eFTI Data Model and XSD Interface Specifications

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15 minutes

1. We explain the essentials of Data model and Interface specifications
2. We explain how these specifications apply in eFTI environment
3. Challenges and expectations

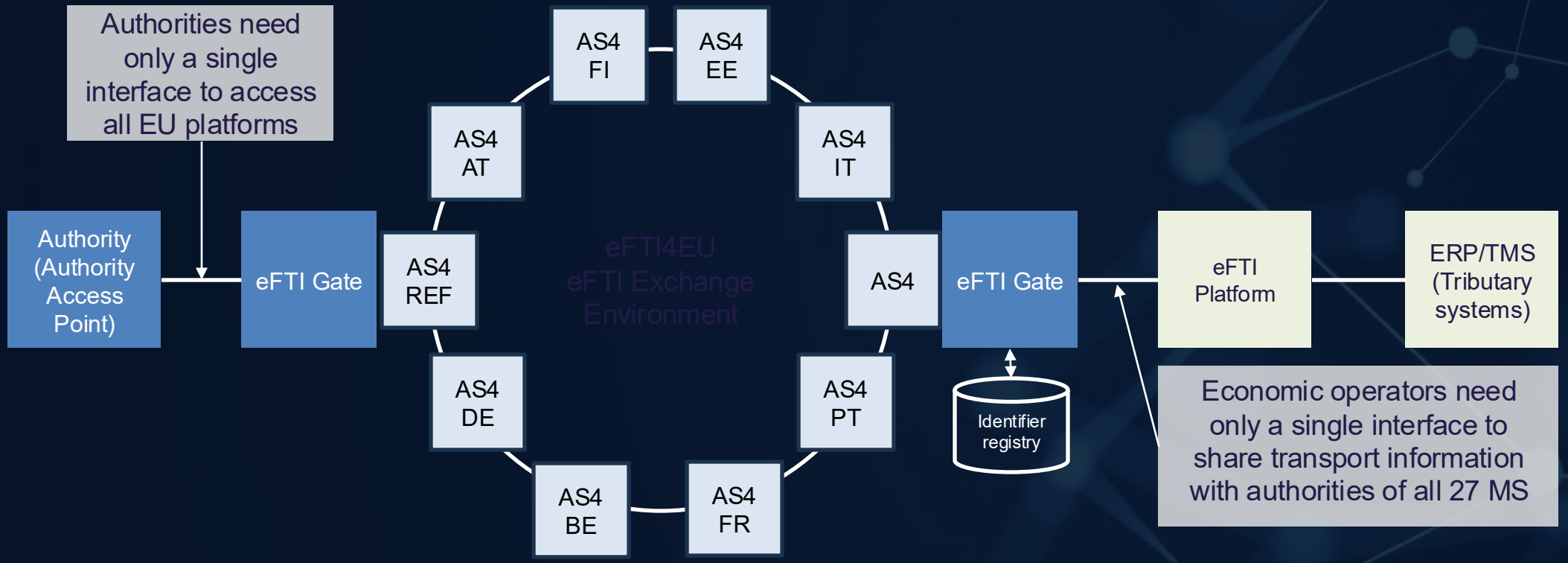
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1. Essentials

- What is XSD?
- What does eFTI XSD contain?
  (common dataset, subsets, messages..)
- How does XSD fit in in the eFTI environment?
  (explained in the next slide)

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2. The role of the eFTI Data Model and XSD Interfaces
Connect once, share with all



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2. Our roadmap for 2026 and 2027

eFTI4EU 2023-2026

eFTI Implementing and Delegated Acts

- 183 subsets with common UN/CEFACT MMT compliant data model
- GITHUB: eFTI4EU experts create initial XSD specification based on UN/CEFACT Core Component Library
- Implemented by today's eFTI Gate and Platform pilots

February 2026

Commission presents draft for new XSD interface specifications

- Launch of eDANOS Technical Expert Group
- 8 + 1 XSD specifications with common GEFEG source model
- Autumn 2026: evaluated by eFTI Gate and Pilot projects

2026Q4

Less than 9 months before go life

- Updated eFTI CDS (Common Dataset) to be announced by the end of the year
- Adoption by eFTI gates and eFTI platforms
- Testing and critical issue fixes

July 20227

Go live with periodic version updates

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3. Community expectations for Data model and Interface specifications

- Economic operators and competent authorities – EU harmonized regulation and data integration specifications for all 27 MS and eventually, third countries. This requires harmonised XSD implementation, common search behaviour, interoperable gate-platform interfaces, and coherent use of EU data subsets.
- Economic operators and competent authorities – Operationalise XSD version management
- Economic operators – to use the same source data for B2B and B2A data sharing

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3. Challenges to resolve

Complexity

- Avoid 27 different Member State eFTI eco systems
- Implement 183 eFTI Subsets (as starting scope!)
- Multimodal, dangerous goods and waste integration
- Version Management

Involving the right resources

- Sustainable team of data integration experts
- Collaboration with UN/CEFACT

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4. Future of eFTI Data model

Economic operators and competent authorities – Data model that eventually supports full scope of enforcement (cabotage, dangerous goods, waste, driving and resting times)

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THANK YOU!

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