

Data Spaces Solutions & Technologies Deep-Dive Track

The Once-Only Technical System

An EU-wide cross-sectoral, cross-domain data space, enabling easier information sharing for cross-border administrative procedures in the EU

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Moderator: Thomas FILLIS

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European Commission

DG GROW

Directorate-General
for Internal Market, Industry,
Entrepreneurship and SMEs

DIGIT

Directorate-General
for Informatics

DG CNECT

Directorate-General
for Communications Networks,
Content and Technology



Agenda

THE BUSINESS PROBLEM

#1

The issue of cross-border administrative procedures and the vast number of documents required by Member States as evidence/ proof of nationality, adulthood, professional qualifications, etc.

THE SOLUTION

#2

The Single Digital Gateway Regulation aims to improve mobility in Europe and the Once-Only Technical System as an evidence mapping tool and secure exchange mechanism using established Building Blocks.

KEY TAKEAWAYS

#3

The Once-Only Technical System enables easier information sharing for cross-border administrative procedures in the EU. It creates an EU-wide cross-sectoral, cross-domain data space reusing established Building Blocks (eDelivery & eID).

PANEL DISCUSSION

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QUESTIONS FROM THE AUDIENCE

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The business problem

The issue with cross-border procedures is...

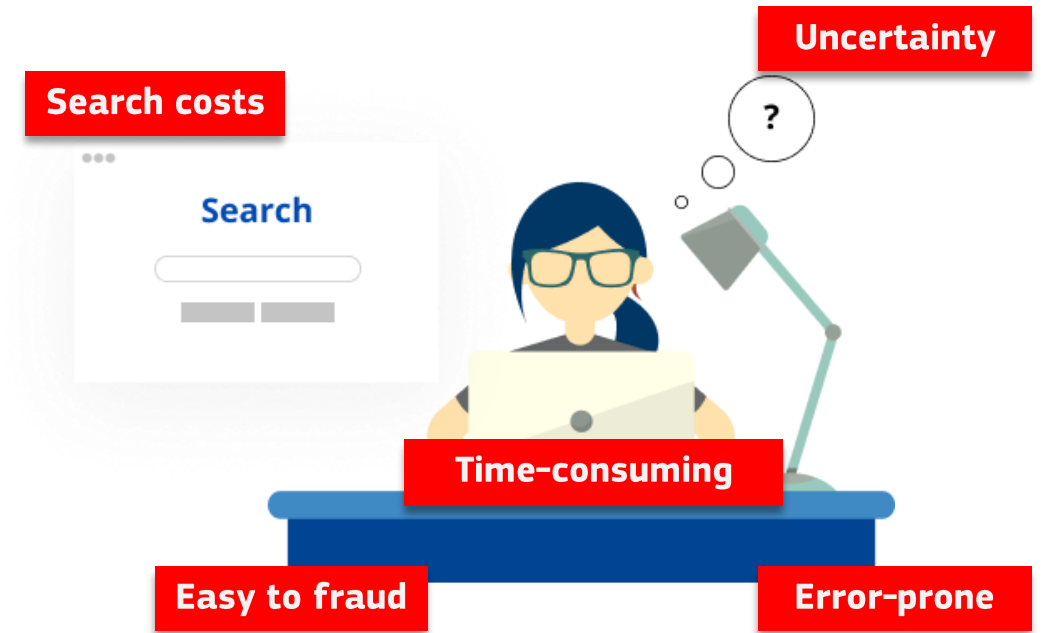
Why are cross-border procedures so difficult?

Today...

There are different evidences required across the Member States for administrative procedures, most of them not standardised at EU level.

There are many evidence providers in each Member State and no easy way to know who they are.

It is not easy for administrations to confirm that evidence citizens upload is authentic and up-to-date.



The solution

The Single Digital Gateway Regulation for easy mobility

Using established Building Blocks

The Once-Only Technical System as a dataspace

The Single Digital Gateway Regulation (SDGR) for easy mobility

The Single Digital Gateway is one of the most ambitious EU eGovernment initiatives to digitalize public administrations to date.

