



eFTI4EU and eFTI4ALL Joint Yearly Conference

Tomorrow's Freight Transport

eFTI4ALL – How Companies prepare for eFTI?





Integration of the UNECE Guidelines 5.4.0.2 ADR/RID ADN into the eFTI-regulation **Motivation & Use-Case**

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GBK Trusted Partner GmbH



The electronic (digital) transport document: Legal background

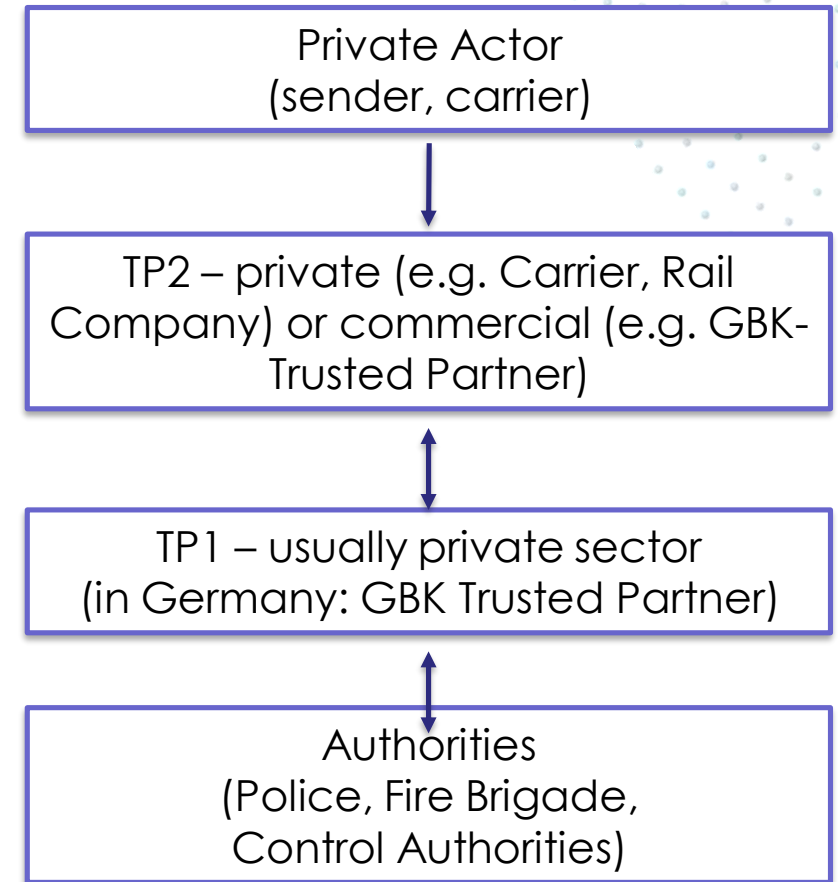
- **International:**
Guide to the application of the subsection 5.4.0.2 RID/ADR/ADN (publicly available on the UNECE and OTIF websites)
- **in Germany:**
Guideline von 2021 (published in Verkehrsblatt, Heft 4/2021, Nr. 43) *)
 - Equivalence in terms of evidentiary value and availability during transport
 - voluntary application
 - defines necessary elements of data communication (communication architecture, web services, interfaces), collectively referred to as eDGTI
 - if the guide is applied, it must be applied in full



*) ersetzt den ursprünglichen Leitfaden von 2015 (Vkbl. Heft 14, Nr.108)

The electronic (digital) transport document: Basic principle

- Shipper/carrier places transport document data in the defined xml format on their TP2 server
- TP2 server delivers data about events (login/logout) to TP1
- In the event of an incident (control, accident), authorized control authorities (in Germany e.g. BALM, EBA, police) and emergency services (public fire brigade) can query the data record stored at TP1 using the identification number of the respective transport unit
- In Road Traffic, vehicles that travel electronically must be marked accordingly

