eFTI implementation and latest developments

Intervention at "Multimodality in practice – challenges in the Western Balkans Region and the Belgian solution",
14 December 2022

Villu Varjas, DG MOVE

Regulation EU No 2020/1056 on electronic freight transport information (eFTI) - key elements

Information (already) required by EU & MS legislation
- Legislation applicable to the transport of goods on the EU hinterland
- Legislation concerning the means of transport and the personnel not concerned

Obligation of all competent authorities in all EU MS
- To accept the information electronically
- To use the same requirements/technical specifications for acceptance

Option for the economic operators
- To present the information electronically
- When opting, obligation to use certified eFTI platforms or service providers

Common requirements for service providers and platforms
- For platforms' functionalities and, respectively, service providers' obligations
- Implementation specifications to be adopted through secondary legislation

Harmonised third-party certification valid EU-wide
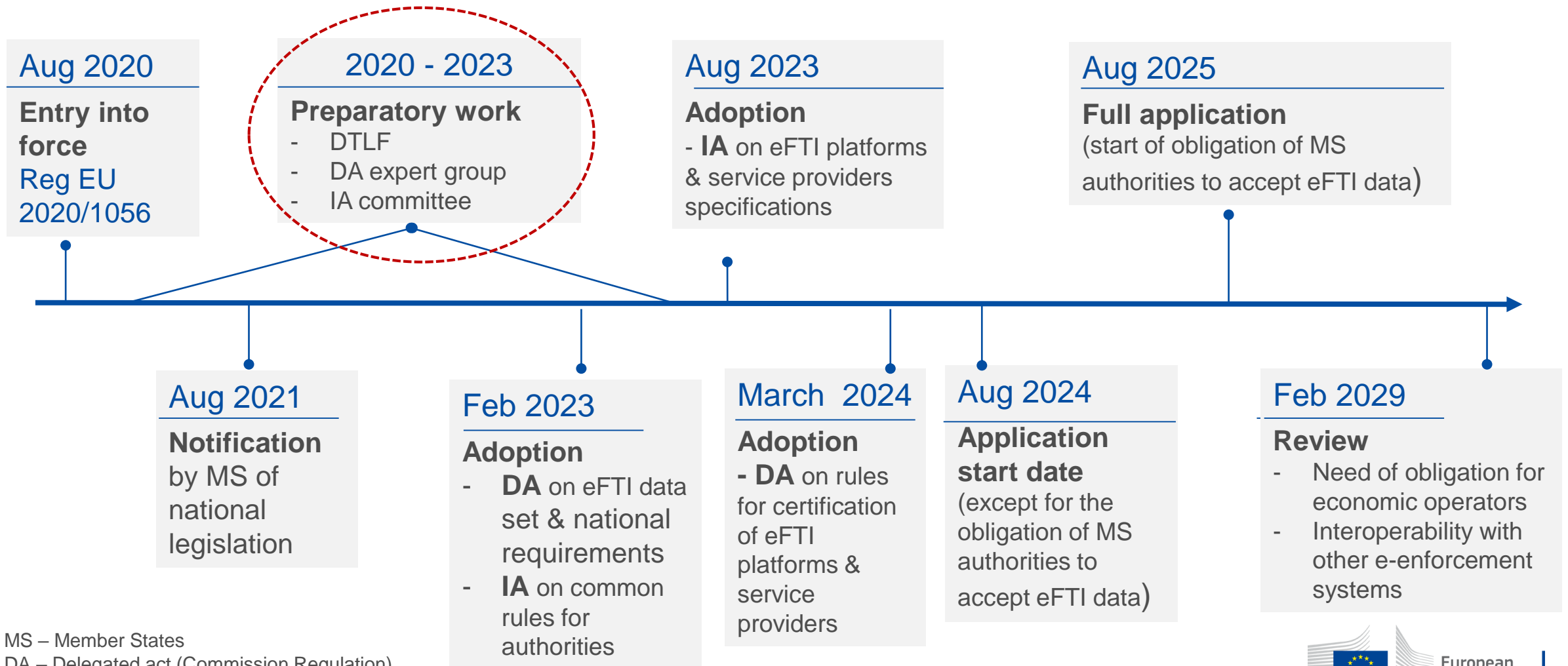- One stop shop

