



EU Catalogue of ICT standards

Webinar

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Political Context: Digital Single Market

*"Moreover, availability of standards is often not sufficient to ensure **interoperability**, if existing standards are not integrated by **suppliers** in their solutions. **Public procurement** plays an important role in promoting standards and Member States have created national catalogues of ICT-standards and interoperability specifications to guide public procurers and accelerate **standards adoption** on national markets. Integrating these catalogues into European catalogues would avoid **market fragmentation** at EU level."*

What problems do we want to solve?

- *ICT is a complex, technical area*
- *Public procurers know about policies or use cases to implement, not always about sometimes competing ICT standards*
- *Risk of vendor lock-in with proprietary solutions*
- *Lack of interoperability of ICT solutions*
- *Lack of coordination on ICT standards adoption*
- *National catalogues are developed independently*
- *Fragmented EU market*
- *Industry lacks visibility on which standards to adopt*



Fragmented DSM market
Lack of interoperability

What exists today?

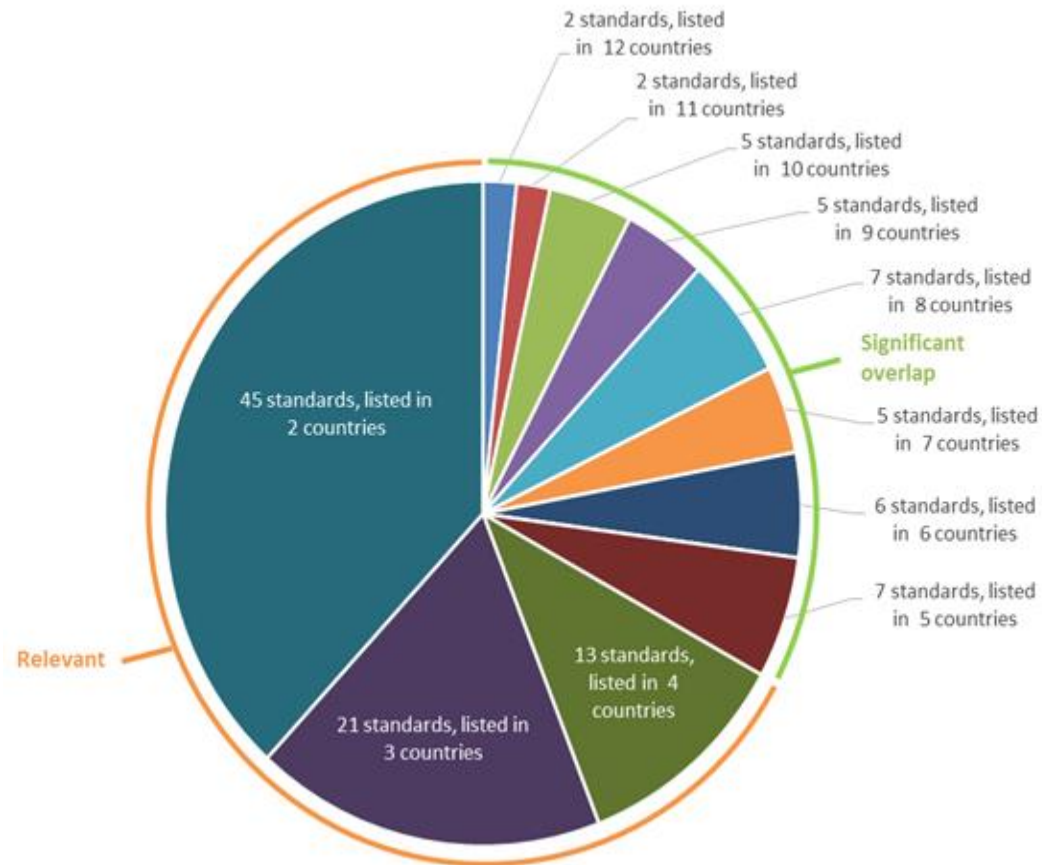
National Catalogues

Some Member states have defined an interoperability strategy which identifies compulsory and recommended TS for public administrations.

The assessment used and recommended standards in MS has been achieved through CAMSS

https://joinup.ec.europa.eu/community/camss/og_page/list-standards

Number of standards listed in countries



Conclusion: Much room for sharing & reuse.

What would be in the EU catalogue?

