



eFTI and the opportunities for the freight and logistic operators

Alexio Picco

DGMOVE eFTI Technical Support Leader

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[ALICE] Electronic Freight Transport
Information (eFTI) and its positioning
in the Freight & Logistics sector

Aim of the presentation is to focus on business implications of the on going eFTI developments

- eFTI objectives
- eFTI elements of a certain relevance for Economic Operator
- eFTI platforms
- eFTI opportunities
- Extended eFTI scenarios





Acceptance by Public
Authorities in Intermodal
Transport of Electronic
Communications



Uniform Implementation of
the Acceptance Obligation by
Public Authorities



Interoperability of IT systems and
solutions



Promoting digital use to meet EU regulatory requirements



Reducing administrative costs for operators and increasing efficiency in the application of rules

- Under the eFTI Regulation, **as of August 2025**, EU Member States are obliged to receive **transport information in a harmonised EU-wide electronic format**. eFTI is not mandatory for economic operators (EO), but if they want to share data electronically with EU authorities, **they must use certified eFTI 'providers'** - technology partners - and service platforms'.
- **Scope:** this Regulation establishes a harmonised **legal & technical framework for the electronic communication of regulatory information** (i.e. as defined in specific legislation, including control and audit information) between the relevant economic operators and the competent authorities in **relation to the transport of goods** within the territory of the European Union.



EU Reg. 2020/1056 on electronic freight transport information

- It concerns **information on cargo transport that must be carried on board** during a transport operation by **road, rail, waterway, air** (with some differences - security), and are therefore subject to control by the competent authorities
- **eFTI does not cover maritime** which has its own European Maritime Single Windows Environment Regulation - **EMSW** (evolution of Directive 65) – **But ports are multimodal platforms dealing with road, rail and inland waterways transport.**



- Electronic freight transport information (eFTI) **is a set of data elements processed by electronic means** for the purpose of **exchanging regulatory information between economic operators** (mainly companies active in freight transport and logistics) and **between economic operators and competent authorities**.
- **Operators are not obliged to make regulatory information available to a competent authority in electronic form.** However, when they decide to make such information available in electronic form, they must:
 - make use of data processed on a **certified eFTI platform** and, where applicable, by a certified eFTI service provider
 - make this data available in machine-readable format via an authenticated and secured connection to the data source of an eFTI platform. In addition, when the data are required to perform an investigation, they must provide the authorities with the unique electronic identification link to these data;
 - present the data in human readable format, when requested by the competent authority, directly on the screen of the operator's electronic device.

Competent authorities must:

- **accept regulatory information** made available in electronic format by economic operators;
- **be able to access and process electronically the eFTI data** made available by operators;
- **provide official validation**, e.g. a stamp or certificate, by electronic means, if such validation is required as part of regulatory information.
- Competent authorities, eFTI service providers (including technology partners) and operators **must keep business information confidential and provide access and processing only after authorisation**



The eFTI platforms used to process regulatory data must provide functionality that ensures (the responsibility of the platform operator) that:

- **personal data are processed in compliance with data protection laws;**
- **business data remain confidential;**
- the **competent authorities can access and process the data** in accordance with the adopted specifications;
- **operators can make the information available to the competent authorities;**
- a **unique electronic identification link** can be established between a consignment and its data elements;
- data can only be processed on the **basis of authorised and authenticated access;**
- data processing activities are **recorded in transaction logs;**
- data may be **archived and remain accessible;**
- the data are **protected against damage and theft.**