Information requirements

EU legislation

- **Regulation No 11/1960 on tariffs** (Article 6.1)
- **Combined Transport Directive No 92/106** (Article 3)
- **Road Cabotage Regulation No 1072/2009** (Article 8.3)
- **Waste Shipments Regulation No 1013/2006** (Articles 16(c) and 18.1)
- **Dangerous Goods Directive No 2008/68/EC** (chapter 5.4 of the Annexes to RID, ADR and AND)
- **Aviation Security Regulation No 300/2008***
  - Implementing Reg. 2015/1998 (Article 2.2 (b))
- **Rail Interoperability Directive No 2016/797***
  - If any future implementing or delegated act requires B2A information provision

National legislation

- Requiring information that is identical, in whole or in part, to that in EU legislation above mentioned (based on notifications by Member States to the Commission, cf. Art 2(2) eFTI Regulation).

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eFTI Regulation implementation and application – Indicative timeline

Aug 2020

Entry into force
Reg EU 2020/1056

2020 - 2023

Preparatory work
- DTLF
- DA expert group
- IA committee

Aug 2023

Adoption
- **IA** on eFTI platforms & service providers specifications

Aug 2025

Full application
(start of obligation of MS authorities to accept eFTI data)

Aug 2021

Notification
by MS of national legislation

Feb 2023

Adoption
- **DA** on eFTI data set & national requirements
- **IA** on common rules for authorities

March 2024

Adoption
- **DA** on rules for certification of eFTI platforms & service providers

Aug 2024

Application start date
(except for the obligation of MS authorities to accept eFTI data)

Feb 2029

Review
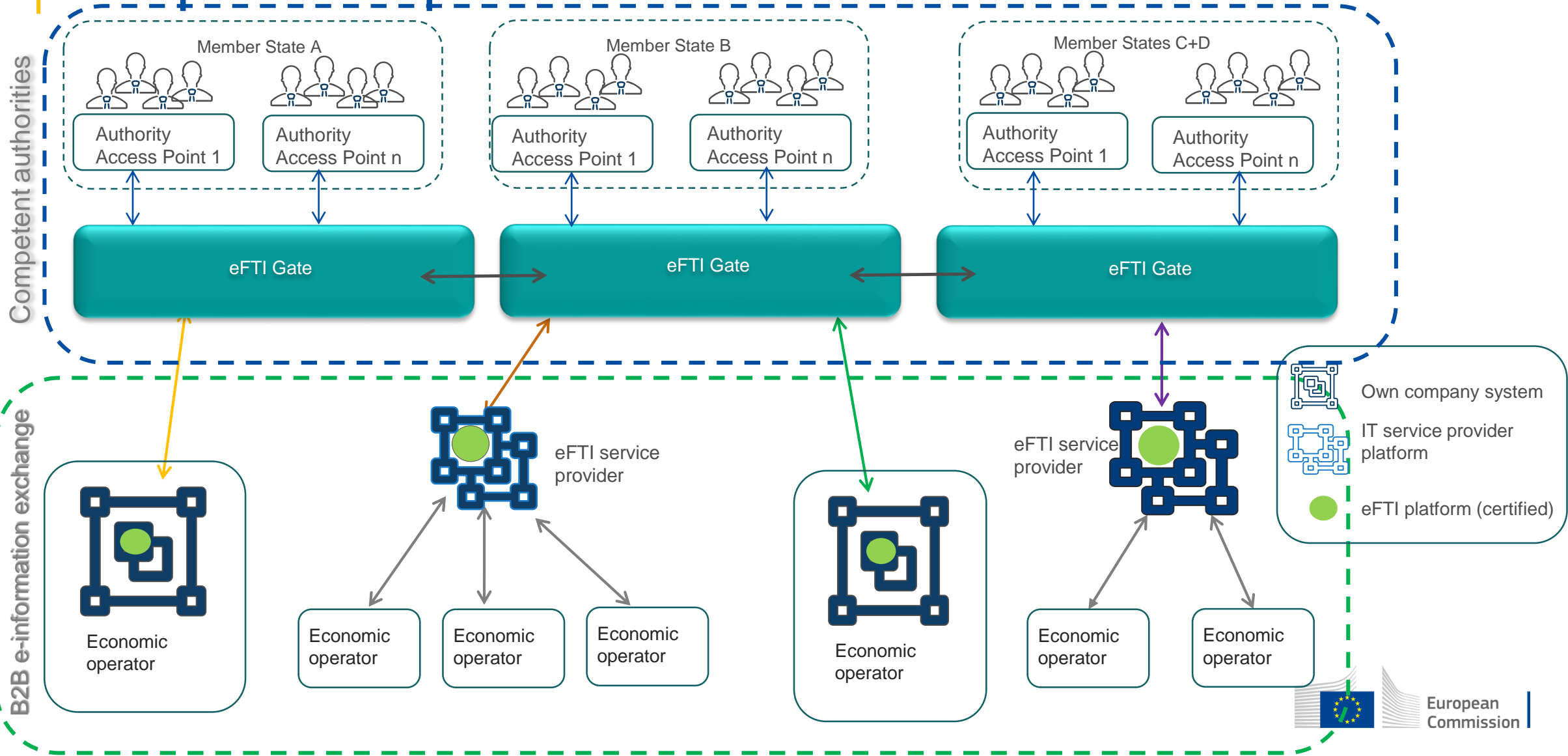- Need of obligation for economic operators
- Interoperability with other e-enforcement systems

