

eFTI4EU: The future of freight transport is digital



eFTI4EU - Electronic Freight Transport Information for the EU

eFTI4EU is co-funded by the European Union's CEF funding programme through the European Climate, Infrastructure and Environment Executive Agency (CINEA). It is the first project aimed at implementing the EU eFTI Regulation 2020/1056.

23

28.3

36

Partner

million euros

Months Term

9

4

Member states

Observer



eFTI4EU

PARTNERS and observers

PARTNER

OBSERVER





Mission & Goals



eFTI4EU's mission is to encourage Member States to work together to develop a well-harmonised and interoperable European-wide eFTI exchange environment



Encourage
digitalisation in
freight transport and
logistics, streamlining
and harmonising eFTI
exchange



Enhance efficiency and sustainability by promoting environmentally friendly practices





Activities

eFTI roadmaps for standardised implementation.

Translation of the EU regulation and legal acts into specifications.





Development and testing of eFTI Gates and Platforms based on real use cases, nationally and across borders.

- eFTI Architecture
- Pilot projects
- Open source reference implementations
- Reference documents

- Communication on eFTI
- Dissemination via events & publications





What is eFTI? Why eFTI?

- An electronic environment to access information across Europe! Enables the digital retrieval of transport information for authorities according Regulation 2020/1056
- Obligation for authorities! Voluntary for the economy!
- Aim: Efficient freight transport is crucial for the Union's economic strength! BUT: Dependence on paper documents makes processes inefficient.
- Regulation 2020/1056 obliges EU control authorities to accept electronic information as proof of compliance; legal acts regulate content requirements, data security and components of the system architecture.
- eFTI works with data records that are defined, not with documents. Data stays at source!
- Start: February 2027: EU control authorities must have compatible systems and (be able to)
 accept electronic freight transport information.



eFTI Regulation EU 2020/1056





Advantages for economic operators: freight owners, forwarders, carriers

Simplifies the exchange of transport-related information:

- No paper documents, transport data remains at the source
- Faster checks by the authorities and less interrupted transport operations
- Faster processing times
- Faster handling of freight operations
- Up-to-date transport data sets
- According to the industry, savings of over €10 per digital freight document are possible* if you look at the process.





^{*}Source: Open Logistics Foundation

Advantages for the competent control authorities

- Improved controls of cross-border freight transport without bureaucratic burdens
- Faster and more targeted control procedures
- Reduction of transport interruptions and more efficient and time-saving inspections
- Less language barriers thanks to multilingual eFTI data records
- Better enforcement of national and EU regulations
- Increased safety for emergency services and more efficient operations,
 e.g. in the case of dangerous goods accidents





eFTI timeline

ADOPTION

- · DA on eFTI dataset and national requirements
- IA on common rules for public authorities.

Q3 2024

ADOPTION

DA on rules for the certification of eFTI platforms and service providers

FULL APPLICATION

Start of the obligation for Member State authorities to accept eFTI data

Q1 2027

2029

REVIEW

- Need for an obligation for economic operators
- · Interoperability with other eenforcement systems

Q4 2024

Q4 2024 2025



2020

Regulation EU 2020/1056

DA: Delegated act MS: Member State IA: Implementing act

The project will be implemented according to the eFTI timetable

ADOPTION

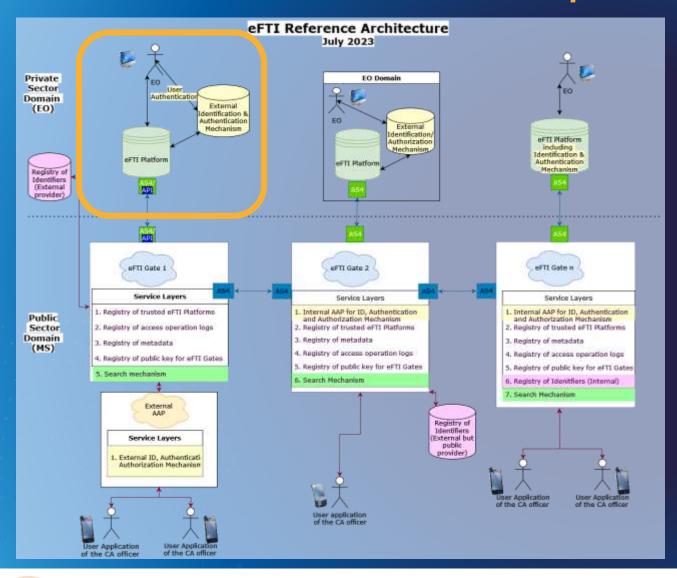
IA via eFTI platforms and the specification of service providers

