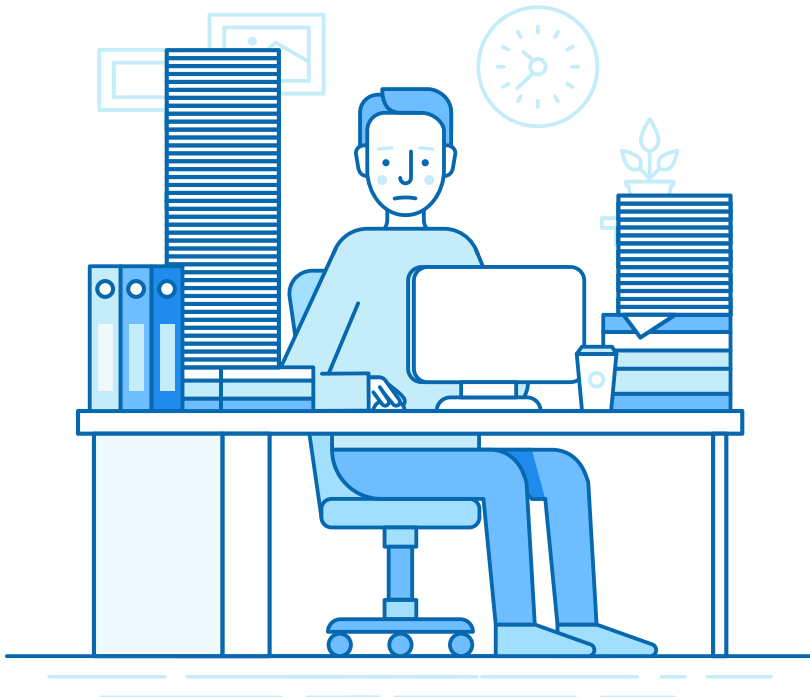


WAVE
~

The Key To Paperless Trade



How trade works today



For Centuries International trade has been managed on paper documents

Each transaction involves many participants including buyers, sellers, carriers, logistics companies, government agencies and financial institutions that exchange original paper documents in courier envelopes.

Each participant has to:

- Receive an envelope of documents
- Verify the authenticity of the documents and signatures
- Manually extract the information to his ERP / TMS
- Endorse the title and add his own relevant document
- Pack the set of document and send to the next party via courier service

The total courier costs for sending paper documents are:

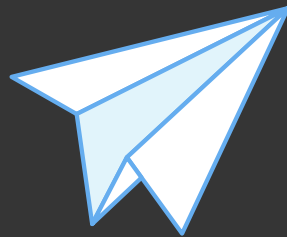
\$9bn per year

The physical transfer of documents makes each trade transaction take:

10-21 days

The full dependency on paper documents results in:

200 million paper Bills of Lading issued annually



Paper Risks

- Documents loss
- Documentation forgery
- Delayed transport of documentation leading to delays in delivery of goods and costly demurrage expenses



Commercial Risks

- Commercial Disputes
- Documentary frauds
- Lack of risk mitigation tools for short shipments



Time & Costs

- The handling and transfer of Document generates a cost ranging between \$100 to \$300 per transaction
- The internal process of transferring and verifying documents is slow and delays commercial activities
- The processing of documents and the extraction of trade data takes 15-30 min per transaction
- Archive costs and paper waste

Wave - Electronic courier



- **Decentralized P2P network** that digitally connects all members of the supply chain
- **Wave supports all trade documents** - Bills of lading, Certificates of Origin, Invoices, Packing lists, Certificates of inspection and much more
- Direct document transportation - keeping the documents 100% **negotiable and confidential**
- **Supports all trade transactions** and activities - Open account, L/C, CAD, etc.
- **Industry agnostic solution** built on technological consensus - the blockchain, instead of blind trust on a central entity
- Documents and trade **data is held only by the parties** and protected based on their own policies
- **No registration** requirements - anonymity of the network participants and their trade activity and partners
- Title is managed on the Blockchain in an anonymous way - **no single point of failure** or trust in third parties
- Supports international regulatory environment and requirements

Wave is completely free for importers, exporters and traders

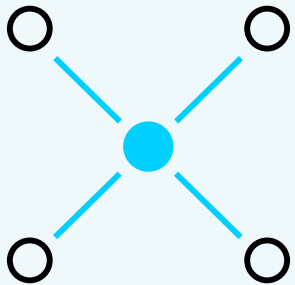
Why Decentralized?



