

# Transbook e-CMR

## **Presentation**

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Geneve, October 2019

# Trinet Informatika d.o.o.

- Logistics-related service provider
  - 650 Customers (from more than 40 countries, mainly from Slovenia and Croatia)
  - Representing all modes of transport, all parts of supply chain
  
- Member of EurTradeNet (European Alliance of customs-related service providers)
  - Founding member
  - 80.000 customers
  - <https://www.eurtradenet.org/>

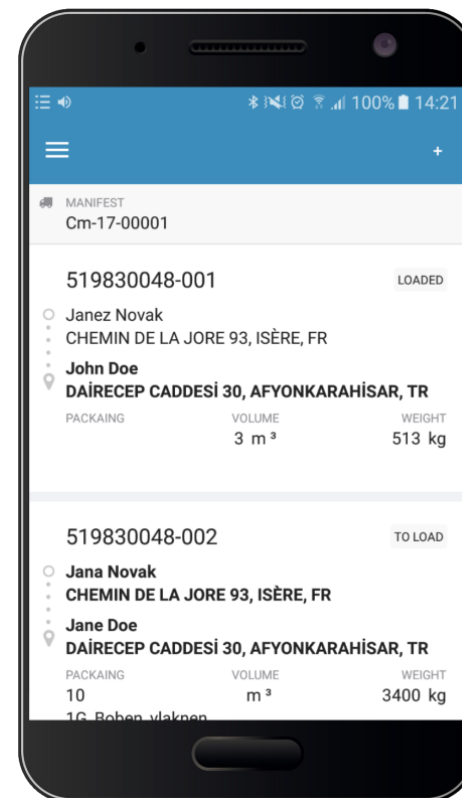


# e-CMR pilot project

- Collaboration with the Ministry of Infrastructure and Ministry of Finance (both Slovenia)
- Supported by Chamber of Commerce and Industry of Slovenia
- National use-case (march 2019)
-  – transport document platform (<https://www.transbook.onl/>)

# Transbook application

- Web application (<https://www.transbook.onl/>)
  
- Support for transport document creation
  - Internal/Draft CMR document
  - CMR document
  - **e-CMR document (beta version)**
    - **UNECE standard data model**
  - Cargo manifest
  - Other consignment notes (to-be)
  - Interoperable (API, web service)
  
