



Transforming Global Payments

Enabling the Internet of Value



OUR VISION

The Internet of Value:

Enable the world to move money
like information moves today.



A decorative graphic in the top-left corner consisting of a network of grey dots connected by thin lines, forming a complex, interconnected web that tapers off towards the right.

Overview of Ripple's solutions



Ripple Offers Two Software Solutions



xCurrent **LIVE TODAY**

Connectivity Solution

Coordinates transactions across ledgers

Bi-directional messaging + real-time settlement



xRapid **LIVE TODAY**

Liquidity Solution

Leverage a digital asset for reach to new corridors

Enables global reach without pre-funding overseas





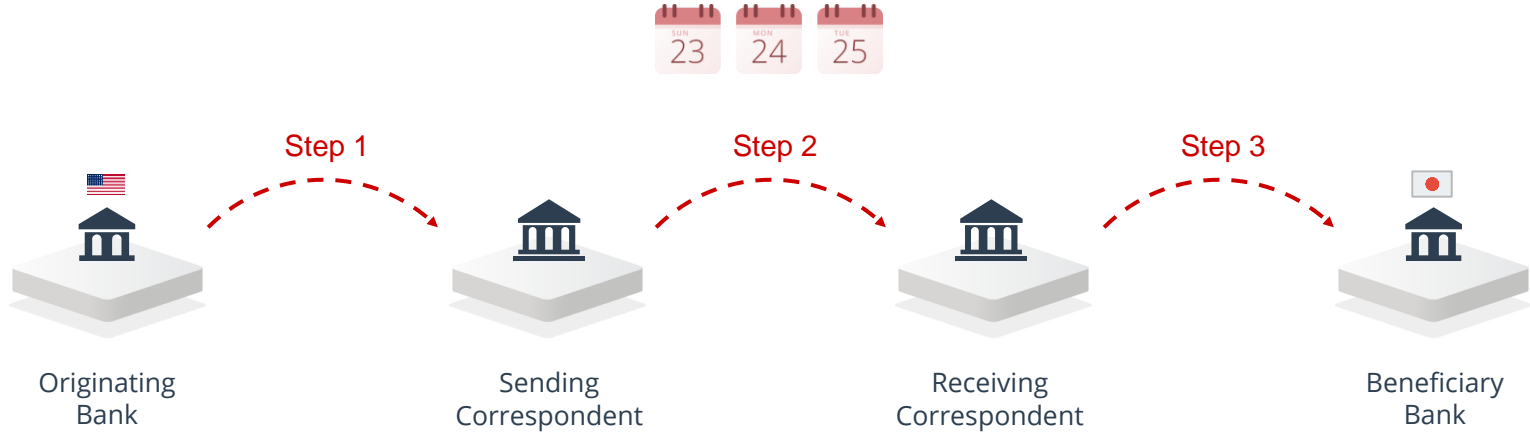
xCurrent **LIVE TODAY**

Connectivity Solution

Coordinates transactions across ledgers

Bi-directional messaging + real-time settlement

Legacy Connectivity: Sequential Process Creates Problems



One-Way Messaging, Unlinked From Settlement Instructions

- Delays** Relay process can cause 2-4 day delays, unpredictable
- Risk** No payment tracking or status information available
- Uncertainty** Fees and total cost unknown to the sender

Ripple: Coordinated Process Enables New Benefits



Bi-Directional Messaging With Settlement Instructions

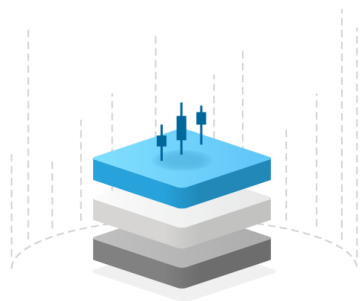
Speed Payments settle real-time, instead of 2-4 days

Transparency End-to-end tracking and status of the payment

Certainty Total cost and message details confirmed *before* initiation

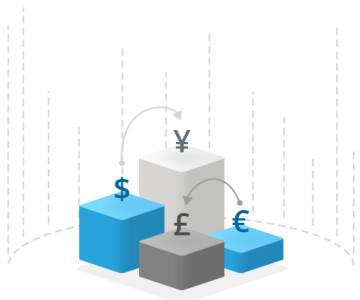
Lower Cost Reduce failed payments and costly intervention for error resolution