Keeping the status-quo - the power of the "Original Bill of lading"

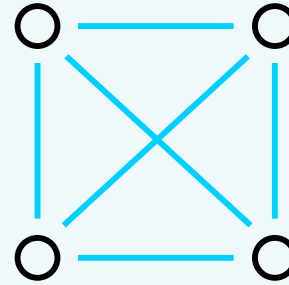
Decentralized technologies are the only way to provide full negotiability and confidentiality of information in an electronic environment.

Centralized



- Transactions and title reside in and are governed by a central entity
- Third party manages disputes resolution between the parties
- Trade data is exposed to and controlled by a single party or more

Decentralized



- Title is managed and governed on the blockchain, keeping the balance of power between the users
- Blockchain provided certainty of Title eliminates all disputes and the need for their third party resolving
- Complete anonymity of the participants and data is kept only by the parties



Currently Wave is the only decentralized solution in the market (Patent pending).

What is Blockchain?



Blockchain technology is considered as the leader in both decentralization and security technologies



The blockchain is an electronic ledger that is shared between all participating entities in the network, where they all agree on its validity

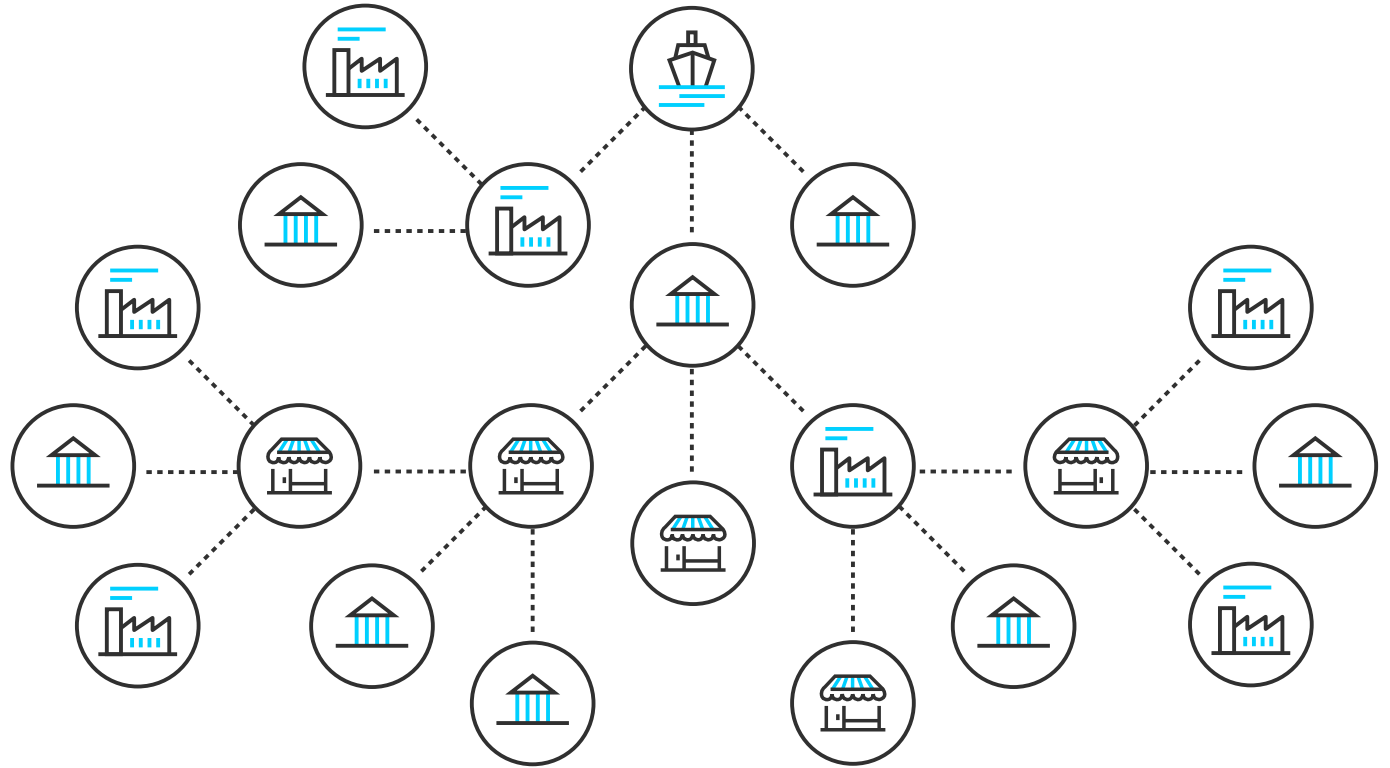