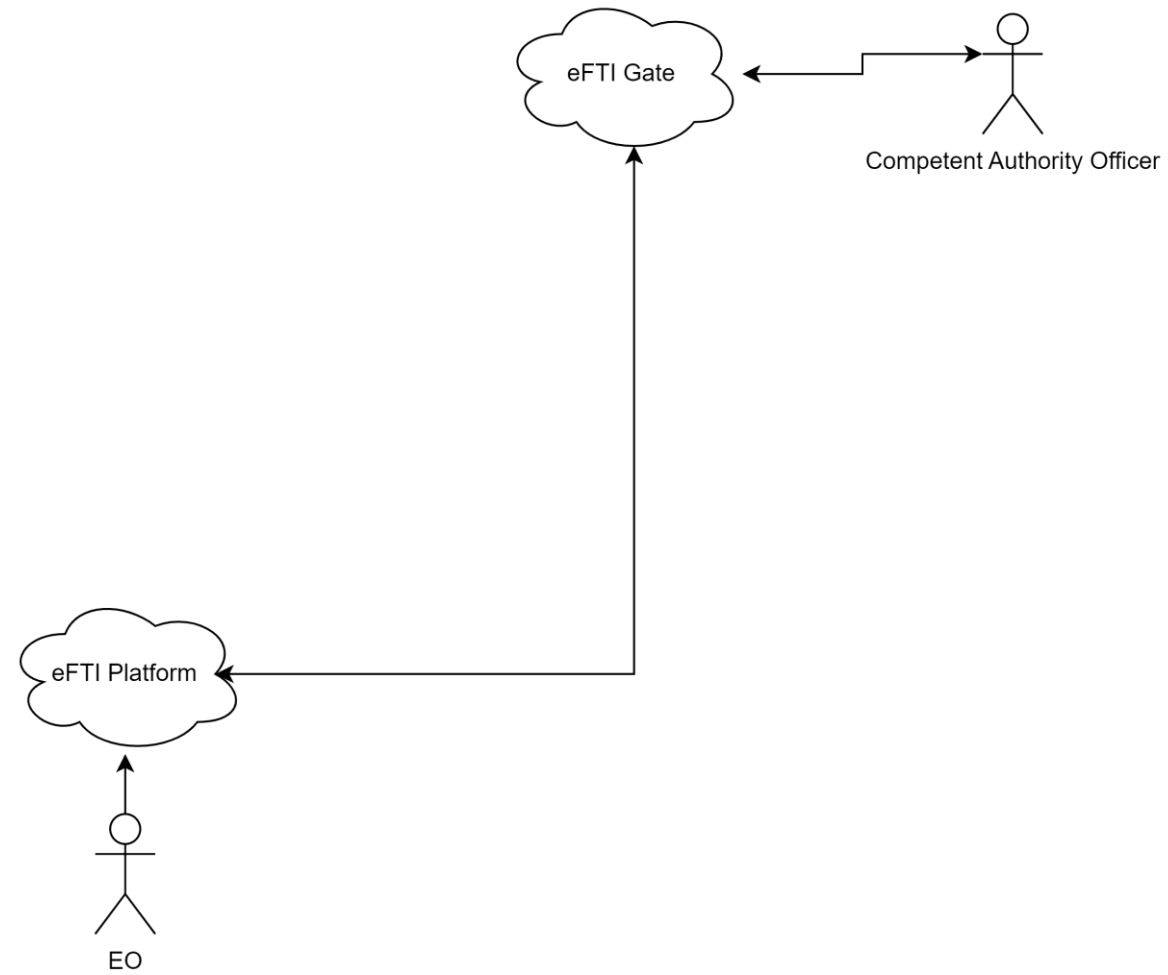
eFTI service providers must ensure that:

- the data are **processed only by authorised users**
- the data are **stored and remain accessible in accordance with Union and national law**;
- the competent authorities have **immediate access to the regulated information** without charge or fees;
- the **data are adequately protected** against, inter alia, unauthorised or unlawful processing and against accidental loss, destruction or damage.