Key Functions



Bi-Directional Messaging & Tracking

ISO 20022 Format + Expandable Contextual Field

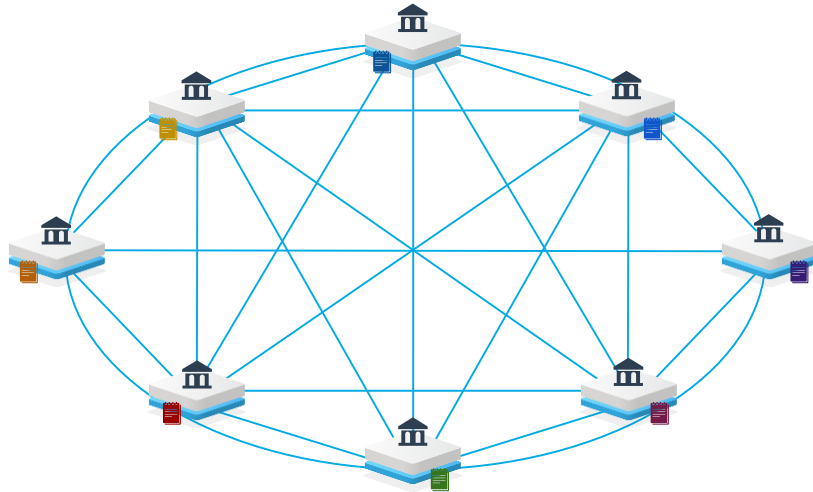


Real-time Settlement Instructions

Capable of running 24/7/365

RippleNet: Specialized for Interbank Payments

RippleNet



- **Network** of financial institutions
- Underpinned by **Interledger** - connects & coordinates ledgers
- **Banks maintain their own ledgers**, enabling scalability and data privacy
- **Leverages cryptography and encryption** from blockchain technology

RippleNet Advisory Board & Rulebook

- Governance Advisory Board
- Developed Commercial Framework, Rules, Standards
- Members:





Case Studies





**+2X volume growth
month-over-month**

SCB 

SBI Remit 

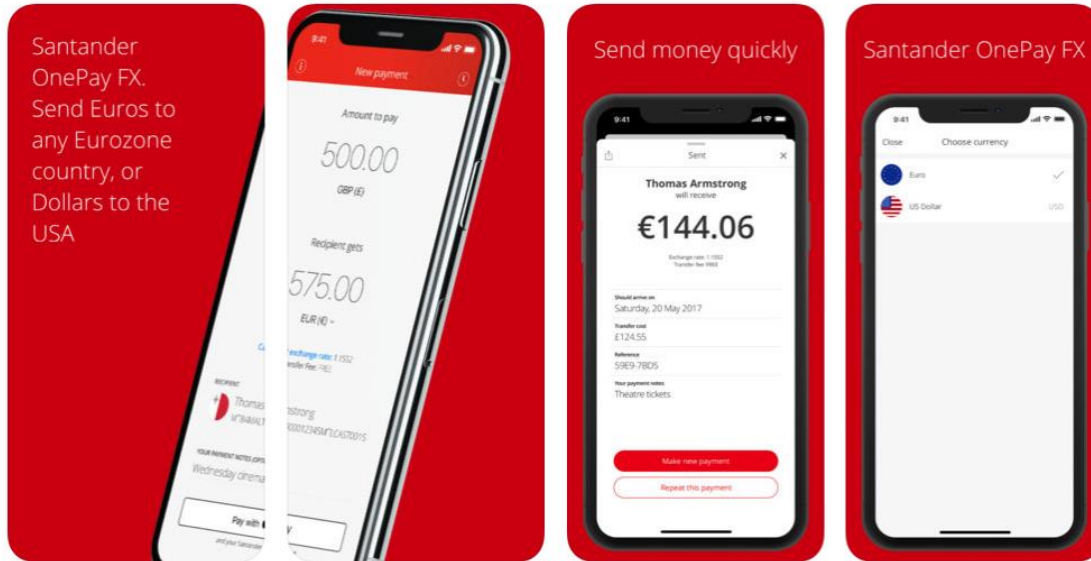
Japan | Thailand Remittance Service

Siam Commercial Bank (SCB) deployed the solution to offer **faster payments while lowering internal processing costs.**

By enhancing their customer experience, SCB was able to **increase their volumes** and **acquire new customers.**



Santander



Santander faced pressure from non-bank competitors taking their share of international payment volumes. One Pay FX is a consumer payments application that allows money to be sent from U.K. to U.S. and in the E.U.