Validity is verified using a pre defined set of rules embedded in the source code



ECDSA is used for signing and verifying transactions – a well known and trusted cryptographic algorithm

Adaption is simple!



- Joining the Wave network requires no registration
- Importers and exporters are invited to join and use Wave free of charge
- Wave requires no change in any internal work flow
- Wave can be used as a standalone application - no IT perpetration or integration is required
- User training takes an average of 10 min

Confidentiality and anonymity

- Endorsement chain and document ownership are managed using the Blockchain technology
- A proprietary anonymity layer that was developed specifically for the Wave network, denies business intelligence mining on the network
- All documents are private, encrypted and sent directly between the commercially related parties. Decryption can only be made by the addressee - Wave does not have any access to the contents of the documents

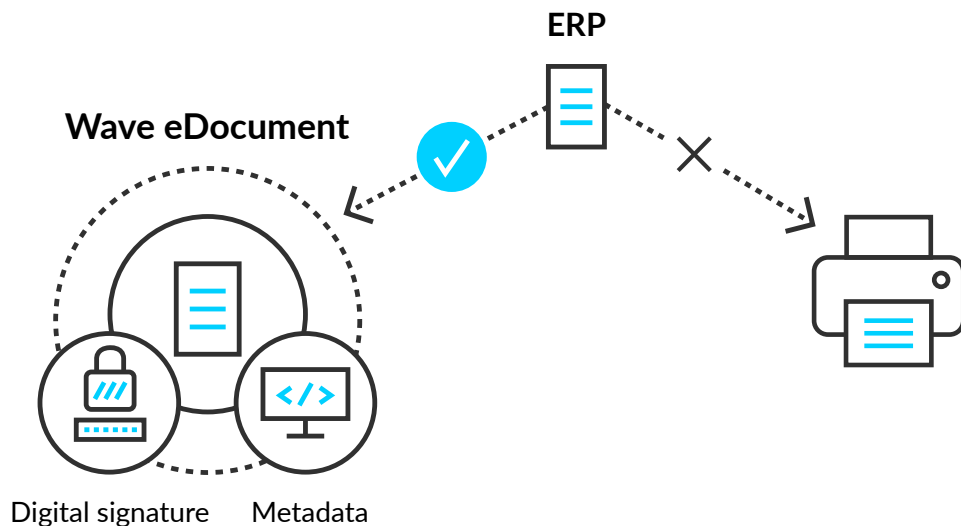


Document creation

No change in the document content or the issuing process - Wave replaces printers and paper only

The Wave application connects to ERPs, TMS or GLS as a virtual printer.

