



dlt ledgers

# Blockchain for Trade and Supply Chain Digitisation

INTRODUCTION

## #dltledgers

The leading, independent blockchain platform for trade and supply chain digitisation.

In partnership with:



Enterprise  
Singapore



#dltledgers: blockchain-based trade execution





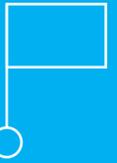
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Blockchain for Trade and Supply Chain Digitisation

Headquartered in Singapore; built to scale globally.

2017

commercial launch



300+

subscribed customers,  
and 21 corporates



>S\$ 3 billion

trade financed



60+

FTE in Singapore (HQ)  
MENA, India, Japan



5 IPOS

trademarks



45+

banks



Next-Gen

blockchain and ML



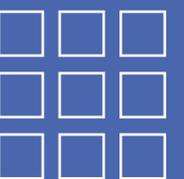
Sector Neutral

agri-commodities  
metals and minerals  
oil and energy  
merchandise



60+

smart contract templates





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## Blockchain for Trade and Supply Chain Digitisation

**Problem: cross-border trade is complex, manual, and reliant on outdated processes.**



#dltledgers: blockchain-based trade execution



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## Blockchain for Trade and Supply Chain Digitisation

# Solution: a 3-pronged approach to digitising an \$18TN industry.



#dltledgers: blockchain-based trade execution



## What does the #dltledgers platform do?

1



### Digital Trade Platform

Digitise trade execution, using blockchain to create authenticity, transparency, efficiency, and trust.

2



### Data-Driven Financing

Leverage this data to de-risk the provision of trade finance, driving liquidity and maximising returns.

3

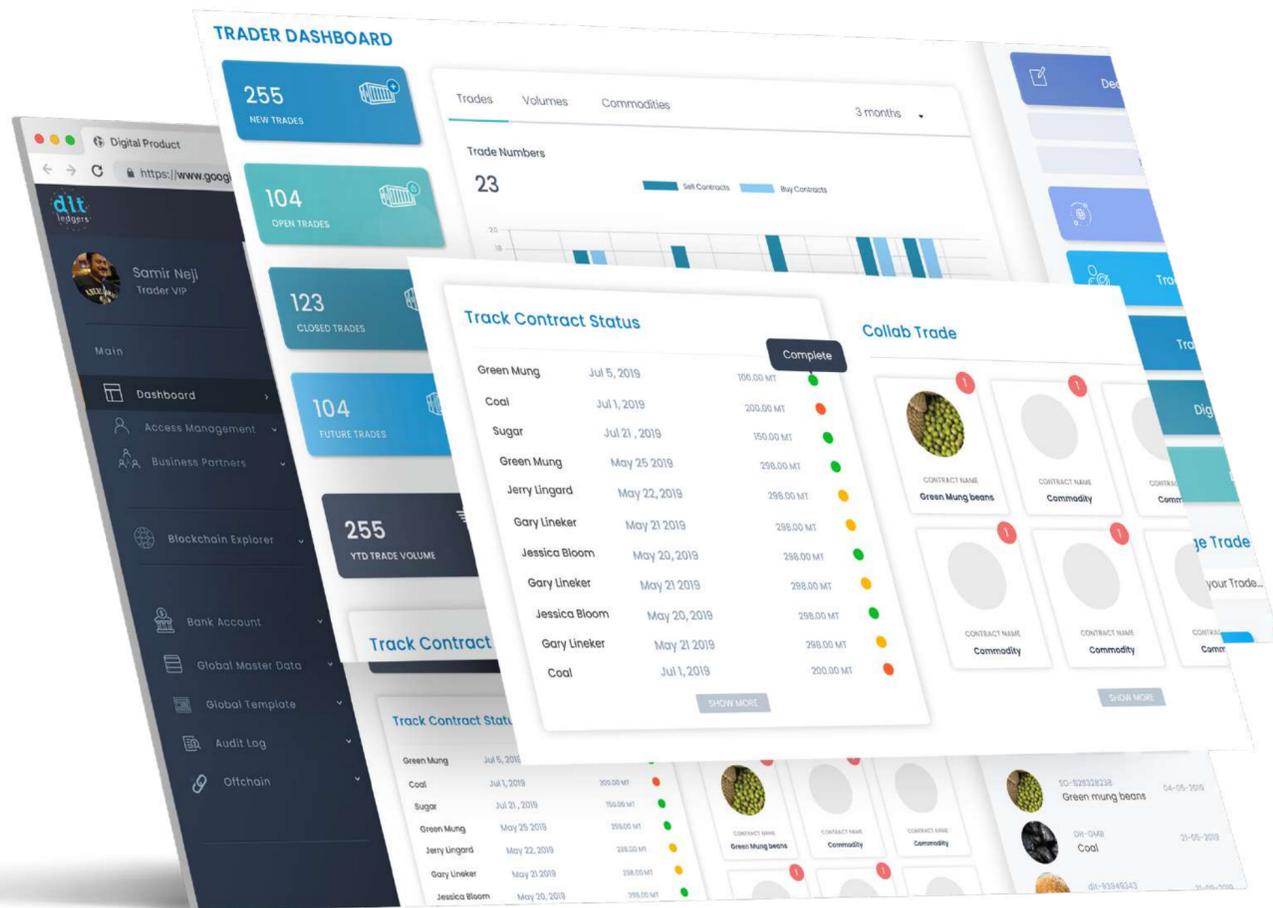


### Prevent Fraud at Scale

Help regulators to drive government-mandated collaboration and fraud detection between banks.