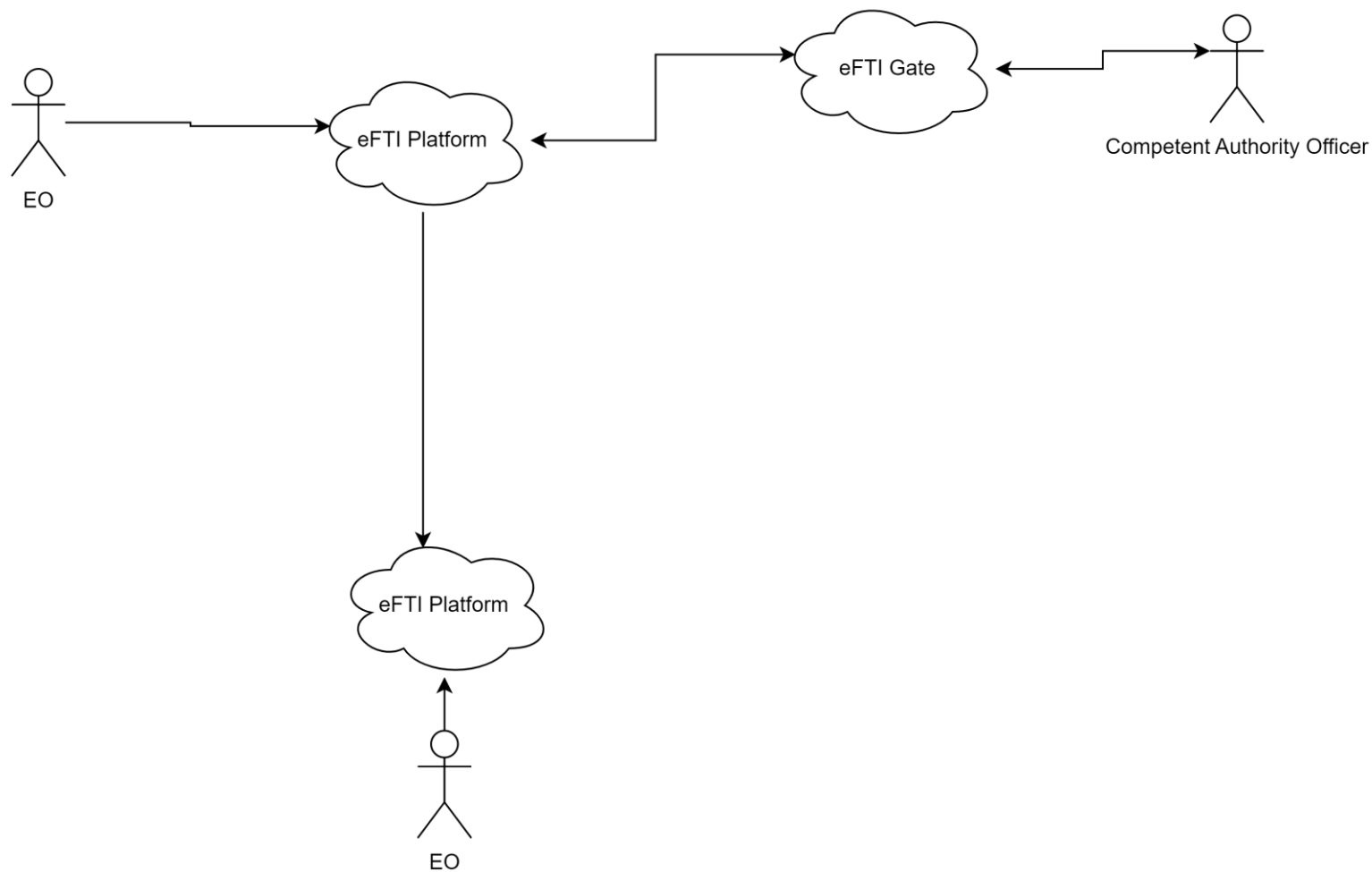


- The eFTI regulation assumes that **economic operators share data at source and as such retain their sovereignty to grant and withdraw access to their own data.**
- The EU eFTI Regulation 2020/1056 is a **necessary first step towards sharing other documents such as licences and permits in electronic format such sharing once a full set of digital data to be used for different purposes.** eFTI is definitely a first step towards 100% digital data sharing processes.
- The implementation of the eFTI Regulation is also a first step towards a **federated EU data sharing architecture and the future EU mobility data space.** Participants will trust each other because they agree on identity, authentication and access policies. They will also use a common language with interoperable semantics.

