

REQUIREMENTS AND SOLUTIONS TOWARDS TRANSPORT INFORMATION DATA CONSOLIDATION AND EXCHANGE: eFTI VS. eCMR

Online Workshop: eFTI and Other EU Initiatives to Consolidate Transport Information Data and Exchange It Among States and Economic Operators

german cooperation cooperation cooperation



TRANSPORT INNOVATION ASSOCIATION Ieva Markuceviciute-Vincke Executive Research Manager MC Baltics UAB

2025-04-16



01

HOW eFTI CONTRIBUTES TO B2G

DATA EXCHANGE?

WHAT EXACTLY IS B2G DATA EXCHANGE?



Competent Authority officer, representing government



Driver, representing Business

WHY DO WE NEED B2G DATA EXCHANGE?



Inspecting paper documents on the roadside

Variation in document formats presented

No means to validate authenticity

Relying only on human capacity to process information



Accidental and "accidental" compliance errors

> Hours of time to fill and track paperwork

Fines and reputation risk

Double-work if business operations are digitalized

WHAT STANDS BEHIND B2G DATA EXCHANGE?

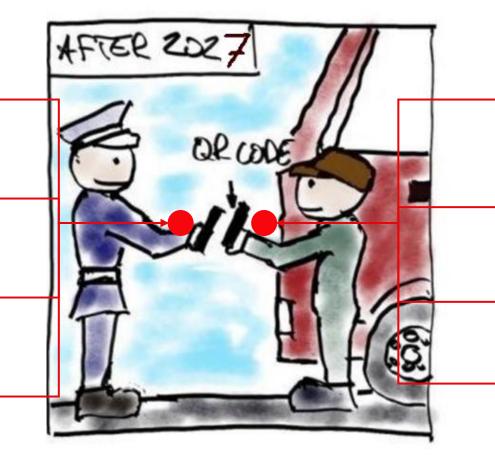


Identification, authentication and authorisation mechanism

Registers of Economic Operators

Digital tools and systems for registration, taxes, control and enforcement

Competent authority work environment



Identification, authentication and authorisation mechanism

Transport management systems

Enterprise Resource Planning systems (ERPs)

Employee interfaces

WHAT IS EFTI? WHY EFTI?

- An electronic environment to access information across border in EU. 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: second half of 2027: EU control authorities must have compatible systems and (be able to) accept electronic freight transport information.



100 Mobility

Consultants

eCMR DATA IS KEY SOURCE OF DATA FOR eFTI



	1.
1. Sender (Name, Address, Country) Godsavsändare (namn, adress, land)	INTERNATIONAL CONSIGNMENT NOTE
Arapak AB	INTERNATIONELL FRAKTSEDEL
Skepptuna Borgen 131	This carriage is subject, nothwith- standing any clause to the contrary to the Correlation or the Contrary for the international Carriage of goods by road (CMR).
S-195 93 Märsta	to the Convention on the Contract for the international Carriage of goods by road (CMR). status via the international godsbefodran på våg (C.M.R.).
Sweden	goods by road (CMH). pa vag (C.M.H.).
	16. Carrier (Name, Address, Country)
 Consignee (Name, Address, Country) Godsmottagare (namn, adress, land) 	16. Carrier (Name, Address, Country) Fraktförare (namn, adress, land)
 Place of delivery of the goods Godsets leveransort 	17 Successive carriers (Name, Address, Country) Efterföljande fraktförare (namn, adress, land)
CRAIGHT BY BEALSON	
 Place and date of taking over of the goods Plats och datum för övertagande av godset 	
	18. Carrier's reservations and observations
	Fraktförarens reservationer och anmärkningar
5. Annexed documents Bilogade dokument	4 I I
Bilogade dokument	+4
 Marks and Nos 7.Number of packages 8.Method of packing 9.Na Märke och nummer Antal kolli Embalieringssätt Gi 	ature of he goods * 10. Statistical num. 11. Gross weight in Ka2. Volume in m3 iodsets at Statistiskt nr. Bruttovikt i kg Volym i m3
Marke our nummer Antai koin Ernoalieringssatt Gi	odsets at otatistiskt III. Bruttovikt rkg volyiir III.5
Klasse Ziffer Buchstabe (ADR) Class Number Letter (ADR)	
13. Sender's instructions (Customs and other formalities)	19, To be paied by: Sender Currency Consignee Att befala av; avsändare kurs mottagare
Avsändarens instruktioner (tull och andra formaliteter)	Carriage charges
	P raiks
	Supplem charges Tillagg
	Other charges Extra kostnader
	Miscelaneous Diverse
	Total to be paled
	Totalt att betala
14. Cash on delivery	
15. Directions as to payment for carriage Fraktbetalningsföreskrift (leveransklausul)	20. Special agreements Särskilda överenskommelser (se även baksidan)
i ranaovanim galoroanini (rovoranoniauacij	
21. Established in on Utfärdat i datum	24. Goods received Date Godset mottaget datum
22. Signature and stamp of the sender Avsändarens underskrift och stämpel Fraktförarens undersk	krift och stämpel
	Signature and stamp of the consignee Underskrift
I	Underskritt
reight bill 2004 - Axolot Data - www.axolot.com	