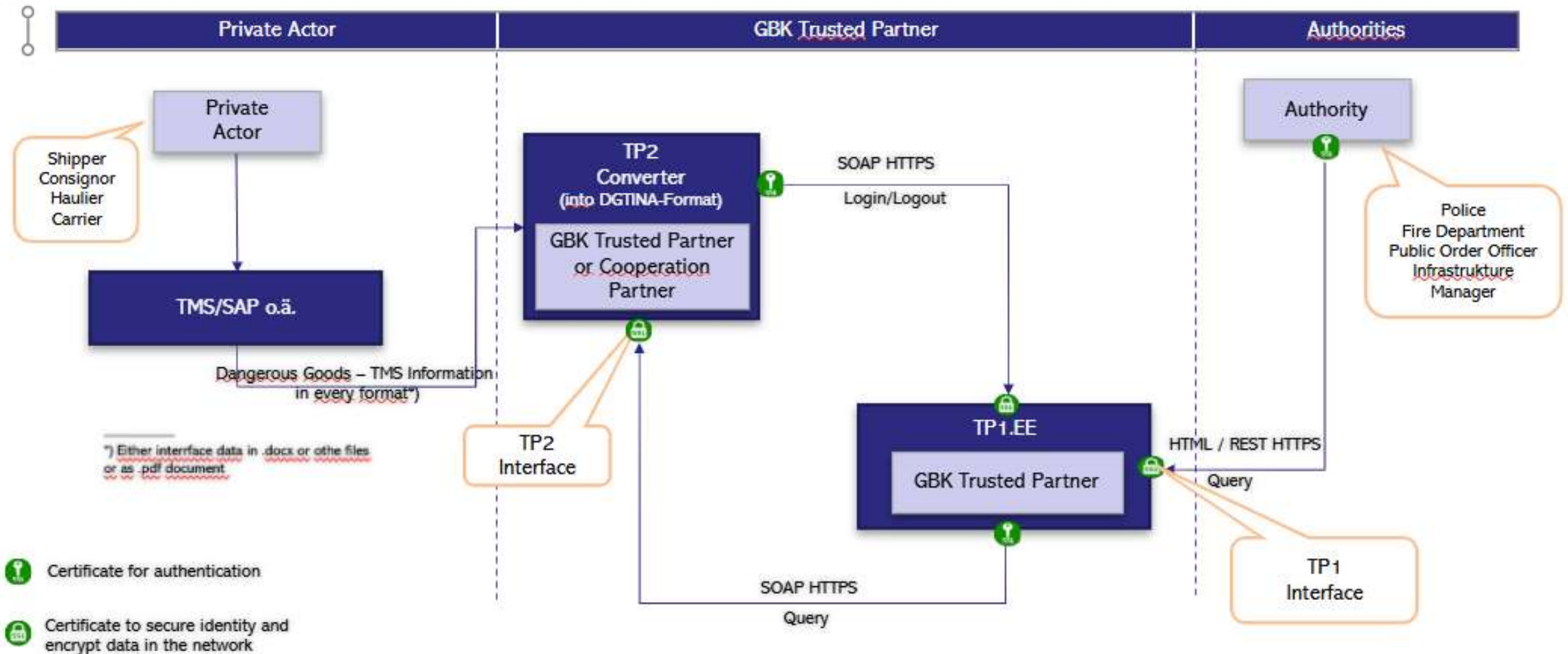


The electronic transport document: current tasks and obligations of GBK Trusted Partner (TP1/TP2)

- Fulfillment of Legal Requirements (including adapting the data model to changes in regulations)
- Provision of the IT Infrastructure TP1 - TP2 for authorities and users from the private sector
- International networking with TP1 of other Countries
- Development, Deployment and Customization of the TP1 database and access interface
- Provision and forwarding of documents upon request from Authorized Parties via certificates