## Step 1: Digitise trade execution processes for traders, importers and exporters.



### Benefits

- Saves operating costs by reducing trade processing times by up to 90%.
- Reduces the cost of financing by 15 – 25%.
- Reduces the working capital cycle, so 20% more trades can be done in the same time.
- Can increase available credit limits by 10x.



## Testimonial: Agrocorp International (\$1 bn-worth of trades executed digitally).

“ We at Agrocorp have greatly benefitted from our experiences in pioneering blockchain-based trade finance solutions. We weathered the storm exceptionally well. During the peak of Covid-19, we moved 14.3% more product compared to same period last year. We managed to reduce our document collection times with the help of our business partners and win new business in times when our competition pulled back.

”

**Nitin Jain, Head of Treasury and Capital Markets, Agrocorp International**

[Click to watch video](#)



Singapore reshapes supply chains to stay resilient against shocks.



## Step 2: Leverage data to create a superior digital borrowing experience.



### Benefits

- Borrowers access a panel of finance providers who are already on the platform.
- Banks gain new source of deals.
- Provides visibility into the authenticity of trades, making banks more willing to lend.
- Transparency and competition leads to more competitive pricing for the borrower.



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## Testimonial: Rabobank funds world-first digital trade in just 5 days.

“

It's our mission to digitize trade finance operations. Consensus-driven smart contracts in this deal minimized our time spent on processing documents by more than half. Riding on the success of this test-case, Rabobank is excited to advance the \$10 trillion trade-finance industry.

”

**Mario Cortinhal, Head of International Trade Finance Services, Rabobank North America**

[Click to read article](#)



Rabobank slashes commodity trade finance timeline with blockchain.



## Step 3: Equip governments with platform for collaborative fraud prevention.



### Benefits

- Enables collaboration without transgressing bank compliance and regulatory boundaries.
- Mitigates against duplicate financing from different bank lenders for the same inventory.
- Builds trust and confidence among banks and traders.
- Facilitates more sustained credit flow in trade financing.



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## Testimonial: Hit by billions in defaults, banks in Singapore team up.

“

By working with dltledgers, a local company specialising in blockchain technology, the industry workgroup was able to accelerate the development of a neutral and secure platform to ease the flow of information between banks and prevent duplicate financing.

”

**Satvinder Singh, Assistant Chief Executive Officer, Enterprise Singapore**

[Click to read article](#)



Singapore banks team up to develop digital trade registry.



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## Blockchain for Trade and Supply Chain Digitisation