EU subset 02 : Combined Transport - Subset structure

Object 1	Гуре ID	L* Name			
			Legal info	prmation	
			Status	Requirement(s)	
ABIE	ASBIE1026	eFTI data s	et content		
			eFTI data se	et master content	
		1 <u></u> , , , ,	SI		
ASBIE	ASBIE1027		a set consignme	ent	
			which cover	ment is a separately identifiable collection of consign s a consolidated cargo (could be a single house level t forwarder on behalf of the buyer or the seller. In add	
BBIE	eFTI39		acceptance da	ate	
			The consignment carrier acceptance date/time.		
			Μ	Date of acceptance of the goods	
SC	eFTI40	Date 1	time format co	de	
			The code of	the format of the date/time content.	
			D*		
			D		
BBIE	eFTI41	Gross	mass		
			A measure o	of the gross weight (mass) of this consignment which i	
			С	Weight of the goods	
SC	eFTI42	Meas	urement unit c	ode	
			A code spec	ifying a unit of measure.	
			D*		
BBIE	eFTI45	Gross	volume		
			The measur	e of the gross volume, normally calculated by multiply	
			С	Weight of the goods	

eFTI data

eCMR AND eFTI DATA IN A NUTSHELL



• Based on eFTI regulation

- Based on CMR convention and eCMR protocol
- Protocol ratified in EU and non-EU countries
- Stores eCMR data at source

٠

 Only accepted as equivalent to CMR in handful of countries

- As of now, focused on implementation in EU states
- Provides access to eFTI data during control
 NS. and may only store data retrieved during the control
 - Creating eFTI data exchange environment is mandatory for EU Member States, including legislation and procedure amendments needed to accept digital data

eFTI is intended for B2G data exchange



02

UPCOMING MAJOR INITIATIVES IN DIGITALIZING B2G DATA EXCHANGE IN TRANSPORT

WHAT COMES NEXT?





	WSPÓLNOTA	EUROPI	EJSKA
PL"			GLOWNY INSPEKTOR TRANSPORTU DROGOWEGO
	LICENCJA r	nr.TV C	248406
dotyc	cząca międzynarodowego zarob	kowego pr	rzewozu drogowego rzeczy
do wykonywar trasach, dia y Wspólnoty, jak z dala 21 malid		ego przew rów realizo lamentu Eur	eccu drogowego rzeczy na wszelkich owanych zarotkówa na terytorium opojskiego tłady (WE) w 1072/2000 dostępu do ryska międzywarotowych ogdryma instrujewaj (karecji).
do wykonywar trasach, dia y Wspólnoty, jak z dala 21 malid	nia międzynanodowego zarobkow przewozów lub ozęści przewo okrobione w rozporządnośli. Pari ziernika 2000 r. w sprawie wspóla ogowych eraz zgodnie z postan	ego przew rów realizo lamentu Eur	owanych zarobkowo na terytorium ropejskiego i Rady (WE) nr 1072/2009 dostesu do runku mielawarodosych
do wykonywar trasach, dla j Współnoły, jak z dela 21 pałd przewozów dr Uwagi szczegól	nia międzynanodowego zarobkow przewozów lub ozęści przewo okrobione w rozporządnośli. Pari ziernika 2000 r. w sprawie wspóla ogowych eraz zgodnie z postan	eego przew rów realizo lamentu Eur nych zasad sowieniami	owanych zarobkowo na terytorium ropejskiego i Rady (WE) nr 1072/2009 dostesu do runku mielawarodosych
do wykonywar trasach, dla j Współnoły, jak z dela 21 pałd przewozów dr Uwagi szczegól	na młędzynanodowego zarobkow ogowych lab zgłądu przew przewadów lab zgłądu przewa przewadów lab zgłądu przewa przewadów sa zgłądu przewa	ebgo prece rów realize lamenta Eur nywłoniani nywioniani	ovensyte sarobisove na terytorium regelikkije i Rezi (VBI ne 1027.000 ogćinymi etnejszej i Kenszji.
do wysonywaz trasach, dla p Wrapólnoly, jaki graswoadw dr Uwagi szczegól Niniejsza licenc	In reference of the other		overych arabboen on terfordum regeletinge i fact (Bir 1952) opportunity regeletingen i fact (Bir 1952) opportunity regeletingen intelejacej Internaji.

VAIRUOTOJO PAŽYMĖJIMAS LIETUVOS RESPUBLIKA

> 1. PAVARDÉ 2. VARDAS 3. 01 01 1985 4a. 24 11 2016 4b. 24 11 2026 4b. 24 11 2026 4b. 24 15 2026

00000000

9. AM AL BI B DI D BE DIE DE

Signature

9





INITIATIVES TO PAY ATTENTION TO



- EUDI regulation: Regulation (EU) 2024/1183 of the European Parliament and of the Council of 11 April 2024 amending Regulation (EU) No 910/2014 as regards establishing the European Digital Identity Framework
- EUDI regulation mandates that Member States provide citizens with EUDI Wallets and ensures mutual recognition of eID schemes across borders.
- EUDI Wallet (sometimes referred to as EUDI Digital Wallet) is a secure, interoperable mobile application enabling EU citizens, residents, and businesses to store and manage personal identification data digitally.

- The Single European Digital Enforcement Area (SEDEA) aims to create a unified framework for enforcing EU digital regulations across member states, ensuring consistent application of transport rules
- One of the key ambitions is to improve Cross-Border Cooperation and provide access to Cross-Border enforcement information

THANK YOU!



leva Markucevičiūtė-Vinckė Transport policy & digitalisation