A Snapshot of Our Customers



... and a consortium of +60 Japanese banks



xRapid **LIVE TODAY**

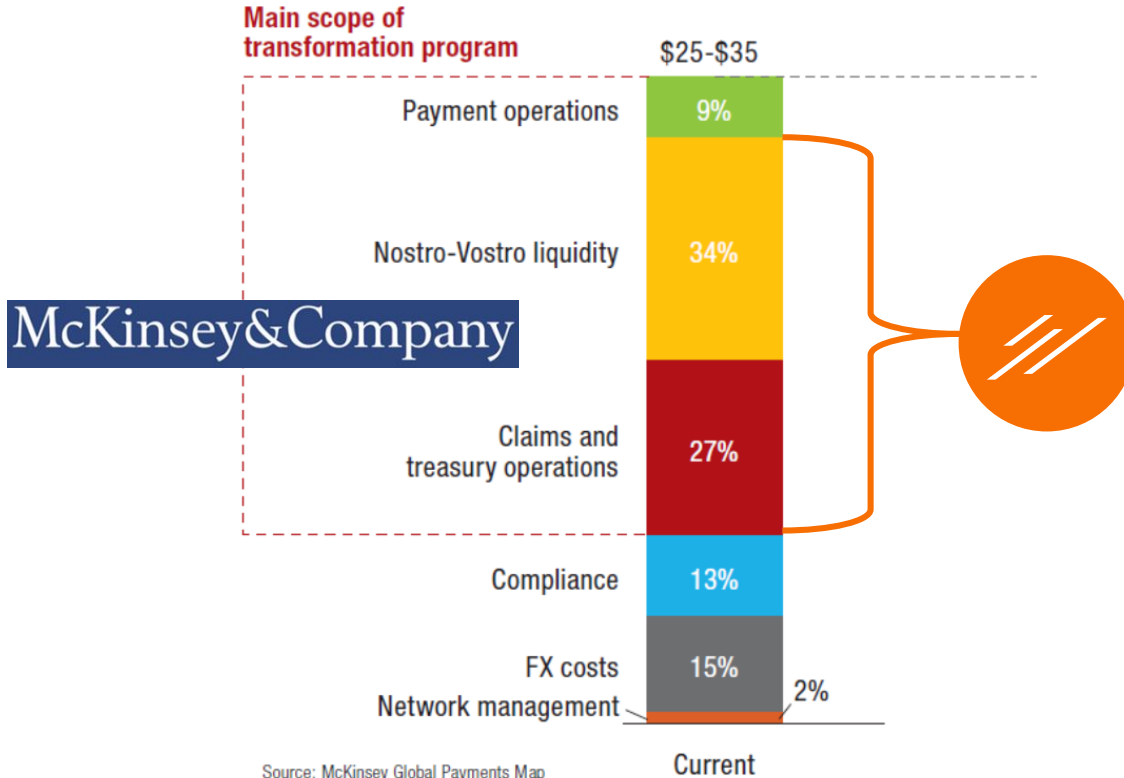
Liquidity Solution

Leverages a digital asset to enable fast payment reach
without pre-funding in the destination country



