

# A Trust Network for Trading Partners

A global digital utility that links governments and businesses via public blockchain for secure exchange of trade documents.

**TRADESTREAMX**

Powered by  
**KNOWLEDGE  
CATALYST**

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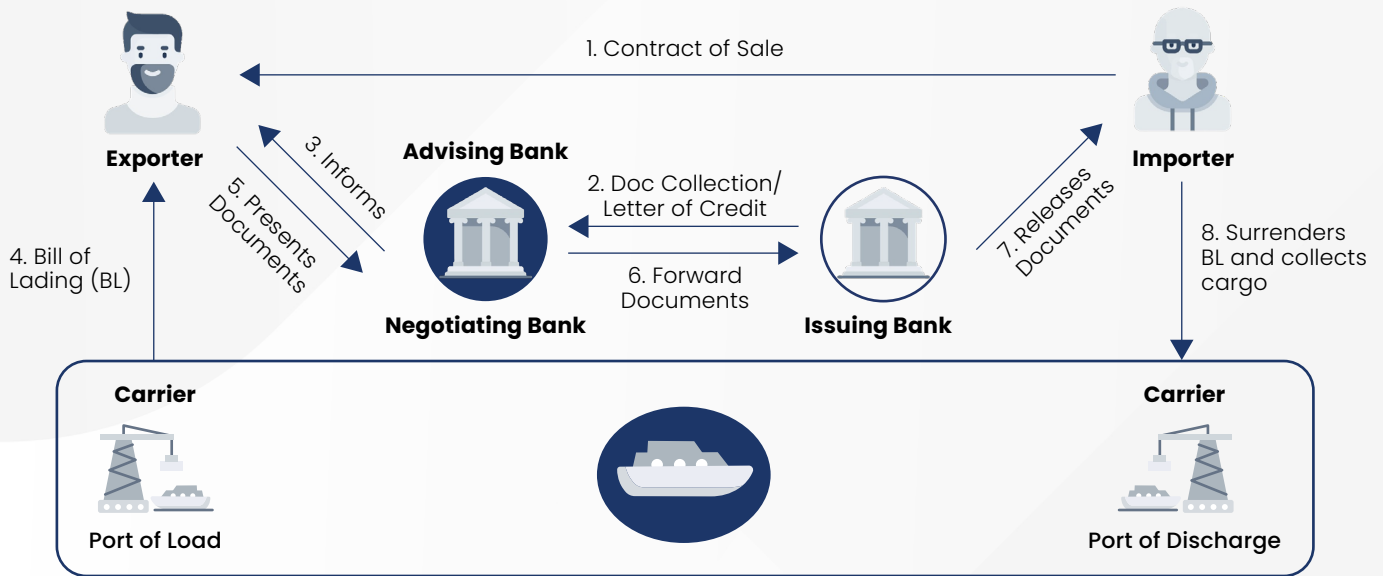
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# Main Benefits

TradeStreamX can bring benefits to the trade, finance and logistics ecosystem



## Legal certainty for electronic Transferable Documents

Singapore’s Electronic Transactions Act (ETA) amendments enable the creation and use of electronic Bills of Lading (eBLs) that are legally equivalent to paper-based Bills of Lading.

## Increase efficiency, lower cost and lower risk of fraud

Risk of fraud is mitigated through the use of DLT technology to verify the authenticity and provenance of the trade documents.

US\$4 billion savings annually if half of today’s shipping lines adopt eBLs – according to the Digital Container Shipping Association (DSCA).

## Support innovative service offerings

Aid the convergence of physical, financial and document chains making automation of key processes possible.



# Transferrable Records

Trade documents that entitle the holder to claim the performance of an obligation or ownership.

**Examples :** bills of lading, bills of exchange, promissory notes, and warehouse receipts.

The Exporter

## Cut down time and cost of dealing with Blank-Endorsed BL

**Step 1 :** Exporter receives eBL from carrier via email

**Step 2 :** Exporter checks for authenticity and provenance including endorsement entry

**Step 3 :** Exporter performs endorsement to Negotiating Bank and sends eBL to Negotiating Bank via email

The Importer

## Streamline cargo collection process

1. Shortened endorsement process
2. Lower cost, faster turnaround and less paperwork
3. Lower risk of human error
4. Simplify the checking of entire endorsement chain

The Carrier

## Use eBL solution to issue and surrender eBLs to clients

1. Improved customer experience with fast, transparent and trusted eBL
2. Remove the need to subscribe to multiple eBL solutions
3. Lower the risk of human error
4. Legal certainty as TradeStreamX is designed to align to MLETR (Model Law on Electronic Transferable Records)

The Banker

## Reduce fraud to process Blank-Endorsed BL

**Step 1 :** Negotiating Bank receives eBL from Carrier (via email) and checks for authenticity and provenance including the endorsement entry

**Step 2 :** Negotiating Bank performs endorsement and sends to the Issuing Bank (via email)

**Step 3 :** Issuing Bank checks for authenticity (via TradeStreamX) and provenance including the endorsement entry before endorsing the eBL





# Verifiable Documents

Verifiable Documents are other non-transferable trade documents that do not confer ownership.

**Examples :** Certificate of Origin (CoO), Invoices and promissory notes.

The Exporter

## Improve the process of handling the Certificate of Origin

**Step 1 :** Exporter receives eCoO from Exporting Country's Cert Issuing Authority via email

**Step 2 :** Exporter checks for authenticity and provenance

**Step 3 :** Exporter sends the eCoO to Bank via email

The Importer

## Streamline cargo collection process

1. Efficiency gain from streamlining of processes
2. Reduced cost, faster turnaround and less paperwork
3. Lower risk of fraud and human error
4. Need not subscribe to expensive solutions as eCoO can be verified for free via the TradeStreamX website

Cert Issuing/Checking Authority

## Issue Certificate of Origin

**Step 1 :** Exporting Country's Cert Issuing Authority issues and send eCoO to Exporter via email

**Step 2 :** Exporter uses eCoO for various process including sending to Importer for verification

**Step 3 :** Importing Country's Cert Checking Authority receives eCoO from Importer via email and checks for authenticity and provenance via TradeStreamX website

The Banker

## Reduce fraud to process Certificates of Origin in trade financing applications

1. Faster turnaround and less manual paperwork
2. Lower risk of fraud as eCoO can be verified for its authenticity and provenance
3. Lower the risk of human error
4. May be able to offer better trade financing terms to customers due to reduced risk