# 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..



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

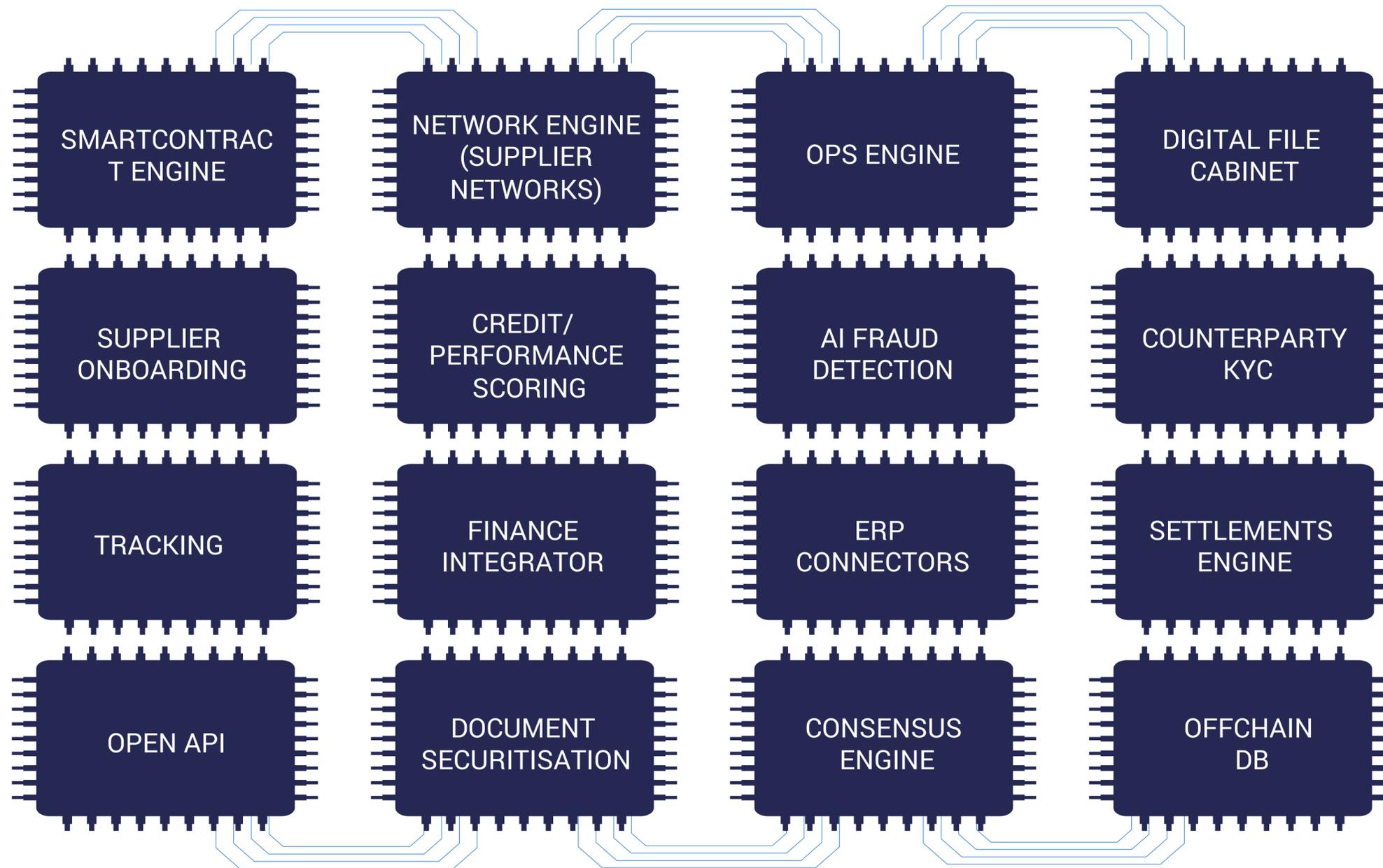


Multi-award-winning enterprise software, managing trade flows for 4,000+ users, between 28 countries and 4 continents.





## Rapid deployment based on configurable, modular architecture.





## What's so special about blockchain?



Creates a tamper-proof, immutable, auditable chain of events



Authenticates provenance of those events "at source"



Integrates with existing ERP software and other technologies



Promotes trust and collaboration between multiple parties



Enables sharing of data/docs without security or ownership issues



## What do we mean by “plug-and-play” trade digitisation?

1

### Trade Flow

Set up trade flow with the #dltledgers trade execution engine.

2

### Partners

Invite the key parties, who gain access via a secure log-in.

3

### Finance

Obtain rapid, digital trade financing with banks in the network.

3

### Tracking

All partners can track the trade and goods in real time.



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## Blockchain for Trade and Supply Chain Digitisation

# USE CASES

**#dltledgers:** blockchain-based trade execution

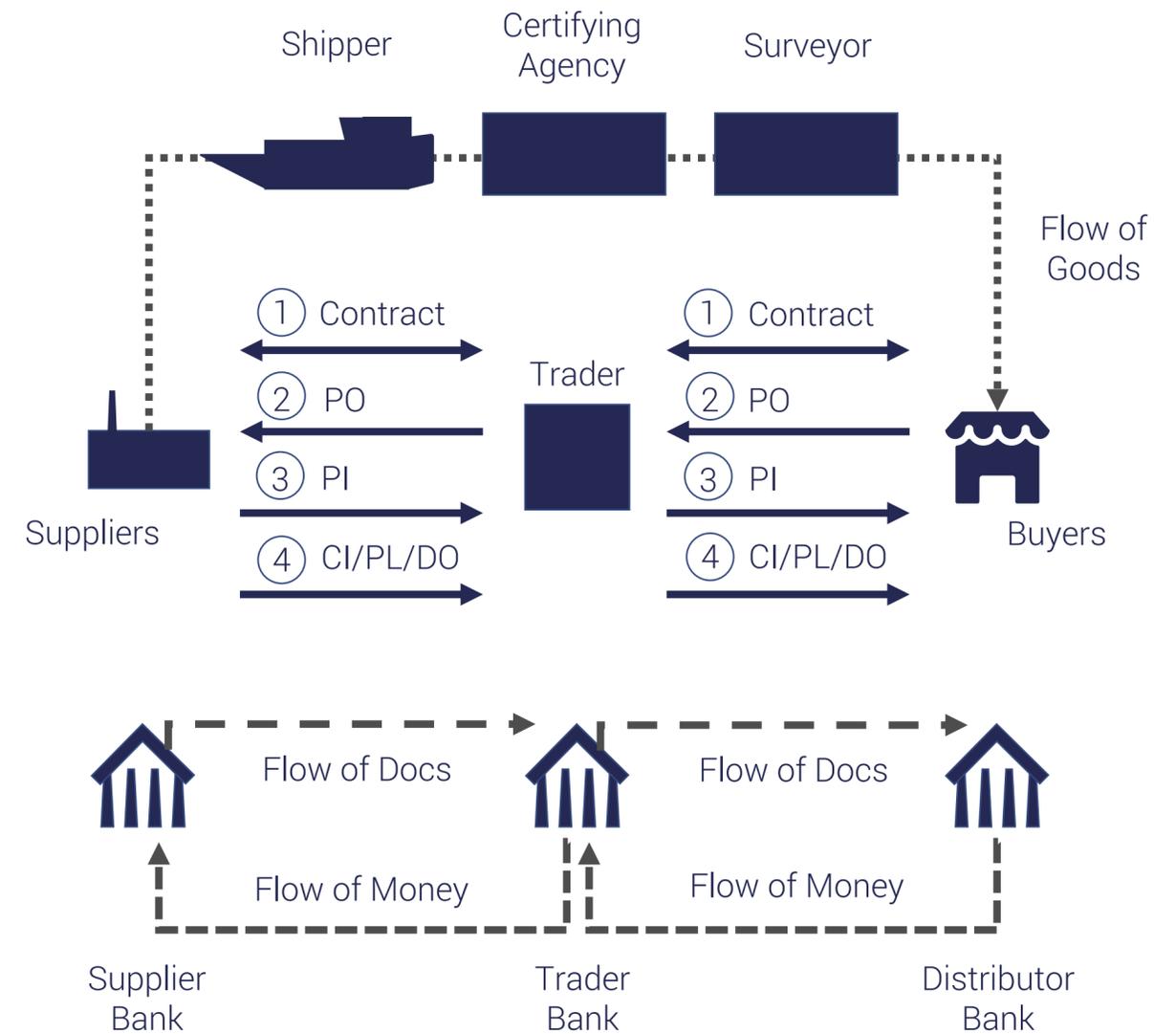
# Use Case: Digitise cross-border trade processes and workflows