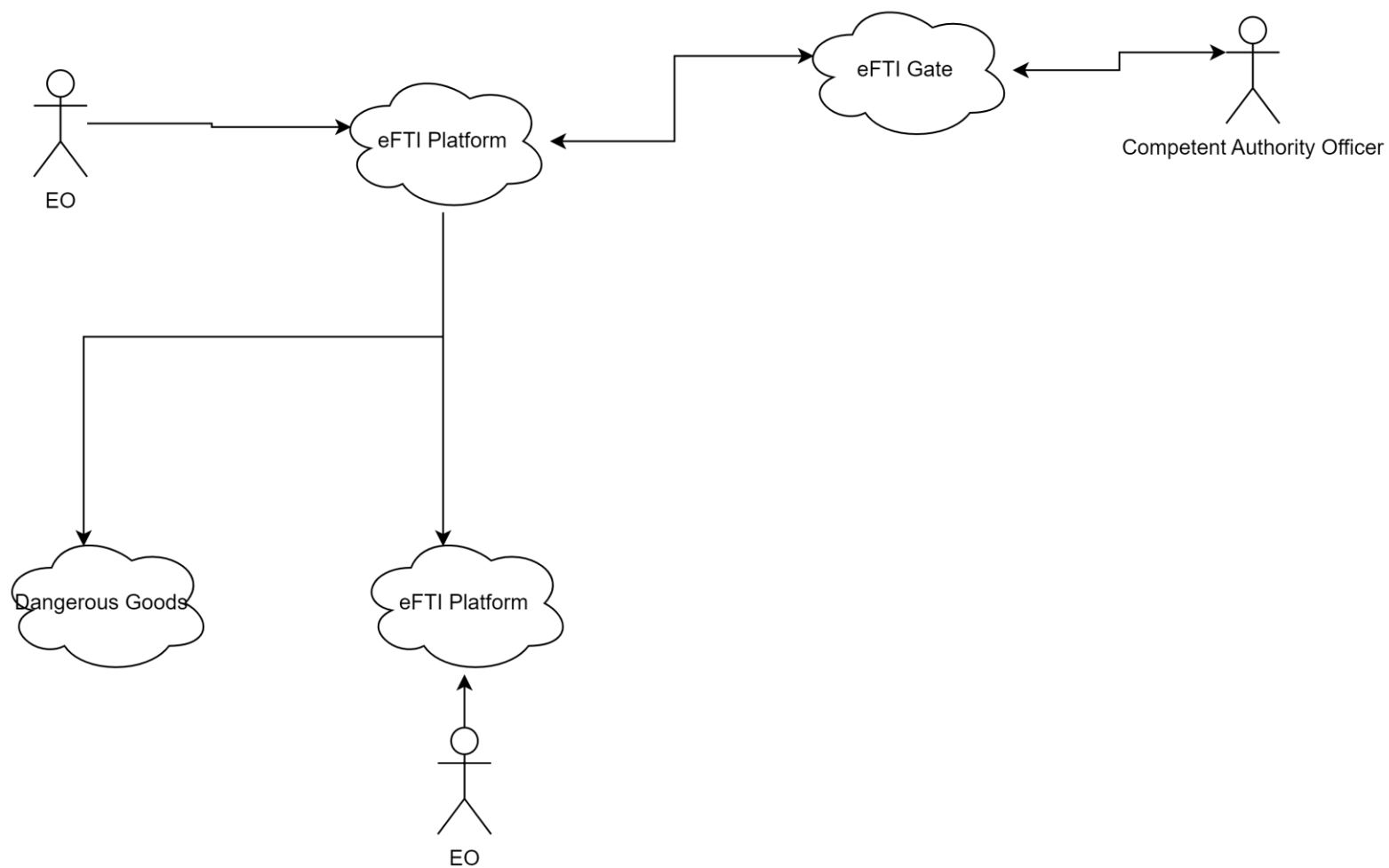




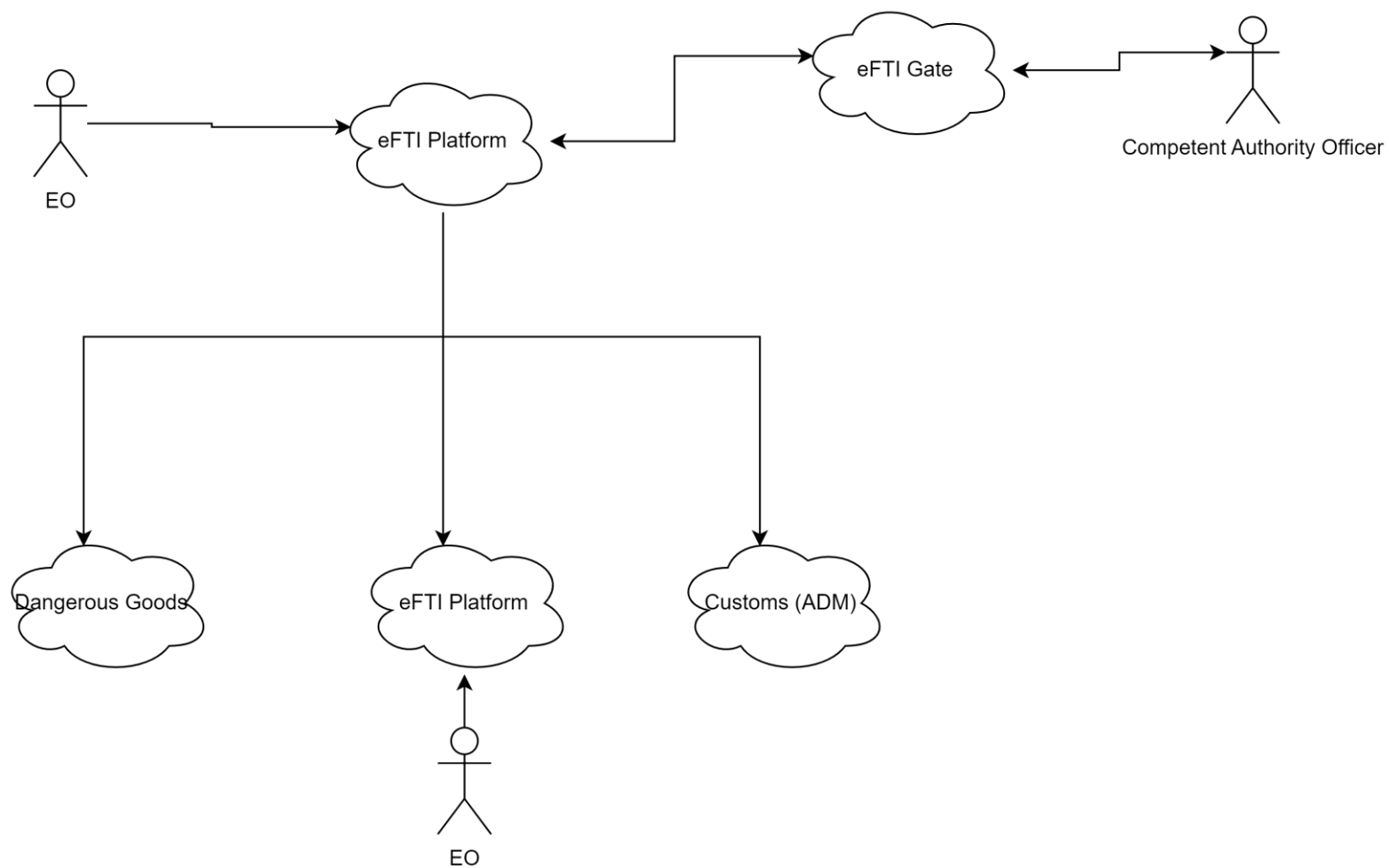
Economic Operator to Economic Operator

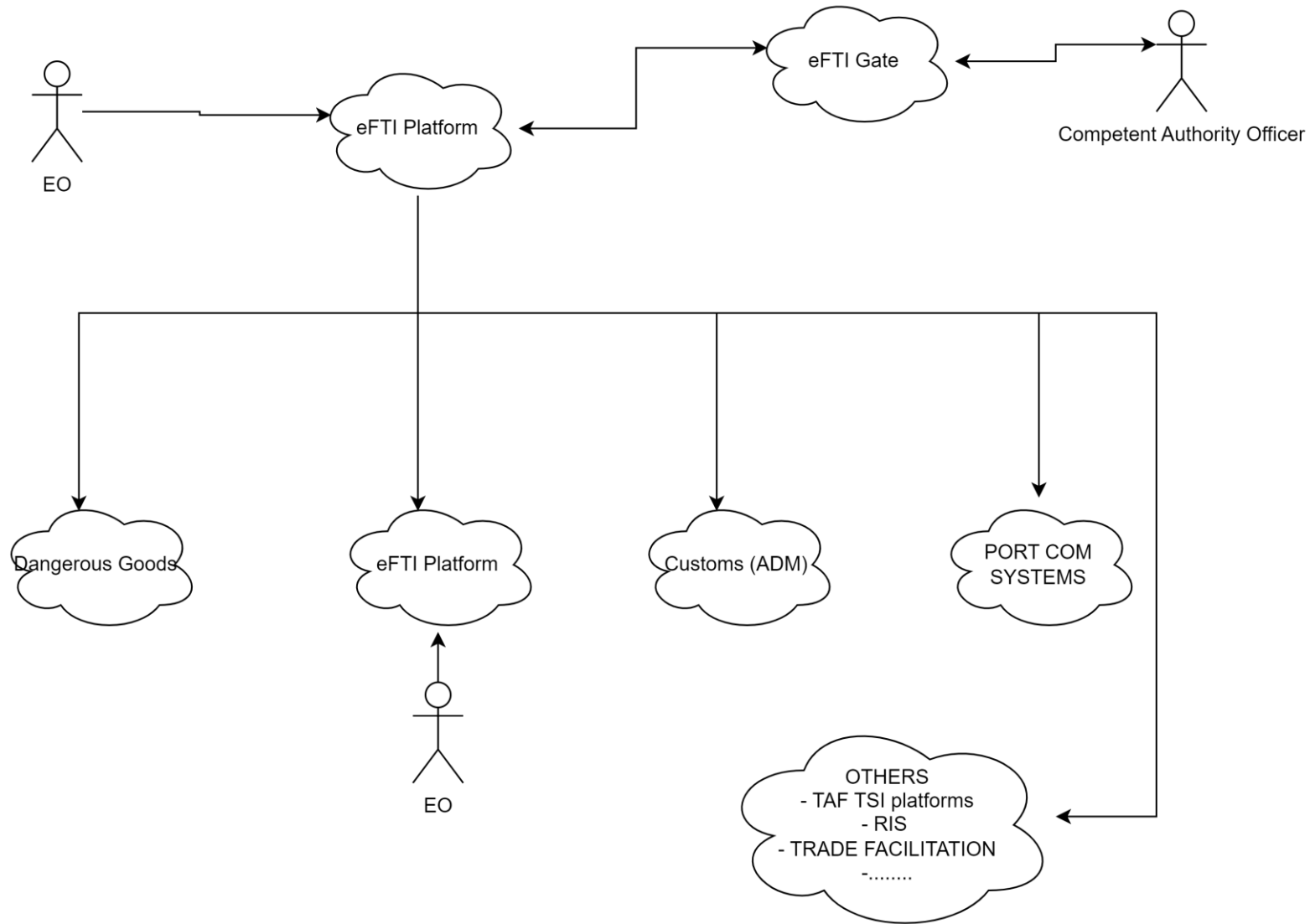


Other eFTI related eFTI Authorities



Other eFTI related eFTI Authorities





- Understanding the preparation of the national eFTI Road Map
- Assessing their position in terms of the interoperability of the eFTI exchange environment within the national transport and logistic IT framework (e.g., relation with Customs Single Windows, Port Community Systems, River Information Services,....)
- Understanding the eFTI implementation in line with IAs and DAs and using lessons learnt from on going initiatives
- national communication and awareness campaign on eFTI
- eFTI specific workshops at national level

READY FOR THAT?



Contacts

Genoa

Piazza Borgo Pila 40
16129 Genoa - ITALY
info@circletouch.eu

Trieste

Via San Nicolò 4
34121 Trieste
ITALY

Milan

Via Giovanni Battista
Pergolesi 26, 20124 Milan
ITALY

Rome

Via Ofanto, 18
00198 Rome
ITALY

Catania

SS Primosole Angolo V Strada
95100 Catania
ITALY

Brussels

Rond Point Schuman 6/7
B-1040 Brussels – BELGIUM
circlebelgium@circletouch.eu

Porto

Av. da Boavista, 1588 7
4100-115 Porto - PORTUGAL
circleportugal@circletouch.eu

Istanbul, Mersin, Ankara

turkey@circletouch.eu

Balkan Region

balkans@circletouch.eu

Arabian Region

circlearabia@circletouch.eu

Maghreb Region

maghreb@circletouch.eu

www.circlegroup.eu

 Circle Group



Thank you



Alexio Picco

Managing Director



www.circlegroup.eu



Picco@circletouch.eu



Alexio Picco



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