

Best practice: e-CMR from paper to paperless

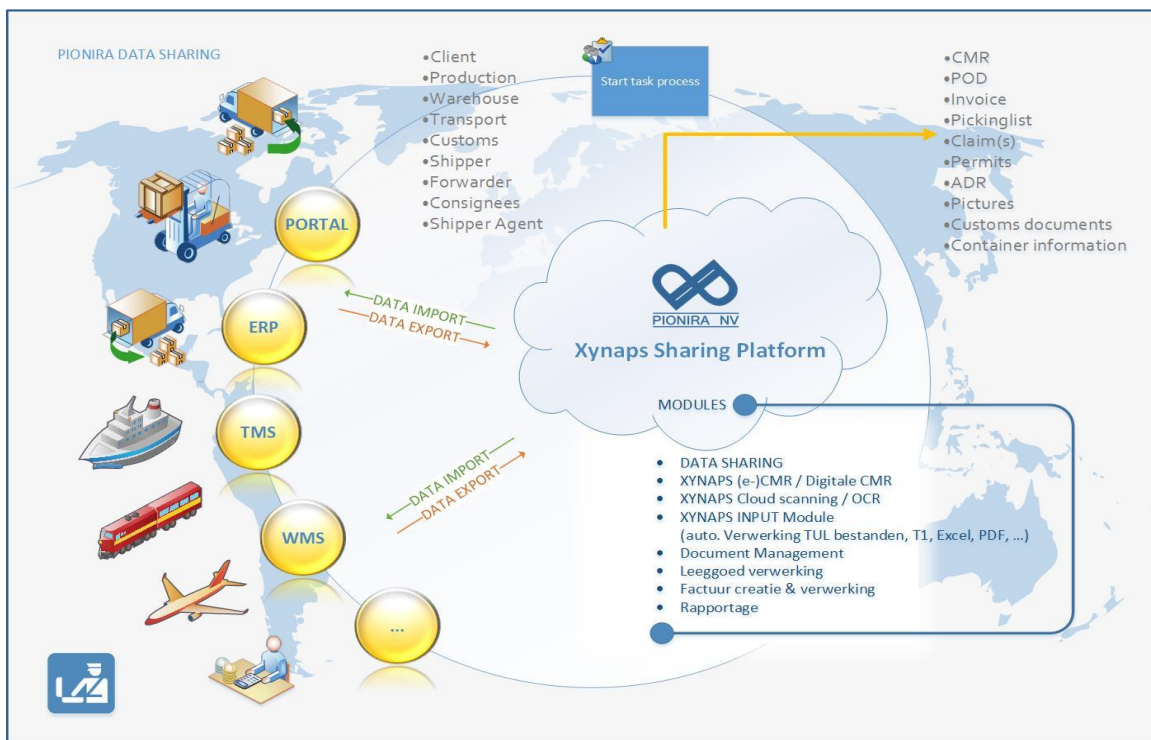
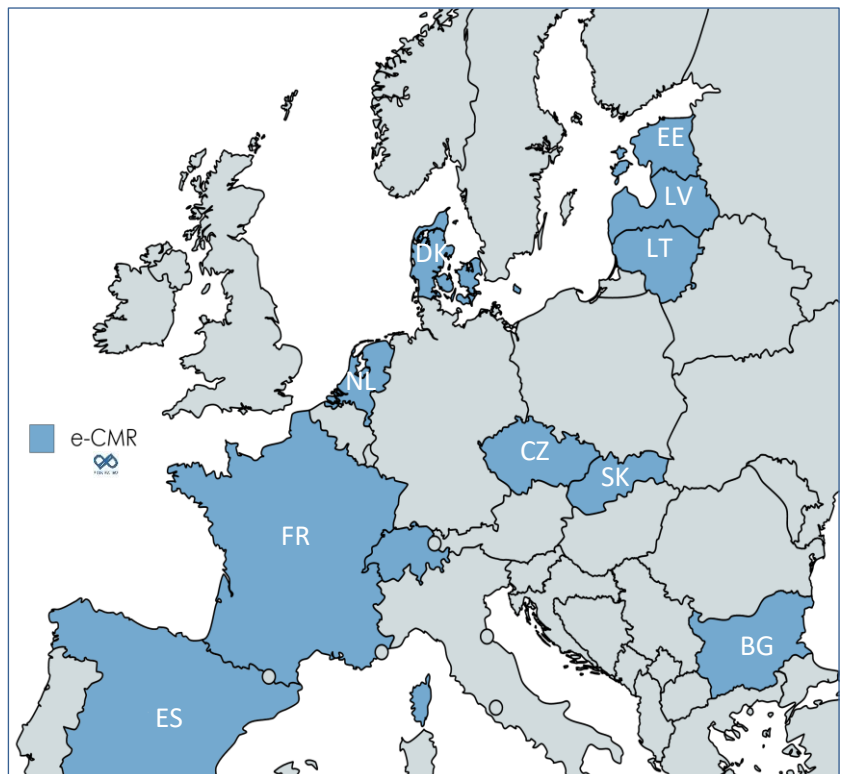
e-CMR replaces the paper version of the Contract for the International Carriage of goods by Road.

e-CMR is an innovation that helps supply chain stakeholders to better integrated their administrative processes.

The e-CMR can be visualized by any supply chain stakeholder from any type of mobile device.

e-CMR is an example of “disruptive innovation” in the digital transformation of the supply chain.