## DESCRIPTION

Remove reliance on paperwork, email, and phone by bringing your trade execution, financing, and counterparties onto a common platform. Record transactions securely in one place, and drive efficiency by digitising workflows.

## RATIONALE

- ❑ Reduce effort and trade cycle times
- ❑ Create transparency for finance providers
- ❑ Prove authenticity within supply chains
- ❑ Get real-time visibility into status of trades
- ❑ Reduce losses resulting from manual errors
- ❑ Increase credit lines



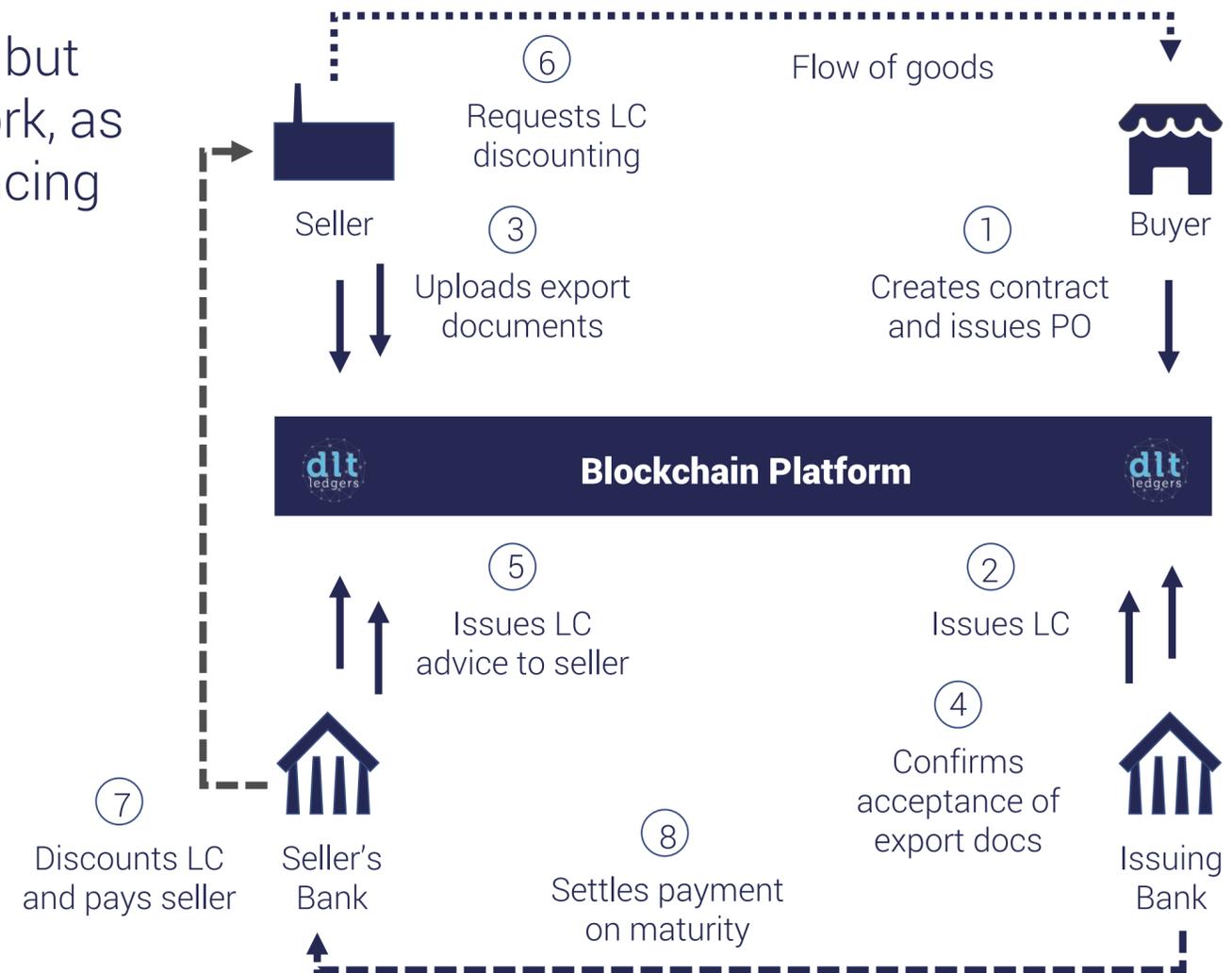
## Use Case: Digitise letter of credit issuance, confirmation and discounting