ADOPTION

Date of application start (except for the obligation of MS authorities to accept eFTI data)



eFTI architecture and its main components

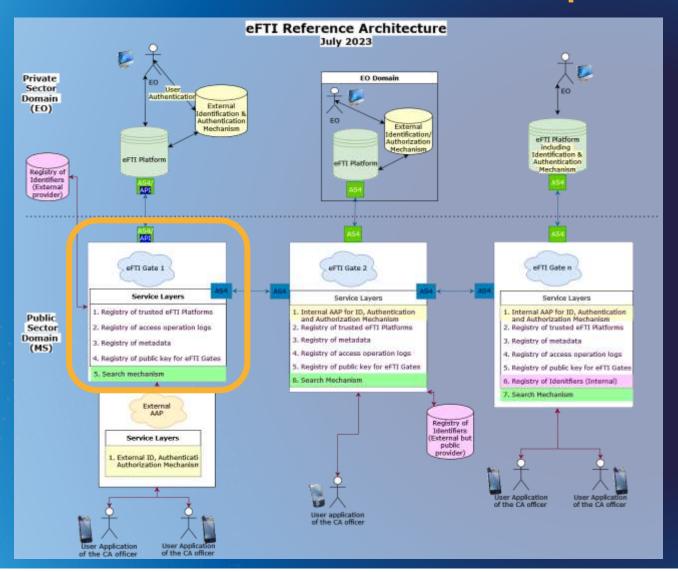


eFTI platform (private sector, economic Operator)

- Could be based on existing TMS and ERP systems and reuse functions if applicable (eFTI Platform to be understood a definition of properties)
- Provides up-to-date eFTI dataset for a transport or a consignment
- Identification of the transport via link and identifier
- Must be certified to demonstrate conformity with requirements (legal act for platforms (IA), legal act for certification (DA))



eFTI architecture and its main components

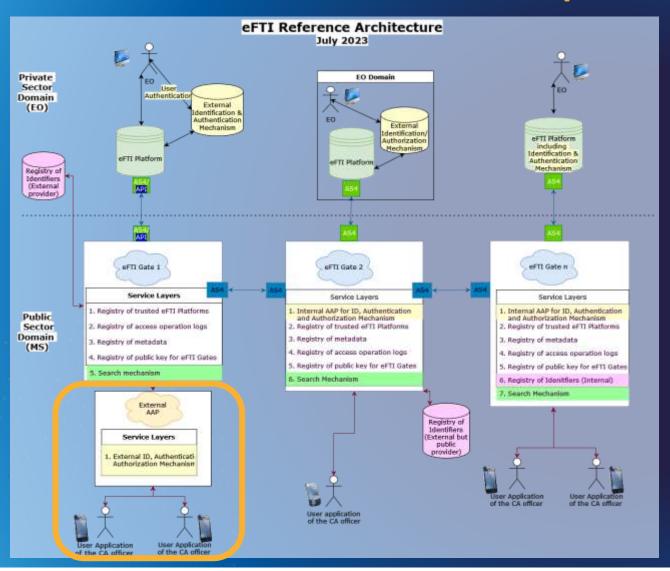


eFTI Gate (public sector, each EU Member State)

- Intermediary between the eFTI platforms and the competent authorities
- Connected to all other EU eFTI gates
- Use of the eFTI exchange mechanisms to access eFTI data characterised by a Unique Identification Link and identifiers (e.g. number plate, vehicle identifier, etc.).
- No data storage unless irregularities



eFTI architecture and its main components



Authority Access Point (public sector)

 Identification, authentication and authorisation of access for competent authorities



eFTI Expert Team (EET) Partners

















Consortium











































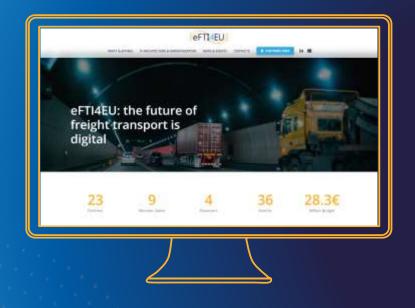
Ministère de la Transition écologique et de la Cohésion des territoires Ministère de la Transition énergétique



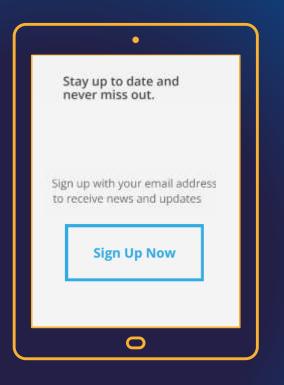




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