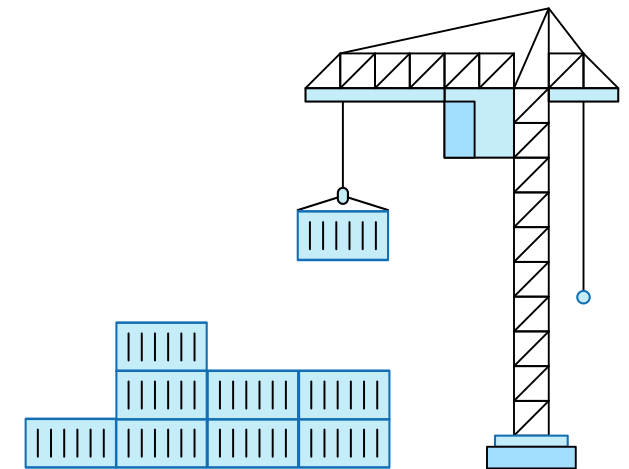
1. The received document information
2. Metadata (connection to the blockchain)
3. Digital signature that marks the Issuer and disables further changes to the document.



Documents transfer

Endorsing and sending documents is as easy as sending an email, just add the recipient address and press send

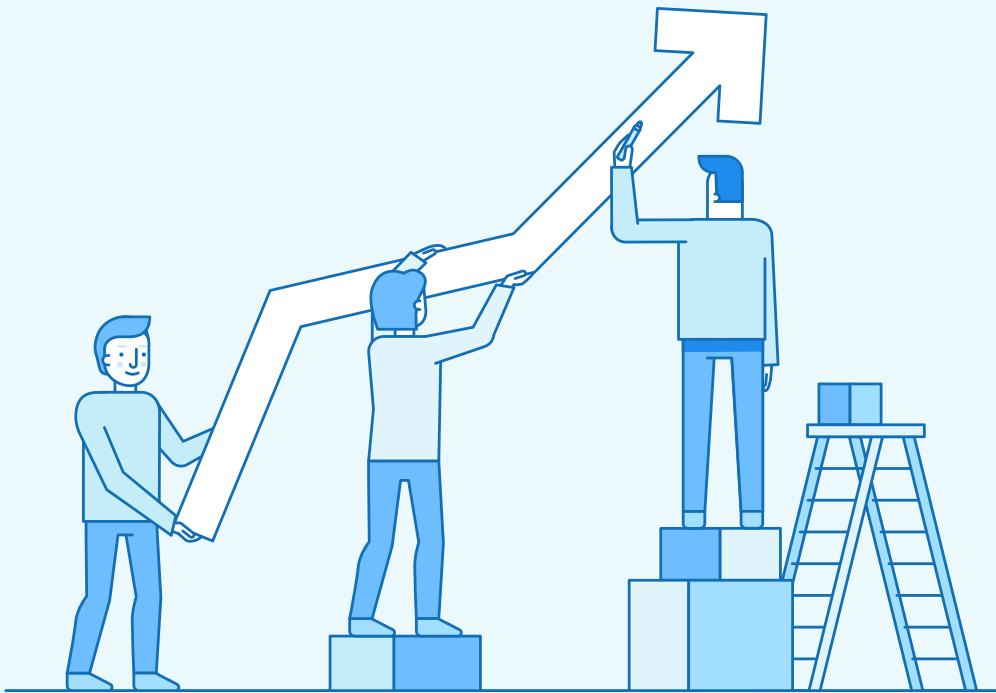
Wave handles each document based on the commercial, legal and regulatory requirements - The experience for the user is as simple as sending an Email



Why use Wave?

Contact us for a live product demo

- Joining & using wave is completely **free for importers & exporters**
- **No registration** is required
- **No change in current workflows** or change in legacy systems - integration is optional
- Receive and send trade documents directly from your desktop – **eliminating document transportation costs**
- **Eliminating risks** of using paper (delays, forgeries, loss, etc.)
- Wave handles each document based on the commercial, legal and regulatory requirements - The experience for the user is **as simple as sending an Email**
- Automate and digitize a cumbersome manual process - **integration will streamline processing & handling procedures**
- The Wave solution can **save over 90% of cost** associated with document processing



WAVE

Thank you!

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