### DESCRIPTION

Streamline key trade finance operations using a common but independent digital platform. Reduce reliance on paperwork, as well as related delays and manual errors in the trade financing process, working with multiple banks.

### RATIONALE

- ❑ Dramatic improvement in capital efficiency
- ❑ Save up to 10 days in the execution of trades
- ❑ Digitise workflows to remove manual processes
- ❑ Simplify interactions with multiple banks at once
- ❑ Reduce use of paper, email, phone calls
- ❑ Reduction in manual errors and delays



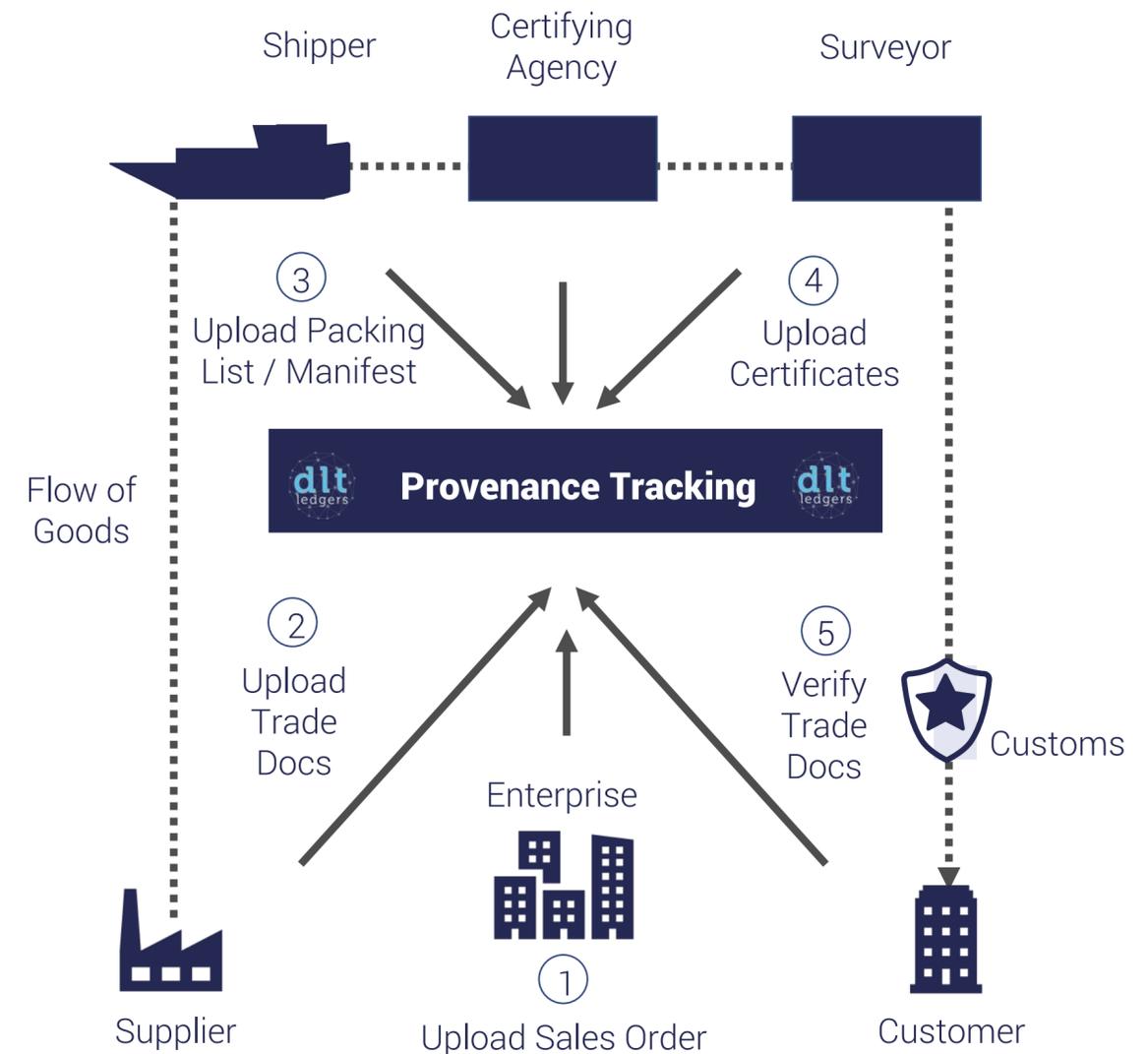
## Use Case: Create visibility and traceability within the supply chain