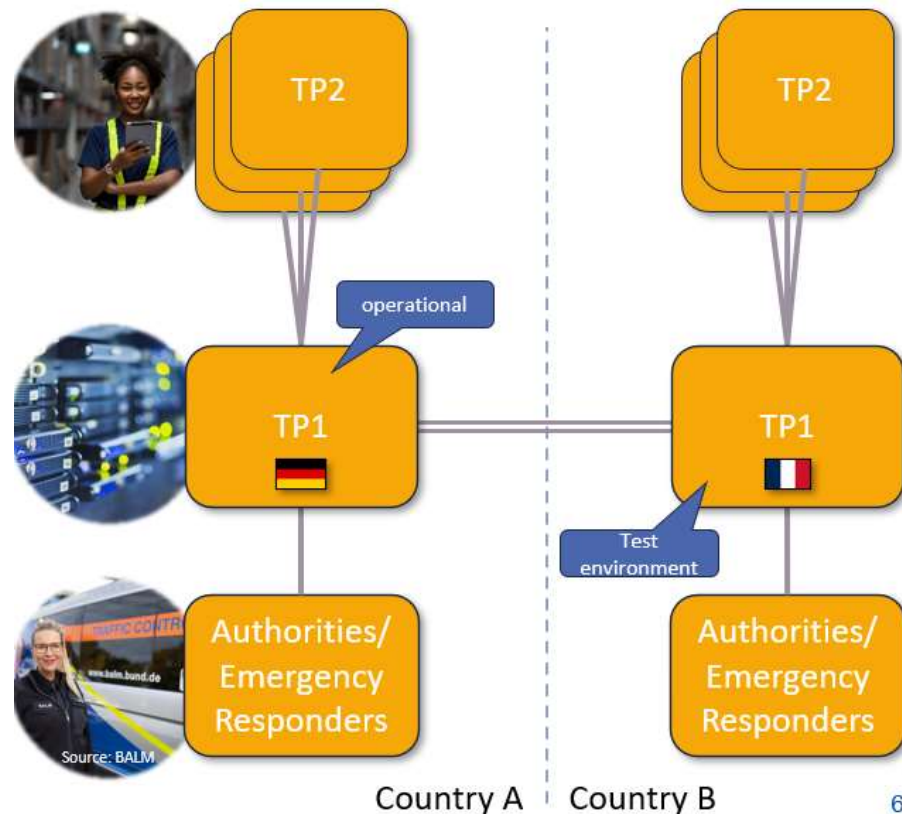


GBK-Trusted Partner: TP2 as service with data conversion – current solution in Germany



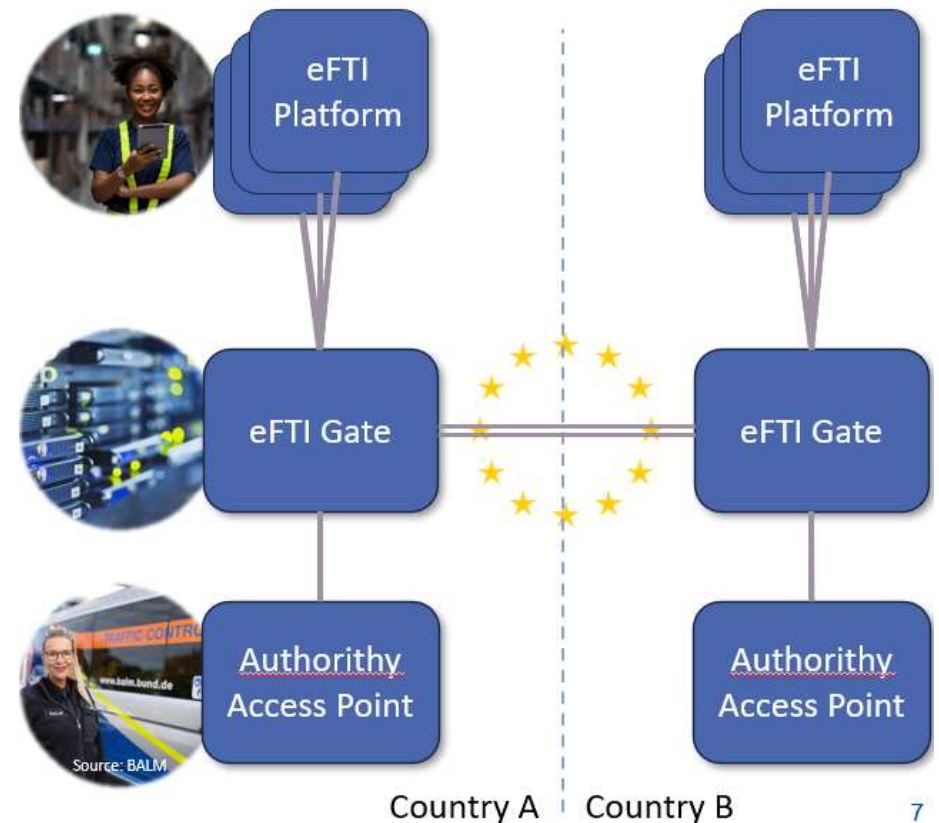
Dangerous Goods Data Exchange TP1-TP2 and Transition to eFTI

UNECE Guideline 5.4.0.2 ADR/RID/ADN



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Dangerous Goods in eFTI



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The electronic transport document: the official German authority TP1 frontend

TP1.DE - GBK Trusted Partner 1
DEVELOPMENT SYSTEM

KARL STRACK

de

Type: Road

Identifier number: HH-KS2002

Select Country: Germany

Search

Vehicle

vehicleCountryOfOrigin	vehicleRegistrationPlateIdentifier	vehicleTypes	containerIdent	ID
DE	HH-KS2002	anyVehicle		
			KCST333666-7	19910ff8dd1
DE	HH-KS2001	anyVehicle		

Document: 1

1. Document

ID	deliveryDate	pickUpDate
19910ff8dd1	9/8/2025, 12:00:00 AM	9/8/2025, 12:00:00 AM