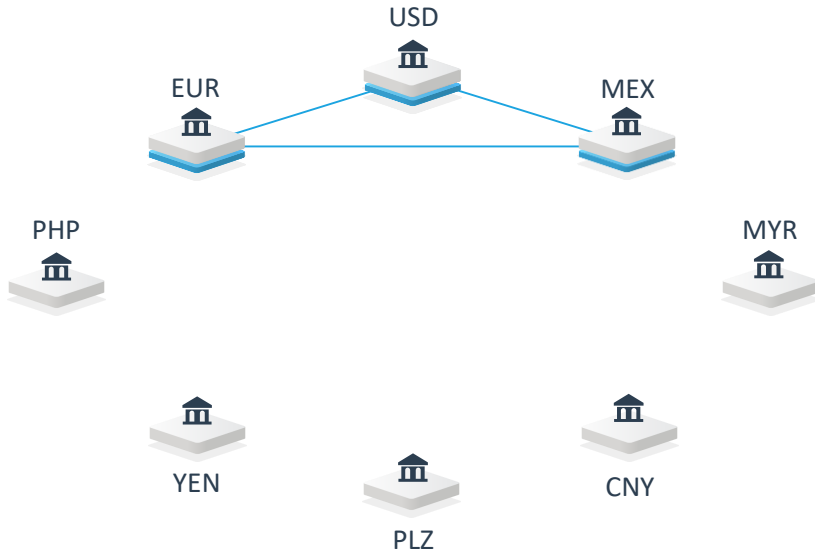
Reducing Payment Friction

Cost per international payments transaction, average for 2013-15



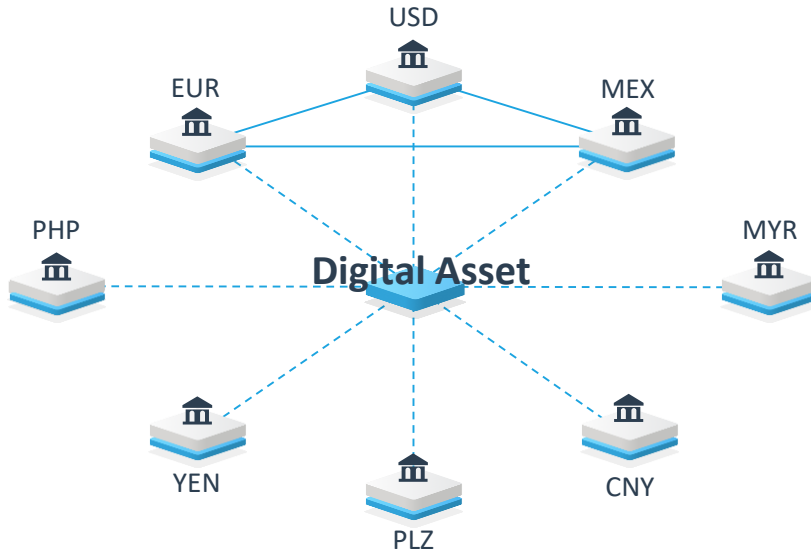
Source: McKinsey Global Payments Map

The Past: Reach Through Pre-Funded Relationships



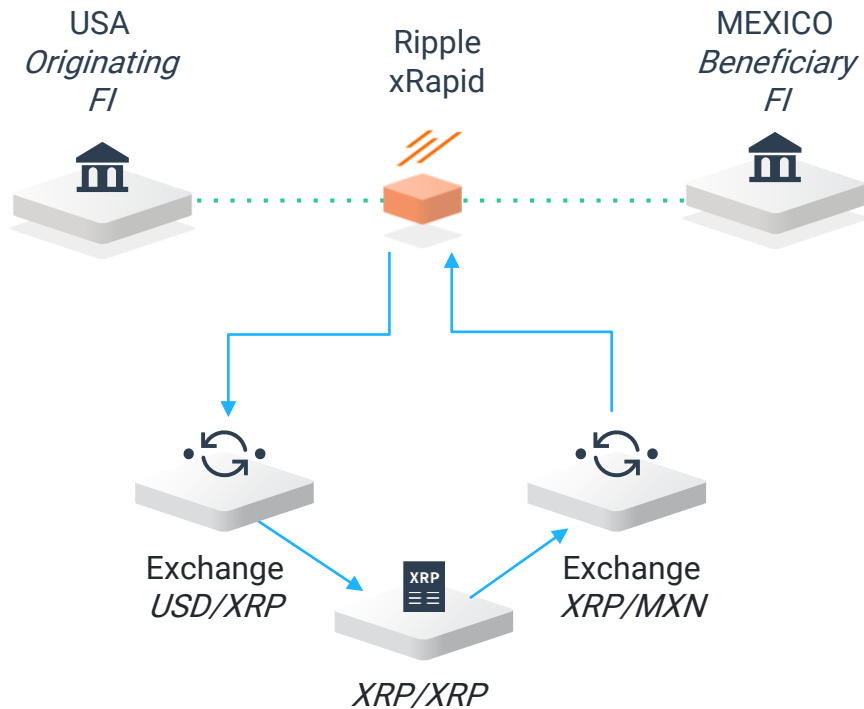
- Costs to open and maintain accounts
- Ongoing compliance overhead
- Opportunity costs (trapped capital)
- Payment reach limited to high-volume corridors

