

Let us know if you would like to share your experiences with wider eDelivery community and inspire others. The tentative date of the webinar – end of September 2024.



 YouTube



[eDelivery value proposition webinar - 28 September 2023 - YouTube](#)



EU Send



eFTI Regulation





# Would like to learn more about eDelivery?

## Stay in touch!



## eDelivery User Community

The eDelivery User Community space enables stakeholders to share experiences and best practices on the exchange of electronic data and documents between public administrations, businesses and citizens. Pan-European projects (re)using eDelivery have their own sub-communities within this space.

Register for personalised eDelivery news [here](#)

## More about eDelivery

 [eDelivery website](#)

 [@edeliveryBB](#)

 [eDelivery events \(DEP\)](#)



# Mailing list possibilities



\* What kind of communication related to eDelivery would you like to receive from us? Please mark all that apply:

*Minimum 1 selection(s)*

- A newsletter including eDelivery updates, success stories, policy updates, upcoming events, etc.
- Notifications about technical releases (of Domibus, SMP, SML)
- Notifications about planned changes of eDelivery specifications and related public consultations
- Notifications about surveys open to collect your feedback
- Notifications relevant to providers of conformant solutions (e.g., conformance testing service updates, presentation of conformant solutions, etc.)



Visit us on the [eDelivery Homepage](#)

Hello everyone,

We are excited to share with you the spring edition of the Digital eDelivery Newsletter. This edition's highlights: the ongoing second public consultation and the upcoming eDelivery Interoperability Event in June – make sure you respond on time. This issue brings important news for eDelivery conformant solution owners and service providers, upcoming meetings and events, new how-to videos about DomiSMP 5.0, insights from the last eDelivery Interoperability Forum meeting and the high-level event on Single Digital Gateway, and much more. We also share various technical updates from this first quarter, the response to the public consultation of last year and the Domibus secure deployment recommendations.

We hope you enjoy the 7th edition of the Newsletter. We are always looking forward to hearing about your experiences using eDelivery in creating a Digital Europe – just reply to this email and become part of the stories we share in one of our next issues.



Dear Domibus community,

We would like to announce the **updated roadmap for Domibus** and the **extended support for its 5.0.x and 5.1.x product lines**. For details, please refer to [this article](#) on the eDelivery website.

You are receiving this email because you have expressed interest in eDelivery technical updates. If you want to unsubscribe, or you need assistance or more information, contact us at [EC-EDELIVERY-SUPPORT@ec.europa.eu](mailto:EC-EDELIVERY-SUPPORT@ec.europa.eu).

Warm regards,  
The eDelivery Team



**European Commission**  
Directorate-General for Digital Services (DIGIT)  
Unit B3: Digital Trust

**[DIGITAL EUROPE: eDELIVERY](#)**

Follow us on X

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<https://twitter.com/EUdigitalID>

[https://twitter.com/EU\\_DIGIT](https://twitter.com/EU_DIGIT)

**eDelivery videos**



<https://europa.eu/lhwcvjv>

**eDelivery events (DEP) - YouTube**



## Spotlight

### Second public consultation on eDelivery 2.0 specifications

eDelivery's second public consultation is underway! Share your feedback on the updated eDelivery AS4 and SMP 2.0 draft profile specifications and the new eDelivery BDXL and ebCore Party Id 2.0 ones. Make sure to respond before the end of the consultation on Monday, 8 April 2024.



[Read more](#)

### Interested in our Interoperability Event? See how to prepare

Join us to test your implementation of the new eDelivery AS4 profile in a collaborative setting. This remote event, planned for June 2024, invites providers of conformant solutions to be part of shaping an interoperable future.



[Read more](#)

## Events

### eDelivery Interoperability Forum on 18 April 2024

Save the date for the next eDelivery Interoperability Forum meeting. On 18 April 2024, the eDelivery team will share the outcome of the second public consultation and the new presentation of conformant solutions. The Forum represents a platform for software developers and service providers to engage with the eDelivery team, each other, and representatives of ecosystems based on eDelivery.