### DESCRIPTION

Digitise processes and paperwork on a distributed ledger to create transparency and trust between parties in the supply chain. Authenticate documents at source, record key events with a unique hash, owner, and timestamp, track goods, and demonstrate provenance to third parties.

### RATIONALE

- ❑ Demonstrate sustainable/ethical practices
- ❑ Commercial differentiation
- ❑ Support ESG initiatives
- ❑ Mitigate risk of fraud
- ❑ Create an immutable audit trail
- ❑ Create visibility while preserving suppliers' supply chain information privacy



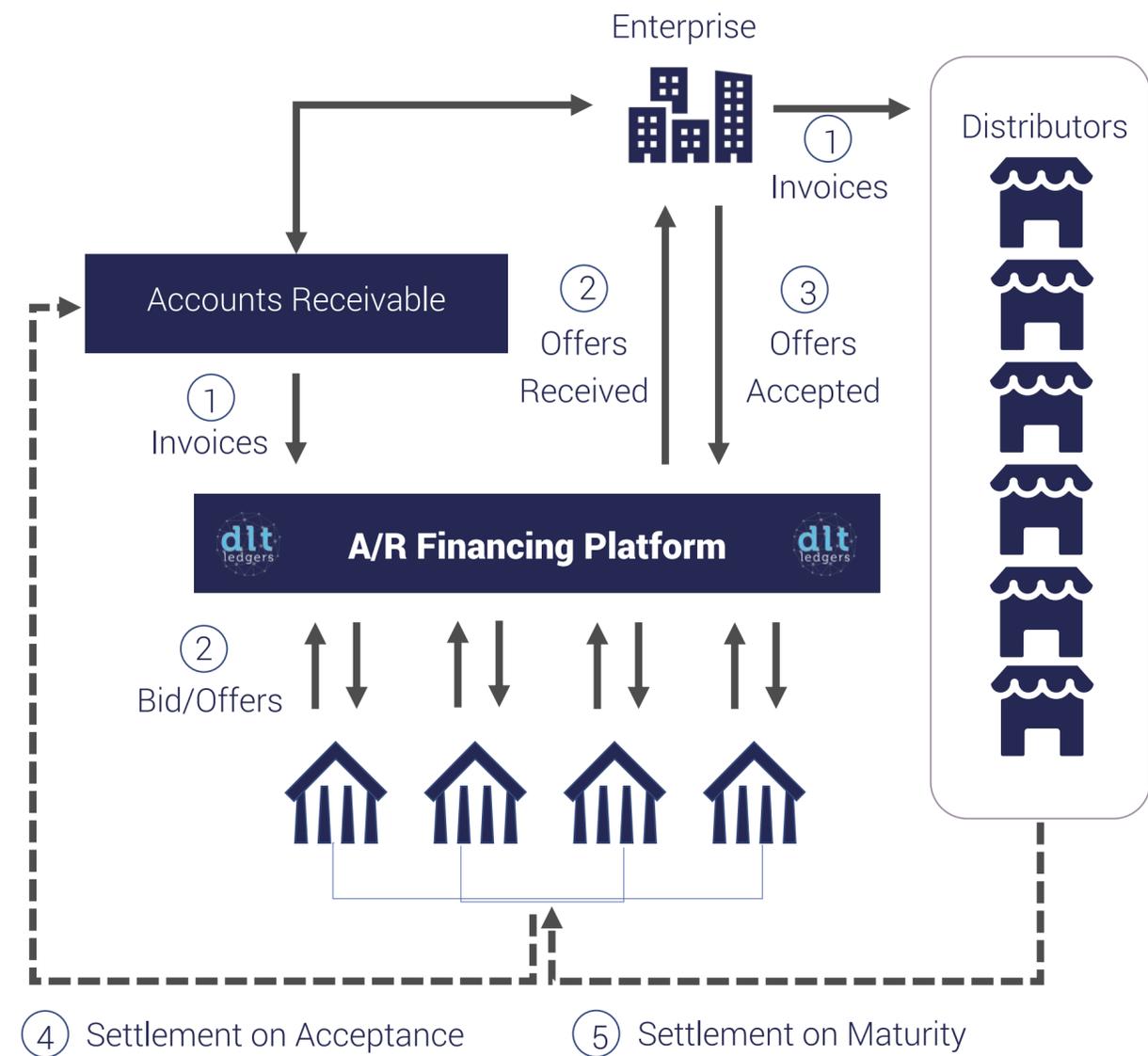
# Use Case: Optimise accounts receivables process with multiple banks

## DESCRIPTION

Integrate with key distributor systems using a common platform that removes delays and manual errors in the A/R financing process. Digitise invoice submission and buyer acceptance to reduce the working capital cycle by 15-25%.