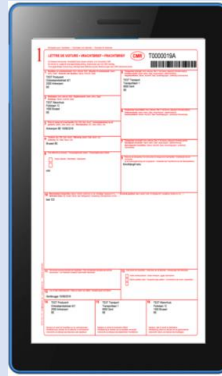
The digital bill is stored in the cloud and can be consulted by each supply chain party.



Paper CMR



eCMR



Functionalities comparison

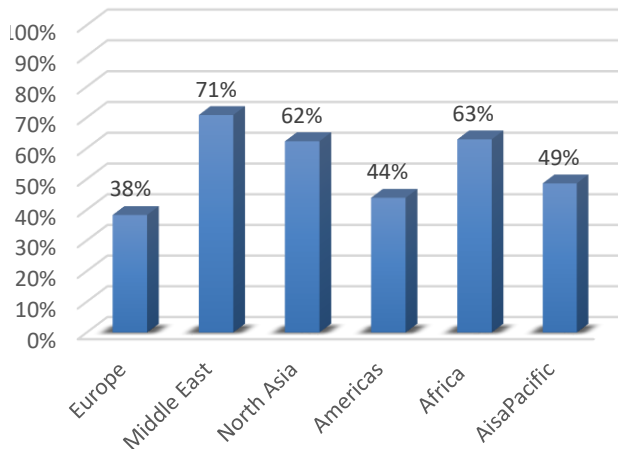
1. Participative conditions Unregulated	1. Participative conditions Only registered, checked and contracted companies
2. Signing of the CMR Uncontrollable signature	2. Signing of the documents Only by registered user of a registered company The user's name can be printed on the DigiCMR
3. Stamping of the CMR Uncontrollable stamp	3. Stamping of the DigiCMR With the uploaded stamp of a registered company
4. Driver's signature Uncontrollable signature	4. Driver's signature. By entering of the name and the driving license number of the truck driver. The drivers name will be printed on the DigiCMR
5. Automatically pre alert to consignee Not available	5. Automatically pre alert to consignee Pre alert will be send automatically by e-mail with the attached documents (delivery notes, invoices etc.)
6. Track & trace Not available	6. Track & trace Tracking the status of the shipment possible
7. Arrival and damage report Not available	7. Arrival and damage report The system sends automatically the receiving report to the sender and the carrier. The confirmed DigiCMR document will be attached in PDF format.
8. Queries and reports Not available	8. Queries and reports Query of shipment by DigiCMR number, date, period, truck number plate etc. 7 years long possible. Excel export also available.
9. Archiving of the CMR documents Printed version will be archived	9. Archiving of the documents The system archives 7 year long all the documents.
10. Identification of the sender & consignee Not available	10. Identification of the sender & consignee By the Internet IP address of the sender and consignee.
11. Security & safety Not available	11. Security & safety Information about lost shipments Immediately information about the transport damage and the responsibility
12. Evaluating of the partners Not available	12. Evaluating of the partners Damages, delays per partner per period etc.
13. Digital signature and date stamp Not available	13. Digital signature and date stamp Digital signed by DigiCMR organization Time stamp available
14. GPS coordinates of the consignee Not available	14. GPS coordinates of the consignee It will be printed on the transport documents

e-Airway bill

First introduction: Adopted by the IATA Cargo Services Conference in March 2010 as the IATA Recommended Practice nr. 1670.

Present:

World penetration 50.7% (2016)



Source: IATA, 2017

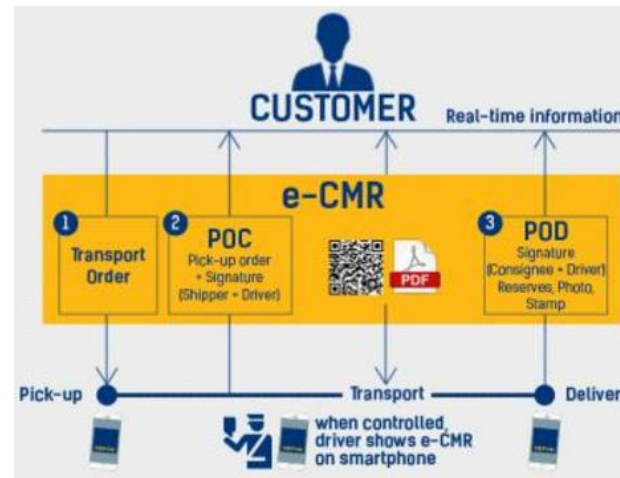
EDICOM Air main platform partner for IATA

IATA key partner in e-Airway bill implementation

e-CMR

First introduction: IRU, ASTIC in Spain and FNTR in France organized a first e-CMR transport in January 2017.

Present: Currently expanding in Europe



Source: GEFCO

Functionalities:

e-CMR available via the APCS portal.

Sign on glass for the e-CMR receiving party.

Free download DIGICMR app from Google play.

Benefits:

Reduced costs: ex. labour and administration costs (aprox. 6.21 Euros per document, Dutch Minister of Economic Affairs)

Improved productivity in logistic processes (reduce dwell time) and value-added services.



e-Bill of lading

First introduction: SeaDocs project (1986) initiated by INTERTANKO in collaboration with Chase Manhattan bank.

Present:

Mostly used in shipping industry for: tankers, bulkers, barges & liner

Two platforms International Group of Protection & Indemnity Clubs:

- CargoDocs electronic Bills of Lading or essDOC: 4,700+ companies across 75 Countries
- Bolero electronic bill of Lading
- INTTRA offers e-B/L to over 50 carriers