MS – Member States
DA – Delegated act (Commission Regulation)
IA – Implementing act (Commission Regulation)

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eFTI implementation specifications

Work on-going

- eFTI common data set and data subsets (≈ eFTI data model)

  - One subset = information requirements in each EU or national legal act in scope

  - Common data set = data elements common to more subsets included only once + common structure

- Functional and technical specifications for systems to be used by the authorities

- Functional and technical specifications for eFTI platforms to be used by economic operators

- Detailed requirements for eFTI service providers

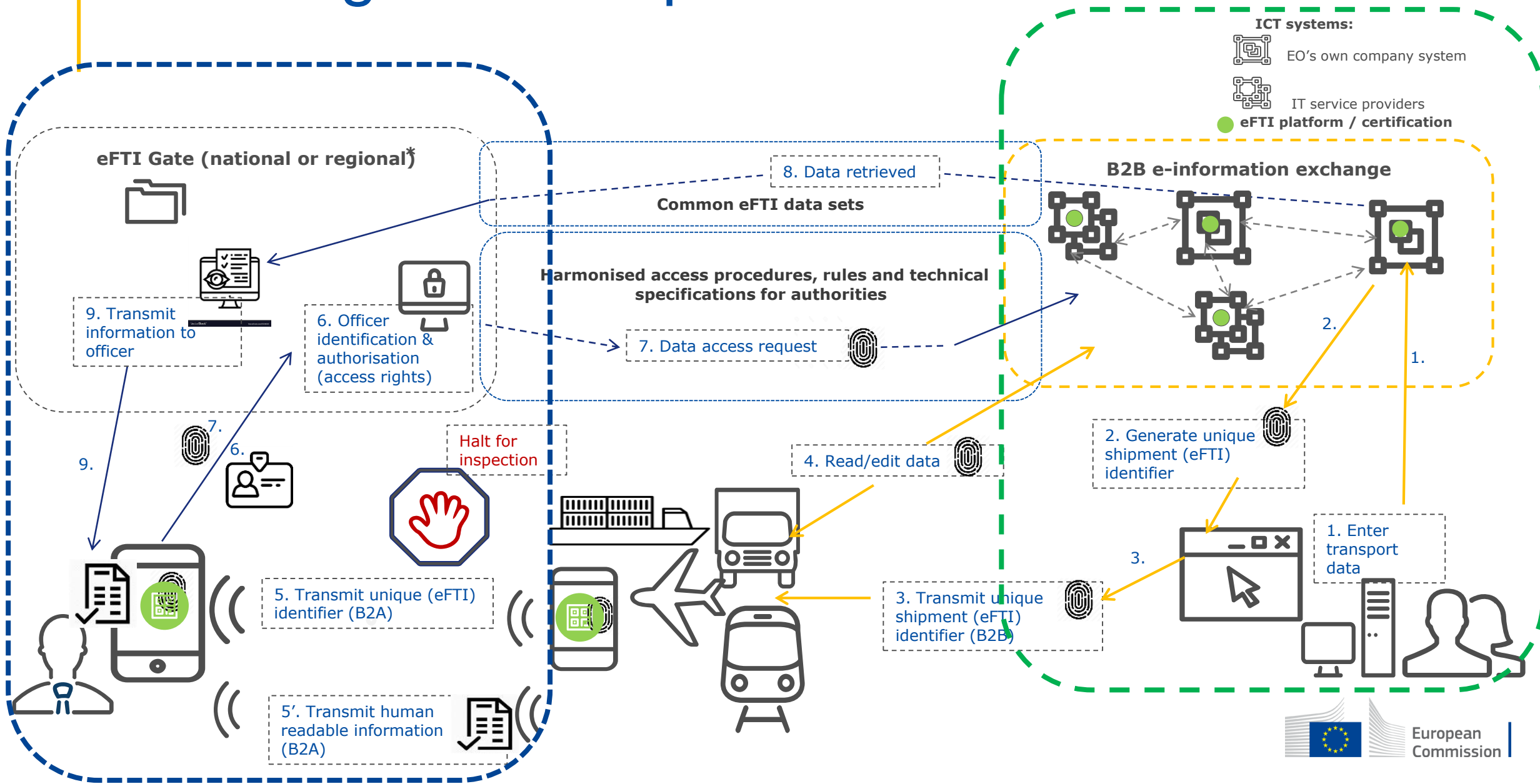- Rules for certification of eFTI platforms and service providers

eFTI exchange environment – Simplified implementation architecture

Competent authorities

Member State A
- Authority Access Point 1
- Authority Access Point n

Member State B
- Authority Access Point 1
- Authority Access Point n

Member States C+D
- Authority Access Point 1
- Authority Access Point n

eFTI Gate — eFTI Gate — eFTI Gate

B2B e-information exchange

Economic operator

eFTI service provider
- Economic operator
- Economic operator
- Economic operator

Economic operator

eFTI service provider
- Economic operator
- Economic operator

Own company system

IT service provider platform

eFTI platform (certified)

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eFTI common data set and subsets

➢ Based on UN/CEFACT Multimodal Transport Reference Data Model