The Future: Expanding Reach Using a Digital Asset



- Focus: Creates liquidity between hard-to-reach currency pairs
- Enables fast, low-cost payments
- Eliminates need to pre-fund in destination countries
- Connects fiat currencies more efficiently

Use Case: Bridging Fiats to Solve for Liquidity



1

FI EXCHANGES FIAT FOR XRP

Via a local exchange.
FI does not have to hold XRP.

2

XRP TRANSFERRED

Between digital asset exchanges.

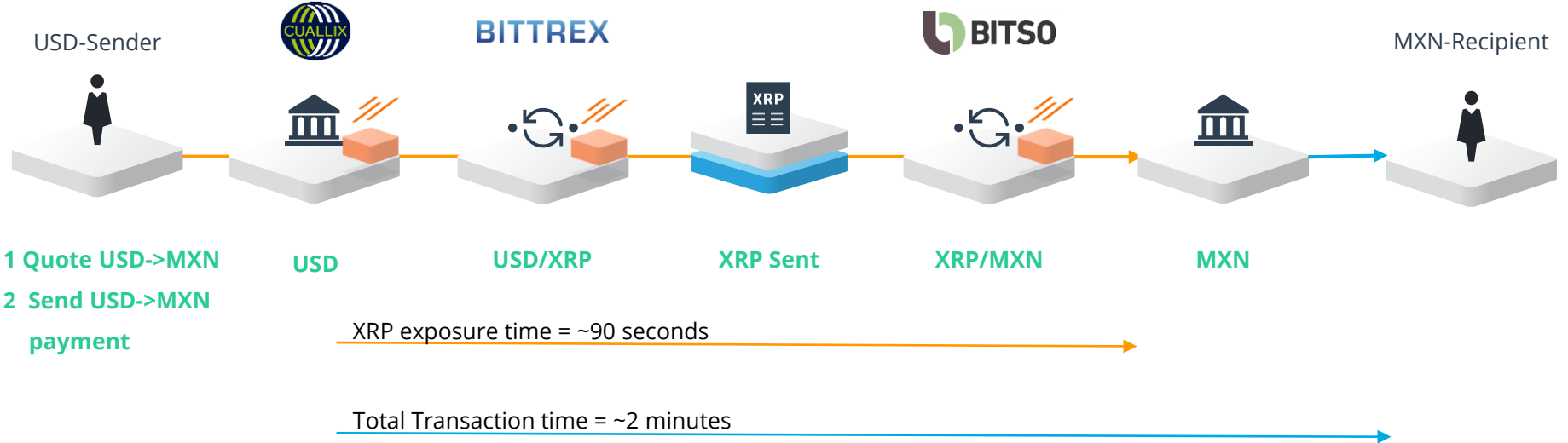
3

XRP EXCHANGED FOR LOCAL FIAT

Distributed directly to the FI's account
or disbursed over local rail.



Example Production xRapid Payment Flow



A decorative graphic in the top-left corner consisting of a network of grey lines connecting small grey dots, forming a complex, web-like structure that tapers towards the right.

Ripple Infrastructure Innovation

Opportunities & Engagement Model for Pacific Island Nations



Regulatory and Policy Engagement

Ongoing Engagement with 40+
Regulators

Bank of England: Accelerator Program

Ripple selected to inform the next generation of RTGS payment infrastructure

Federal Reserve: Faster Payments

Ripple was selected to serve on the Steering Committee of this industry strategic initiative.

Saudi Arabian Monetary Authority

Infrastructure innovation partnership for financial institutions to leverage Ripple for cross-border payments

International Monetary Fund

Ripple was selected to serve on the IMF's High Level Advisory Group on Fintech.



Ripple: Platform for Innovation

Central Banks and national Infrastructures can engage with Ripple to innovate with proven building blocks in Distributed Ledger Technology. Preserve sovereign rights while transacting seamlessly with regional economies for global growth.