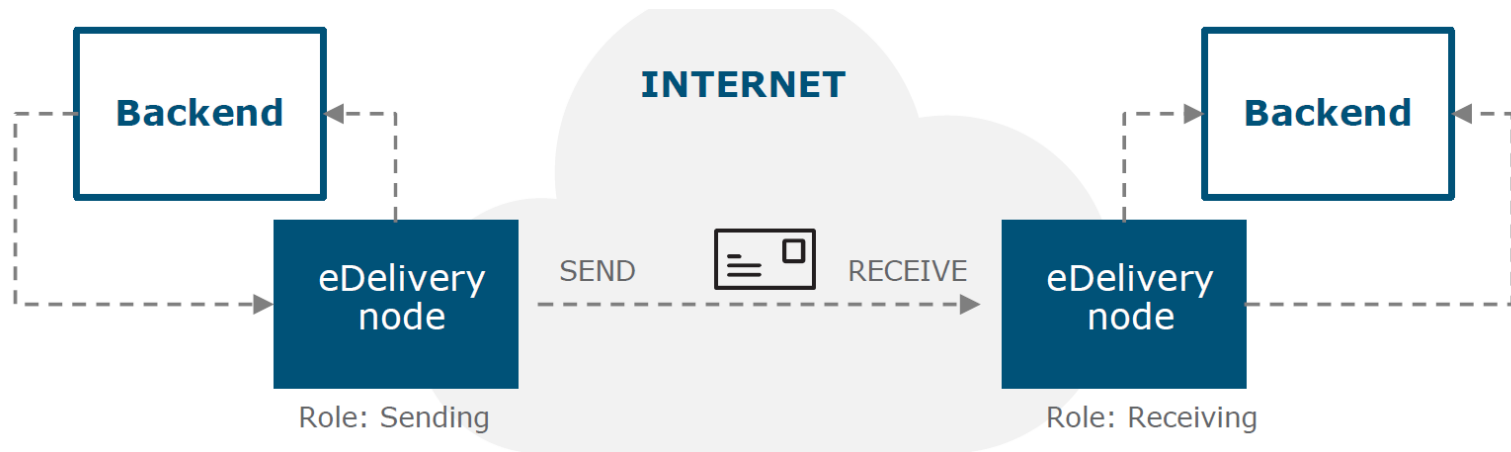
- *A reference list- of*
 - **EU and International standards**
 - **Identified technical specifications and profiles**
 - **Procurement and design guidelines**
- *In which domains?*
 - **Sectors selected for their maturity and political relevance/priority/acceptance**
 - **Examples: eGov/Bus, Smart Cities, Intelligent Transport Systems, Cloud computing, eHealth,...**

What standards adoption process?

- *Existing standards such as ISO DTR 28380-1*
- *Or methodologies like CAMSS*
- *Terminology:*
 - **Use cases, services**
 - **Base standards**
 - **Profiles of base standards, procurement or design guidelines**
- *What level of use cases are we looking at? High 😊*
- *Innovation friendly – avoid market lock-in*
- *Examples:*
 - **eHealth: retrieve patient summary, deliver ePrescription**
 - **eDelivery: secure exchange of documents**
 - **eInvoice**
- *Starting from national catalogues*
 - **Low hanging fruits**
 - **No redundancies**

Example of Use Case: eDelivery

What? Secure and reliable exchange of documents and data (structured, non-structured and/or binary), both across borders and sectors



eDelivery: a high-level illustration

What governance, which stakeholders?

- *Multi-stakeholders, with MS in prime line*
- *Multi-stakeholders platform (MSP) for identifications, prioritization, link to rolling plan*
- *ISA platform for the link to EIF and national catalogues*
- *Public procurers*
- *CIO networks and organisations*

Next steps

- *Launch a study to*
 - **Analyse national catalogues or adoption strategies**
 - **Define a global EU standards adoption process**
 - **Organise workshops and survey key stakeholders**
 - **Build a first prototype**
- *Assess the impact of the EU catalogue*
 - **What policy options?**
 - **What socio economic benefits?**
 - Lower costs for MS
 - Lower total cost of ownership of ICT solutions
 - Increased interoperability

Which domains for the first prototype?

- *4 domains for the first prototype*
- *Criteria*
 - **Maturity**
 - **Connecting Europe Facility deployments**
 - **Political relevance**
 - **Previous endorsement by formal platforms**
- *Candidates*
 - **eGov/Bus: eID/signature, eDelivery, eInvoicing, eProcurement**
 - **Intelligent Transport Systems**
 - **Smart Appliances**
 - **Cloud Computing**



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Questions?