## RATIONALE

- ❑ Dramatic improvement in capital efficiency
- ❑ Save up to 10 days in the issuing of A/R financing
- ❑ Digitise workflows to remove manual processes
- ❑ Simplify interactions with multiple banks at once
- ❑ Reduce use of paper, email, phone calls
- ❑ Reduction in manual errors and delays



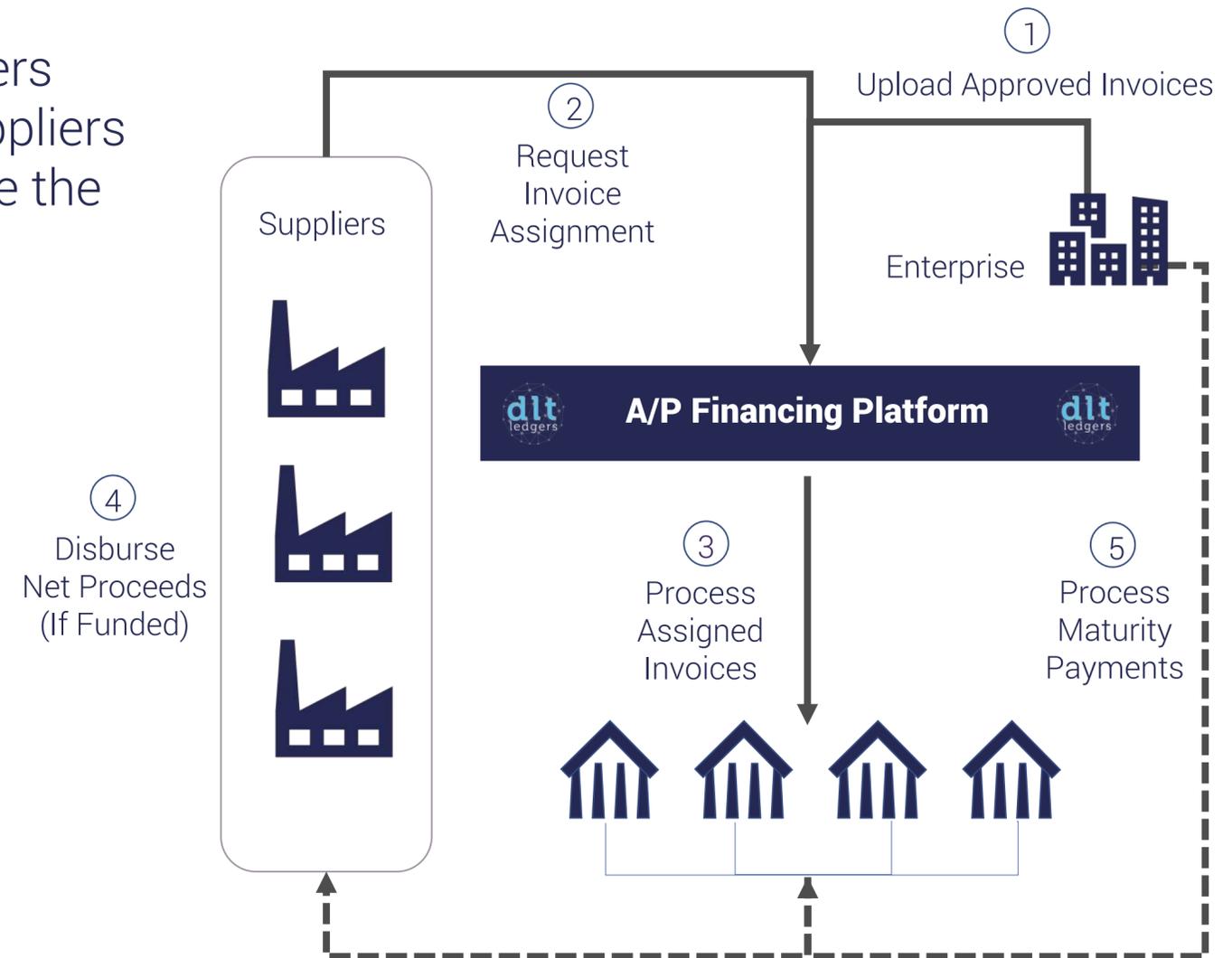
## Use Case: Help trusted suppliers receive faster A/P financing

### DESCRIPTION

Increase supply chain reliability by helping trusted suppliers access faster A/R financing. Start by bringing trusted suppliers onto a common platform via ERP integration, then digitise the invoice submission and buyer acceptance process.