[Read more and register here](#)

### 10th meeting of eDelivery Informal Cooperation Network on 15 May 2024

The ICN for eDelivery will return for its 10th edition on 15 May 2024. The ICN offers a platform for Member States engaged in the development of national and European eco systems based on eDelivery to come together and share experiences. Unlike last November, this time the meeting will take place fully remotely.



[Read more](#)

### SEMIC 2024: eDelivery and the future of Interoperability

Save the date for the upcoming SEMIC conference 2024, on 27 June 2024, titled "Interoperable Europe: from Vision to Reality", in Brussels and online. eDelivery is looking forward to meeting data exchange enthusiasts during the conference and sharing the latest news from the Building Block at its stand.



[Read more and register here](#)

### Connect and learn: Join eDelivery events in 2024

Don't miss out: the eDelivery team has an exciting year ahead filled with chances to expand your knowledge and network. Take a look at what is planned and register today



[Read more](#)

## News

### Explore the new DomiSMP video series

Discover DomiSMP through our latest video series! Led by eDelivery expert Jobe Rihartzic, these guides cover setting up Dynamic Discovery, using the Dynamic Discovery Client, deploying DomiSMP with Spring Boot, and mastering the DomiSMP UI.



[Read more](#)

### Update information on your eDelivery AS4 solution for the new listing page

Is your product or service among the eDelivery AS4 conformant solutions presented on our site? We're updating our listing and need your input! Ensure your solution's details are up to date by submitting the necessary information via our form.



[Read more and fill out the form](#)

### eDelivery and Building Blocks presented at the Single Digital Gateway high-level event

The high-level event "Boosting the EU Single Market: Towards the Single Digital Gateway 2.0" on 19 March highlighted the importance of digital public services and how they could be further improved. Experts and policymakers had the opportunity to learn about recent developments in eDelivery and other Building Blocks.



[Read more](#)

### Towards eDelivery 2.0 profiles: Insights from eDelivery Interoperability Forum

In 2024, eDelivery continued its collaboration with software and service providers. In February, eDelivery Interoperability Forum members met to discuss the feedback received during the recent public consultation and the updated versions of the eDelivery AS4 and SMP 2.0 profiles as well as the new eDelivery BDXL and ebCore Party Id 2.0 ones.



[Read more](#)

## Technical updates

### eDelivery 2.0 profiles: 2023 public consultation takeaways

The feedback from the 2023 public consultation on the new eDelivery AS4 and SMP 2.0 specifications was reviewed and the disposition of public review comments published. Read the article to learn more about what stayed and what changed!



[Read more](#)

### Updated roadmap and support timeline for Domibus

In recent months the eDelivery team was busy bringing significant improvements to the Domibus 5.0.x and 5.1.x product lines. As this work is nearing completion, we would like to share an updated roadmap for Domibus 5.2 and 6.0 and a longer support timeline for Domibus 5.0.x and 5.1.x.



[Read more](#)

### Important security notice for Domibus users

Important changes were made to the emergency patch policy for Domibus. As a result, users are strongly encouraged to align their deployments with the new guidelines by 1 May 2024. By taking action now, users can ensure continued security for their systems.



[Read more](#)



# Consent and recording authorisation



## Your consent

I consent to the processing of my personal data by the European Commission, as described in the attached privacy statement, in order to:

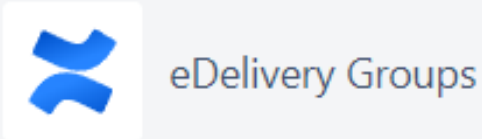
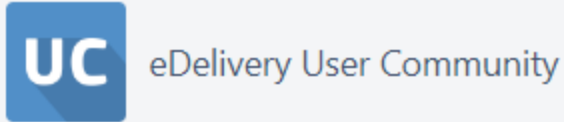
- ✓ Receive relevant information following my appointment as an ICN contact point (As a contact point I will receive all the relevant information about eDelivery).
- ✓ Be an ICN contact point (Other stakeholders, having a right to know, will have the right to consult me about the specific country's representation in the eDelivery ICN and the network members will know me as a contact point).
- ✓ For photographs/films of an adult: I authorise the EC:
  - to use without restriction the photographs and/or films bearing my image as described above in all types of publications, in any form of televisual broadcasting or communication via the Internet;
  - to include and archive these photographs and/or films in the European Union's online databases, accessible to the public free of charge online. Third parties having access to these databases may use the said photographs and/or films in compliance with the EC's Decision on re-use of Commission's documents (2011/833/EU) for information or education purposes only; in order to illustrate or promote the activities or projects, past, present or future, of the European institutions and the European Union. This authorisation shall apply worldwide and for as long as my image is subject to legal protection.

<https://europa.eu/!TFcKHu>

Access to survey to provide consent extension & authorisation for recording  
5 years retention policy

Authorisation is important if you want to receive any information from us.

# 2FA, wikis and sites pages for ICN



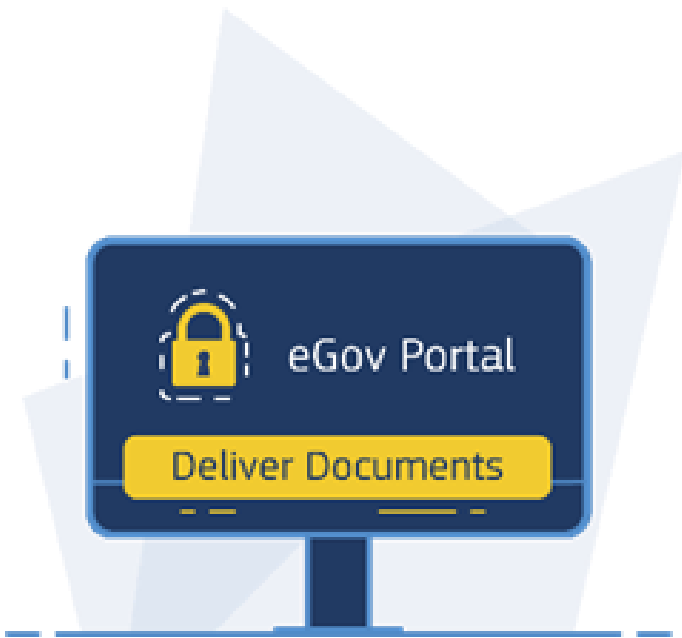
## What is Two-Factors Authentication and why do we need it?

When logging in to EU Login while 2FA is activated, you need to **provide a second piece of information beyond your username and password** (e.g., a PIN, a mobile device or smartphone app, or biometric factors such as facial recognition). This second layer of protection will greatly increase the security of data stored on our Confluence spaces and prevent an unauthorized access. Even when a password has been compromised, 2FA can stop unauthorized access since the password alone is not enough to sign in to Confluence. This will greatly increase the security of data stored on our Confluence spaces.

## Check more on EU Login and 2FA

to read <https://europa.eu/!DxnQMk> and to watch <https://europa.eu/!GfQ8W9>

# Have a question?



## eDelivery

Exchange data and documents  
online reliably and securely



Bogdan Dumitriu



To continue the conversation,  
contact our team via email

Emails:

[EC-digital-building-blocks@ec.europa.eu](mailto:EC-digital-building-blocks@ec.europa.eu)



[EC-eDelivery-support@ec.europa.eu](mailto:EC-eDelivery-support@ec.europa.eu)



# Q&A: eDelivery updates



Please raise your hand if you would like to speak



In case due time constraints your question is not answered, please put it in the chat or send it via email [\*\*EC-DIGITAL-BUILDING-BLOCKS@ec.europa.eu\*\*](mailto:EC-DIGITAL-BUILDING-BLOCKS@ec.europa.eu)

**We are very grateful for your feedback!**

# Thank you

& stay in touch