- Mobile application Transbook Driver
  - iOS
  - Android



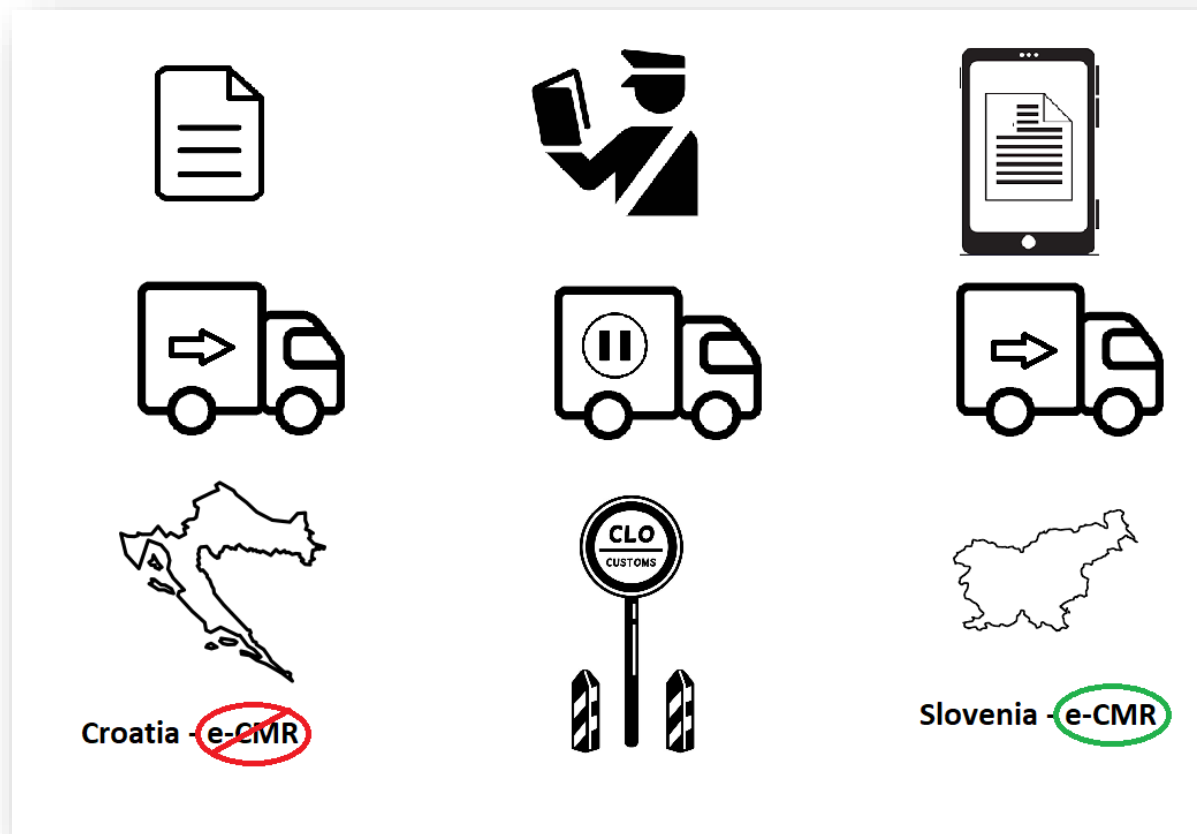
# Transbook and e-CMR

- Electronically signed document
  - Complaint with eIDAS, EU regulation for electronic identification (third party service from SETCCE <https://www.setcce.com/>)
  - e-CMR document = PDF/A file signed by consignor, carrier and consignee
- Storage of the electronic document
  - Cloud or on-premise electronic storage
  - Available for all participants in the contract
  - On-demand accessibility for controlling authorities
- B2A support – direct access to application (every access logged)



# National pilot project 1/3

- Carriage Zagreb Croatia – Novo mesto Slovenia



# National pilot project 2/3

- e-CMR document
- issued by dispatcher in Zagreb via web application
- definition of participants of the carriage contract (document sharing)
- electronic authentication of the carrier and the consignor at loading point performed by mobile device from the carrier with mobile application Transbook driver

The screenshot shows a mobile application interface for signing a CMR document. The top status bar indicates the time is 10:02 and battery is at 62%. The app header shows the user 'ales bester' and the version 'SETCCE ePero® v3.22.0'. Below the header, there are two main sections: 'DOCUMENT LIST' and 'OTHER OPTIONS'. The 'DOCUMENT LIST' section is active, displaying a 'SIGN DOCUMENT' form. The form is a standard CMR document with the following details:

- Document Type:** LETTRE DE VOITURE INTERNATIONALE (CMR 19-00088)
- Sender:** LOKOVICA 125, 3325 SOŠTANJ, SLOVENIJA
- Consignee:** SANKT MICHAEL OB BLEIBURG 24, 9143 VOLKERMARKT, AVSTRILIJA
- Sender Address:** LOKOVICA 125, 3325 SOŠTANJ, SLOVENIJA
- Consignee Address:** SANKT MICHAEL OB BLEIBURG 24, 9143 VOLKERMARKT, AVSTRILIJA
- Weight:** 111,000
- Volume:** 1,000
- Goods Description:** 1 QA - Bubarj, celicni, neukorjeni poklopac
- Signature:** zzzz

The form is divided into several sections, including '1 Exemplaire de l'expéditeur', '2 Exemplaire du destinataire', '3 Exemplaire du destinataire', '4 Exemplaire du destinataire', '5 TEST', '6', '7', '8', '9', '10', '11', '12', '13 TEST', '14', '15', '16', '17', '18', '19 TEST', '20', '21', '22', '23', '24'. The bottom of the form shows the date '07-10-2019' and the sender's name 'SANKT MICHAEL OB BLEIBURG 9143 VOLKERMARKT'. The document number 'e8332990-11fd-4eb4-9d86-8a8b4a9266f' is visible at the bottom of the screen.

# National pilot project 3/3

- e-CMR document
- administration control performed on the border via direct access to the application with mobile device (QR code scan)
- electronic authentication of the consignee at unloading point performed by mobile device from the carrier with mobile application Transbook driver
- e-CMR document uploaded in electronic storage with accessibility for contract participants and control authorities





# Future steps on Transbook platform

- Port of Koper project
  - usage for outbound road transport for instant CMR creation
  - support for e-CMR documents (testing purposes)
  
- International pilot project
  - on-going negotiations with other e-CMR ratified countries (with IRU support)
  
- Invitation of other B2B partners
  - Insurance company (carriage alternative scenarios like damage case etc.)
  
- Support for all kinds of consignment notes (air, maritime, railway)
  
- Technology upgrade
  - blockchain
    - electronic authentication of participants
    - storage of documents
    - smart contract
  - two-factor authentication 2FA

# Thank you for your attention



Matjaž Auflič ([matjaz.auflic@trinet.si](mailto:matjaz.auflic@trinet.si))  
TRINET Informatika, d.o.o.

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