#dltledgers

A digital framework to facilitate eBL functionality underpinned by blockchain technology in partnership with TradeTrust
Overview

What makes dltledgers stand out as the platform of choice?

Fast-growing, independent company, free of consortium ties, with support from multiple Singapore government agencies such as Enterprise Singapore, Infocomm Media Development Authority (IMDA) & MPA and other Govt agencies like Abu Dhabi Global Market (ADGM), UAE. We support the “Go Digital” program subsidized by Singapore Govt to SMEs.

Experts in cross-border trade operations and digitisation, with $3bn-worth of trades already successfully executed digitally.

Multi-award-winning enterprise software, managing trade flows for 4,000+ users, between 28 countries and 4 continents. Working in technology partnerships with Microsoft, SAP, & R3 Corda.

Cloud agnostic solution offered as SaaS (Software as a Service) subscription - Microsoft Azure, Google cloud, AWS etc. Pre-configured fully functional modules for easy & quick deployment. dltledgers as certified partner to SAP provides integration to systems of records.
Ocean carrier/shipping line/freight forwarder generates eBL in their system and issues it into the #dltledgers platform for ownership transfer to the exporter digitally.

Exporter transfers the title to exporter’s bank on #dltledgers platform.

Immutable records (tamper-proof) and blocks being generated in the chain.

CARRIER

Outbound

Cross-border ocean/sea cargo in container or bulk

Importer’s bank will transfer the title to importer digitally on #dltledgers platform.

Importer surrenders the eBL digitally and requests for cargo release on #dltledgers platform.

Importer (Consignee in eBL)

Carrier

Carrier

Importer’s bank

Exporter (Shipper in eBL)

Exporter’s bank will transfer the title to importer’s bank.
Our Engagement with TradeTrust

- We are the first local fintech provider to engage with TradeTrust and Integrate with it (over last 18 months)
- We have done the number of TradeTrust Pilots with multiple customers
  - OLAM
  - Mitsui
  - + 5 others
- We have collaborated to provide feedback to TT team to improve the TT useability
- We are in process of building “e-Bill” Interconnect which will allow TT to inter-operate with other eBL
Open account transaction
(no banks in the network)

#dltledgers digital blockchain framework to facilitate eBL with Shipper (Exporter) and Consignee (Importer) using TradeTrust digital notary services, operating under a public ethereum protocol. Steps involved are:

- Upload eBL
- Issue eBL in TradeTrust
- Transfer eBL
- Endorse eBL
- Surrender eBL
Issuance of eBL in TradeTrust (by Carrier*)

Issuance of eBL in TradeTrust

Select TradeTrust tile in #dltledgers and facilitate the issuance of eBL in TradeTrust

* Note: Example of a carrier is One express, Maersk etc..
Issuance of eBL in TradeTrust

Upon submitting, Metamask extension (eWallet service) will pop up to request for confirmation. Click confirm to proceed with issuance of eBL.
Transfer of eBL Ownership to counter-parties
(Example from Exporter to Importer)

eBL ownership transfer to other counter-parties

From the dropdown list select endorse change of ownership and click submit