Consignor

Name	Street	Postalcode	City	Country code
logikcs - Logistikberatung	Wulfsdorfer Weg 16	22359	Hamburg	DE

Consignee

Name	Street	Postalcode	City	Country code
GBK Trusted Partner	Königsberger Straße 29	55218	Ingelheim	DE

Description

1. 1202 Heizöl (leicht) umweltgefährdend (Sondervorschrift 640L), 3, I, (D/E).
ENVIRONMENTALLY HAZARDOUS

totalQuantityOfDG: 60 L (volume)

numberOfPackages: 3

packageTypeDescription: Kanister

The electronic transport document: German Data in French TP1

HH-KS2002

Synthèse **Vehicule** Conducteur Complément Documents Transport Documents Matières Dangereuses

Vehicule n°1

Plaque d'immatriculation du véhicule
HH-KS2002

Pays d'origine
DE

Type de véhicule
ANY_VEHICLE



HH-KS2002

Synthèse Vehicule Conducteur Complément Documents Transport **Documents Matières Dangereuses**

Documents MD 19916#8dd1

Expéditeur

Destinataires

Dispositions particulières pour le transport maritime ou aérien

Autres Informations

Liste Documents Matières Dangereuses

UN 1202 Heizöl (leicht) umweltgefährdend (Sondervorschrift 640L), DL_3, GE PG_I (TRC_DE)

Numéro ONU
1202

Nom technique
Sondervorschrift 640L

Groupe d'emballage
PG_I

Quantité totale de marchandise dangereuse
60

☐ Livraison-Vente

☐ Déchets

Matières dangereuses pour l'environnement
ENVIRONMENTALLY_HAZARDOUS

Nombre des colis
3

Désignation officielle de transport
Heizöl (leicht) umweltgefährdend

Étiquettes
DL_3

Code de restriction en tunnels
TRC_DE

Unité de la quantité totale de marchandise dangereuse
VOLUME

Description des colis
Kanister

☐ Quantité limitée

☐ Emballage vide jeté non nettoyé

The electronic transport document: Logging of the Authority Query in the TP1

Browser address bar: <https://dev.tp1.de/dgReport>

Navigation bar:  Registrierte Transporte Gefahrgutdatenabfrage Berichte Administration KARL STRACK

Gefahrgutbericht

Beginn: 01.10.2025 Ende: 01.11.2025 TP2: Alle

Transporteinheiten: HH-KS2002 Hinzufügen

Bericht anzeigen

Zeitpunkt	Behörde	Transporteinheit	Zuständige TP2	Abfragegrund	Erfolgreich
01.10.2025, 11:08:05	TestNeoGLS TRUST (RECETTE-GEOTRANSMD.NEOGLS.COM)	HH-KS2002 [DE]	KARL STRACK	Notfallhelfer	✓
01.10.2025, 11:26:59	TestNeoGLS TRUST (RECETTE-GEOTRANSMD.NEOGLS.COM)	HH-KS2002 [DE]	KARL STRACK	Notfallhelfer	✓