- MMT is a Data Model that allows the development and systematic maintenance of (exchange oriented) data models by providing libraries of data, data groups, structuring of data, code lists; supporting their reuse and customisation.

➢ Mapping to and, where possible, alignment on definitions and formats with UCC and EMSWe data models

- would allow economic operators, both those established within the EU as well as outside its borders, to record the data related to the transport operations and required under the UCC, EMSWe and eFTI regulations, only once and in the same format.

➢ Incorporation of data elements in dangerous goods data model endorsed by UNECE Working Party 15

➢ Integration of waste shipments data elements (based on data model specifications developed under the EU Waste Shipments Regulation)

eFTI Regulation in practice – Vision

ICT systems:
- EO's own company system
- IT service providers
- ● eFTI platform / certification

eFTI Gate (national or regional)*

Common eFTI data sets

8. Data retrieved

B2B e-information exchange

Harmonised access procedures, rules and technical specifications for authorities

9. Transmit information to officer

6. Officer identification & authorisation (access rights)

7. Data access request

Halt for inspection

4. Read/edit data

2. Generate unique shipment (eFTI) identifier

1. Enter transport data

5. Transmit unique (eFTI) identifier (B2A)

3. Transmit unique shipment (eFTI) identifier (B2B)

5'. Transmit human readable information (B2A)

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Questions?

Thank you

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