

Transporeon eCMR

Complied with eIDAS Advanced protocol

Transporeon's eCMR solution replace the paper consignment document, as it was established in 1956, by providing the technology to do so but most importantly to minimize the uncertainty that supply chain stakeholders feel around this subject in the EU. To accomplish this mission we delivered a product under the data model category that combines information from different sources and displays them in real time with the possibility to be shared not only between companies but authorities and 3rd party systems as well. Our eCMR solution is based on the IRU model from 2007 in regards to the framework. The technology is based on QR code scanning with advanced electronic signatures (eIDAS).

CHALLENGES

LACK OF TECHNICAL INTEROPERABILITY

Technical constraints on how to connect to each individual but also lack of transparency between the parties that are being involved (shipper, carrier, recipient, authorities, 3PLs etc) add to an already time consuming process of issuing an eCMR, getting all signatures and sharing back the copies with all the necessary parties. Many disparate technology solutions that not all work together make digitizing a process that needs different parties to collaborate together on digital documents even harder.

LACK OF LEGAL INTEROPERABILITY

On many occasions initiatives are on an international/European scale, but nationally different regulations and procedures can apply. eCMR is an international initiative promoted by the EU commission but each country needs to nationally ratify the protocol and can have national amendments to the regulation. Lastly, the eCMR process needs to be GDPR compliant and based on advanced electronic signatures (eIDAS).

SLOW INVOICING PROCESS

The invoice can only be issued after receipt of the CMR or, in the case of damage claims only after clarification of the facts with the service provider and goods recipient.



FEATURES

DIGITAL SIGNATURES

The user signs the digital document by scanning the QR code shared with him/her and authenticating him/herself via email or mobile phone number.

STORING OF DIGITAL SIGNATURES AND VERSIONS

The eCMR is a legal document and needs to respect the legal retention periods that are applicable per country, which can range from 5 to 10 years. We are storing not only the document but all the different versions of it with the information added from all parties for auditing purposes.

SHARING eCMR via QR-code, EMAIL, SMS.

Sharing is possible via different options according to the user's needs and each company's current processes. We allow sharing via QR-code by default but if needed we are also able to share the URL via a text message to a provided via master data mobile phone or an email.

PRINTING THE eCMR

Printing the eCMR is possible at any time once the shipper has signed the document.

FINDINGS AND GOODS CHECK ON ITEM LEVEL

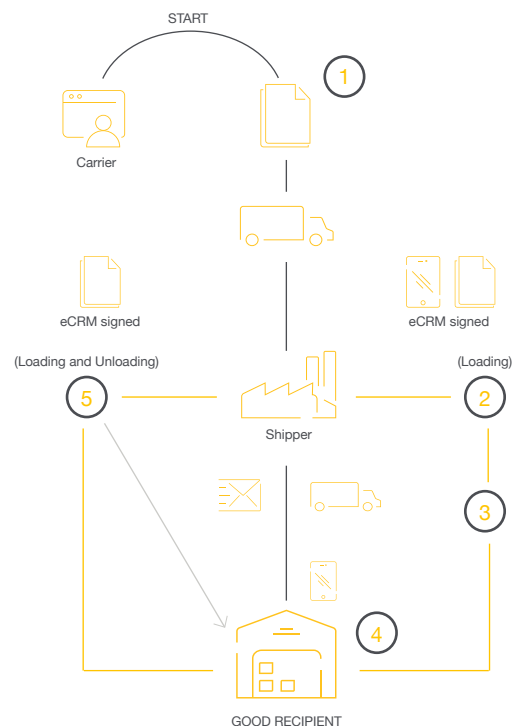
The user has the possibility to add any findings that will be displayed automatically to the document and visible to all parties. He/She is able to add seal information if any and check the goods loaded and received on item level with findings, comments and pictures in any of them. All to be displayed on the eCMR document.

HOW IT WORKS

1. The document is being issued by the designated party (shipper, LSP, 3PL, carrier etc). The moment the final quantities for loading have been confirmed the shipper signs the document electronically and shares it with the driver via QR-code, SMS or email.
2. The driver opens the URL that was shared with him and verifies himself via his mobile phone. He can review his company's information, the transport information and findings from the shipper. He is able to edit, remove and add information. Comments, findings and pictures can be added at this phase.
3. Once the driver has completed these steps he is able to electronically sign from his device the eCMR document. Instantly he receives to his mobile device via SMS. The link is being used to handover the goods to the recipient, add comments, add another driver or share the PDF eCMR with any 3rd party.
4. When the truck arrives at the goods recipient, the driver shows the QR code to the recipient to complete the process by electronically signing the eCMR document. The recipient can confirm the goods recipient on item level and report discrepancies in quality and quantity if any. Finally he/she signs on glass to complete the process. She/He can sign on the driver's or their own device.
5. With the consignee's signature the final version of the eCMR is available in real time for all parties to view and share. If an e-mail address is available or stored by the goods recipient, he will receive the final eCMR via e-mail.

BENEFITS

- > **Communication and execution between all parties regardless of the spoken language of each party and his connection with Transporeon.**
- > **Reduction of administrative and time expenses through real-time communication with all parties involved in the transport and through the digitalisation of paper storage**
- > **Secure and error-free data through automated transfer, reducing manual errors**
- > **Easy damage and claims management through immediate information about damage and difficulties during transport - immediate action can be taken by the shipper in the case of damage**
- > **Fast invoice process: Invoicing can be initiated with the transfer of the final eCMR PDF**
- > **Even more complete overview of the carrier's performance, but also performance towards your customers deliveries.**
- > **Safety for the carrier through direct transfer of the transport data**



WANT TO FIND OUT MORE?

Get in touch for more information on Transporeon eCRM.

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