Authority Query in the TP1 – in this case NeoGLS

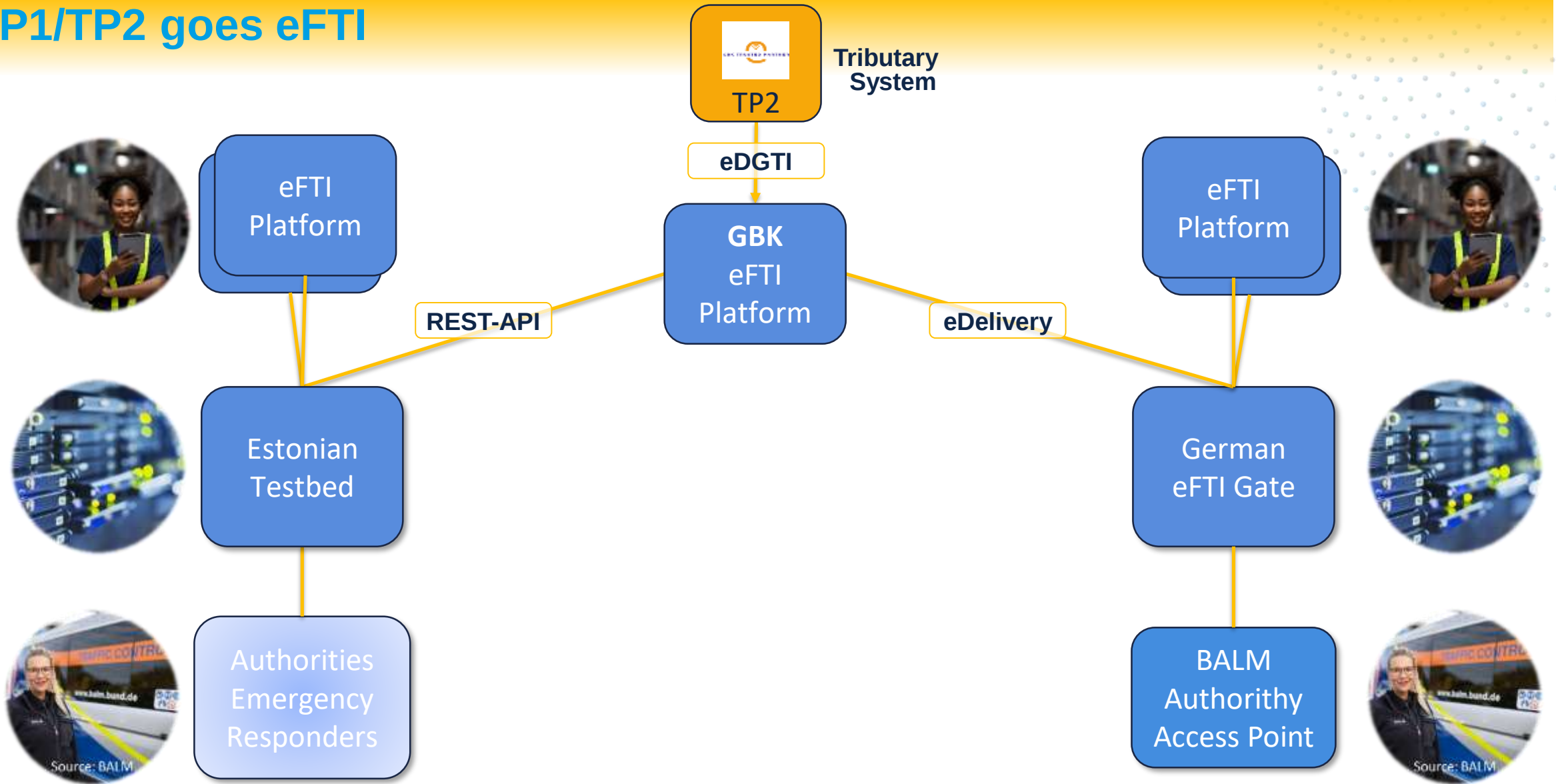
The electronic transport document: Logging of the Authority Query in the TP1

Authority Query in the TP1 –
in this case NeoGLS

Behördliche Abfragen	
Abfragedetails	
Zeitpunkt:	01.10.2025, 11:26:59
Abfragegrund:	Notfallhelfer
Herkunft:	TP1 RECETTE-GEOTRANSMD.NEOGLS.COM
Abgefragte Transporteinheit:	LORRY: HH-KS2002 (DE)
Extern:	✗
Erfolgreich:	✓

Abfragende Behörde: TestNeoGLS TRUST	
ID	TESTNEOGLSSIRETTR
Name	TestNeoGLS TRUST
Typ	Notfallhelfer
Zuständigkeitsbereich	
Zertifikat	MIIBIjANBgkqhkiG9w0BAQEFAADCAQ8AMIIBCgKCAQEAdD9gh8u/vwQeerKvgiJrHpJ01Li260PwCOTBZ4mbZ/25rNUHdaXDmchmR2gEpGq4D01eZosHKGEQIz9kc8hGdP
Postadresse	aucune, 33650 MARTILLAC,, France
Ansprechpartner	
Telefon	0557961166
E-Mail	thierry.daguinos@neogls.com
Zuständigkeit	
Zusätzliche Informationen	
Kontaktadresse	aucune, 33650 MARTILLAC,, France

TP1/TP2 goes eFTI



Dangerous Goods Data Exchange TP1-TP2 and Transition to eFTI

Conclusion:

- *From July 9, 2027, all competent authorities must be able to conduct paperless inspections based on digital data, the standards for which are set out in the eFTI Regulation. **eFTI works with structured data sets specified in the regulation, not with complete documents.** This ensures that competent authorities can only access the information they need and are authorized to inspect.*
- **Economic operators (cargo owners, freight forwarders, carriers) have the option** of providing the legally required information digitally via certified platforms but can initially continue to use freight documents in analog format.
- **Anyone who chooses the German solution for implementing the guidance on 5.4.0.2 ADR today will be well prepared for the eFTI Regulation on Digital Transport Documents for the Transport of Dangerous Goods in July 2027.**



Vielen Dank für Ihre Aufmerksamkeit





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