Single Digital Gateway Regulation (EU) 2018/1724



[Read the regulation online](#)

Implementing Regulation C(2022)5628



[Read the regulation online](#)

What

The SDGR obliges MS to offer admin procedures online, and establishes **Your Europe*** (info for citizens & businesses) as well as the need for a Technical System for the **cross-border automated exchange of evidence** and application of the 'Once-Only' principle (Art.14).

Who

MS: SDG Coordination group

EC: GROW/CNECT/DIGIT

By when

December 2023 (legal deadline)

(*) **See:** <https://europa.eu/youreurope/>

Two key principles in the Governance to put Citizens in control of their personal data

1

Citizens must give their **explicit request**

Procedure Portal

Confirm you want to use the OOTS to request the evidence need:

- Evidence: Diploma di Laurea
- Issued by: Ministero dell'Istruzione


[Request](#)

2

...and have the possibility to **preview** the evidence before it is exchanged

Preview space

Preview your evidence and confirm if you want to share it.

 [Evidence: Diploma di Laurea](#)

Requester: Procedure portal

[Confirm](#) [Cancel](#)

eID and eDelivery Building Blocks are key components of the Once-Only Technical System

The European Commission already provides a range of services and specifications to help you implement them.

[Check out the website to learn more.](#)

Interoperability Test Bed

The Interoperability Test Bed supports public administrations in validating the structure of their semantic assets according to European standards.



eID

Offer services capable of electronically identifying users across Europe.



eDelivery

Exchange electronic data and documents in an interoperable and secure way

Semantic Repository

The Semantic Repository is a common service that acts as a data portal for the technical system.

Why is the Once-Only Technical System a dataspace?

The Once-Only Technical System has the characteristics of a dataspace.

01

Multi Domain

OOTS is multidomain: data comes from education data sources, social security data sources, taxation data sources, etc.

02

Any type of data

OOTS supports the **sharing of any type of data**, in structured or unstructured format, in any syntax

03

Data discovery

OOTS includes functionality to **search and discover data from different authentic data sources** in real-time from all Member States

04

Interoperability

OOTS can **support multiple data sharing protocols** (push, pull, etc..). For the moment, OOTS supports a single data sharing protocol, but additional ones can easily be added in the future

05

GDPR Compliant

OOTS implements many safeguards to data privacy such as **authentication with high-Level of assurance, an explicit request mechanism and preview mechanism**

06

Future ready

OOTS can evolve to cover proactive public services

Key Takeaways

We learned that...

1

The Once-Only Technical System enables easier information sharing for cross-border administrative procedures in the EU.

2

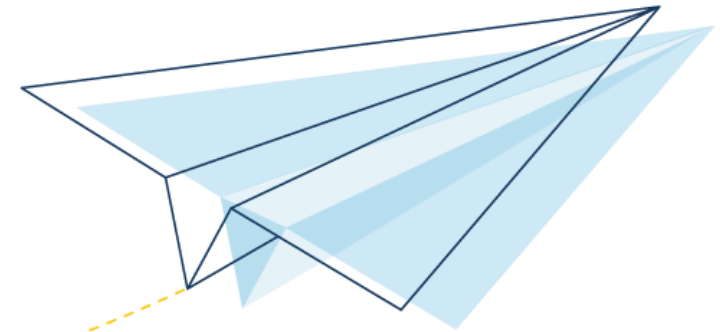
The Once-Only Technical System reuses mature building blocks, such as eID and eDelivery, which are based on Open Standards and are multi-vendor.

3

With the Once-Only Technical System, the Commission is establishing a cross-border and cross-sector G2G dataspace supporting mobility of citizens and businesses in the Single Market.

Join us & collaborate with us!

- Once-Only Hub - [Visit](#)
- Once-Only Technical System Newsletter - [Register](#)
- Contact – EC-00TS@ec.europa.eu



Panel discussion

Panellists:

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