### RATIONALE

- ❑ Improve the speed / lower the cost of financing to increase reliability of suppliers/distributors
- ❑ Scale efficiently as you add counterparties
- ❑ Reduce use of paper, email, phone calls
- ❑ Leverage balance sheet and/or multiple banks
- ❑ Create a new profit centre





## Recent news stories about #dltledgers:



VIDEO: #dltledgers CEO, Samir Neji, interviewed on CNBC about Singapore's resilience to COVID.



ADCB launches real time trade finance for customers on #dltledgers blockchain platform



50,000MT of cane sugar shipped to Ethiopia across six shipments using #dltledgers



Cargill and Rabobank work together on first end-to-end blockchain-powered trade



VIDEO: DBS Bank works with #dltledgers to transform trade and supply chain financing



Standard Chartered implements dltledgers blockchain platform for trade finance



UAE IFFCO Group collaborates with #dltledgers on blockchain trading platform



Hit by billions in defaults, banks in Singapore team up for digital trade finance registry



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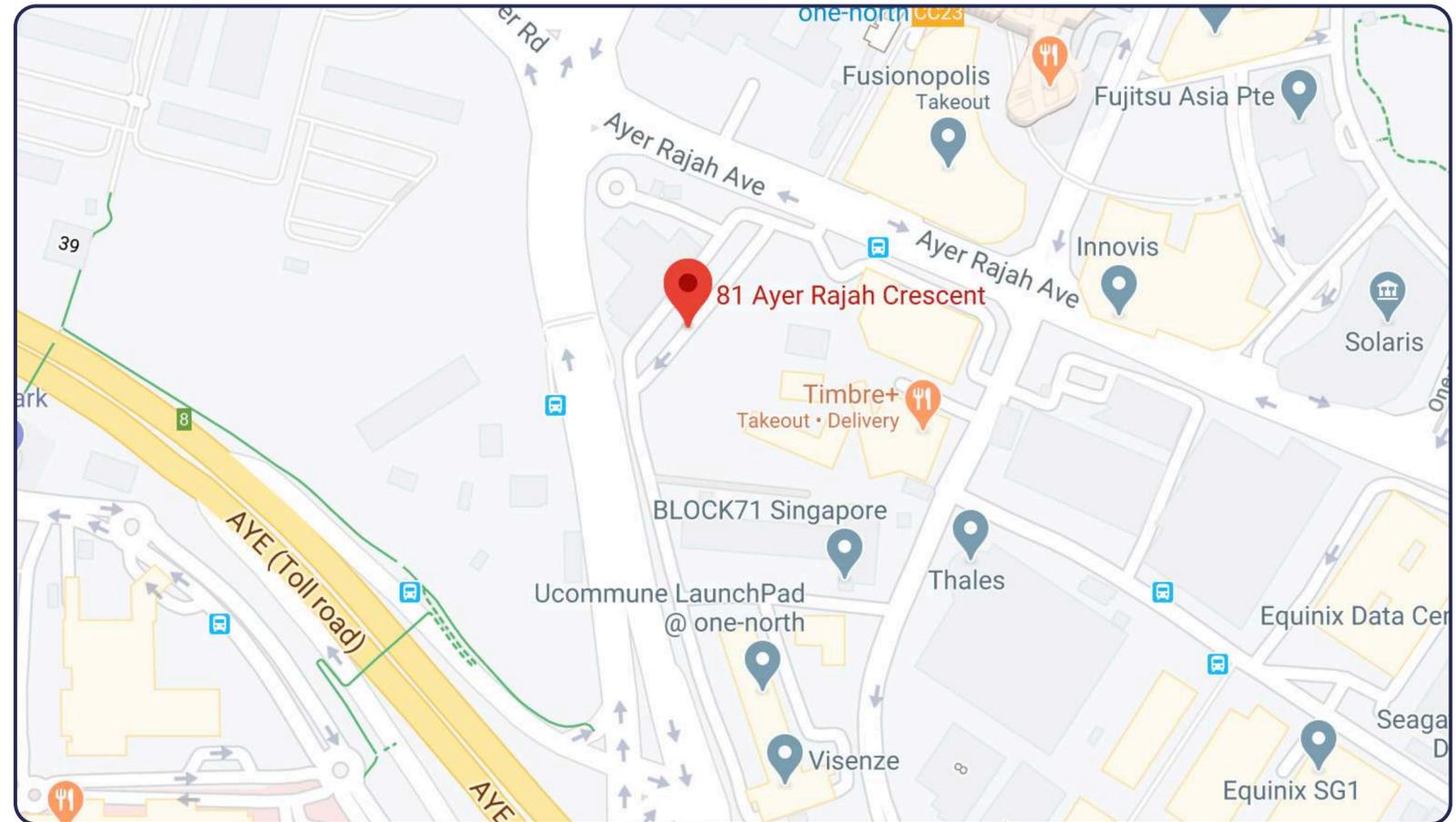
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