



Working Group Electronic Transport Documents

Introduction

Increasing globalisation and the growing number of goods transported have highlighted the importance of efficient and reliable shipping documents. Currently, most of these documents are still paper-based, leading to inefficient processes, high administrative overhead and potential errors. To address these challenges, the Working Group Electronic Transport Documents was established. Its primary goal is to develop an open source solution that enables companies to handle different types of digital shipping documents in a consistent and interoperable manner.

Why is this relevant?

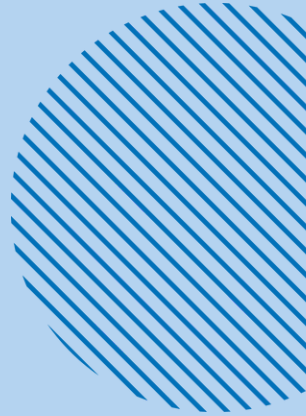
The identification and handling of goods from the consignor to the consignee requires transport documents. Even today, most of these documents are paper-based. Attempts have been made in recent years to provide these documents in various electronic formats, but these are incompatible.

Challenge: Develop an open source solution for companies to handle all types of digital shipping documents in a consistent and interoperable way.

Central question: What can open and interoperable solutions for transport documents look like?

Working Group

Electronic Transport Documents



- **Project:** eCMR
- **Started:** May 2022
- **Problem:** The use of paper documents leads to many problems such as language barriers, time loss, tampering, media disruption, transmission errors and tedious manual rework.
- **Goal:** The eCMR project will allow companies to uniformly create, edit, save, forward and archive shipping documents for international carriage of goods by road (CMR) in an electronical human and machine readable format.
- **Status Completed:**
 - eCMR instance running at Rhenus, DACHSER and Fraunhofer IML
 - Pilot with real transports was successfully launched at a press conference during DLK in Berlin
 - Legal questions regarding signatures on the eCMR are clarified by the Legal Product Owner
 - IT Security Report in collaboration with IT experts
- **Status In Progress:**
 - Preparations for the participation of guest users in the inter-company eCMR pilot



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WG Members



Working Group Leads

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Get intouch with our ETD Working Group



Scan the QR code for more information about
the eCMR project, meeting times, and more.

Join our GitLab to stay up to date, download and view our
ETD open source solutions:

<https://git.openlogisticsfoundation.org/>

Our Ideation Topics at a glance



Driver app

Implementation of a white-label driver application focused on the spot market, running in parallel with the company's own applications.



Train & Wagon

Developing uniform interfaces and processes for recording and transmission of train and wagon information.



Emissions Reporting

Developing a standardised data framework for the seamless exchange of emissions-related transport data across the supply chain.

Explore all the projects available in the Open Logistics Repository:
<https://openlogisticsfoundation.org/foundation-projects/all-projects/>