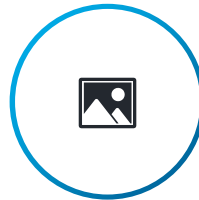
GLOBAL PAYMENTS

Consortium approach to connect into regional, global corridors for cross-border payments..



NATIONAL PAYMENTS

Domestic Immediate Payments PLUS Cross-Border Platform; Network interoperability.



DIGITAL ASSETS

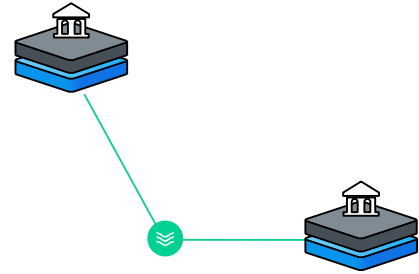
Bridge fiat currencies using digital assets.



Peer-to-peer Cross-Border Payments

Bi-directional messaging enables transparency, risk assessment, reduced errors

Atomic transaction across multiple ILP Ledgers guarantees certainty of settlement

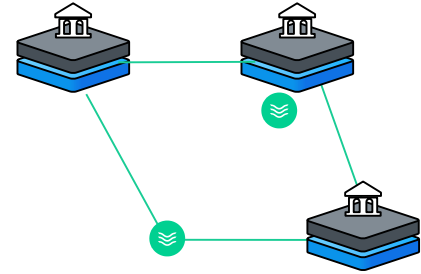


Global Payments on RippleNet

'Multi-hop' to leverage intermediaries for liquidity

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Global Payments on RippleNet

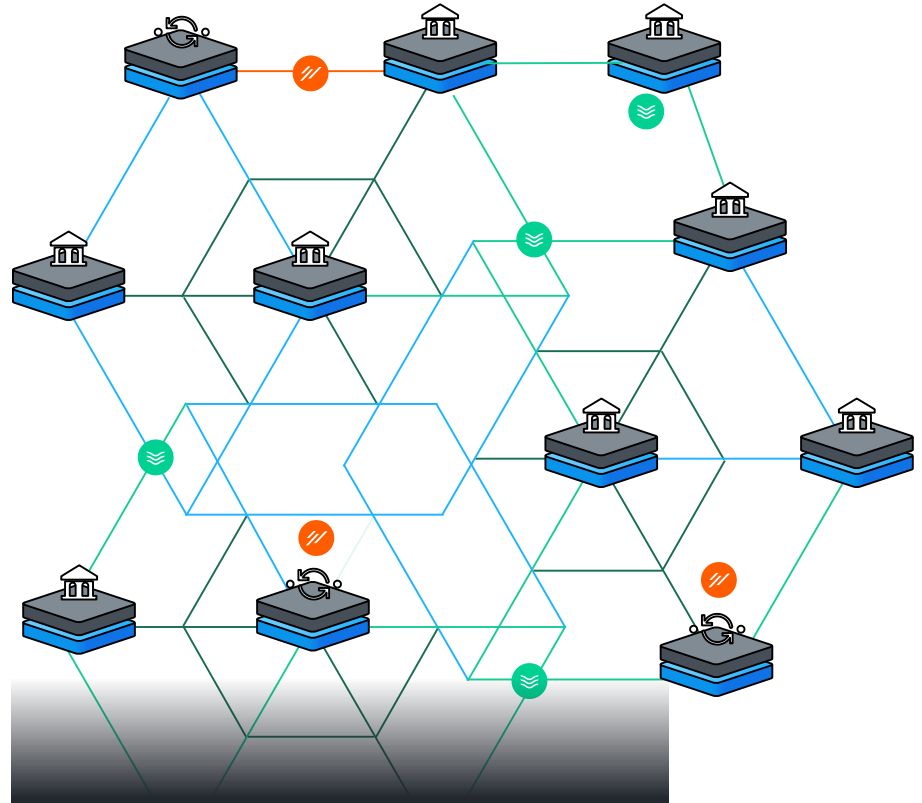
Global Distributed Network

Bi-directional messaging enables transparency, risk assessment, reduced errors

Atomic transaction across multiple ILP Ledgers guarantees certainty of settlement

Variety of use cases (retail, trade), fiat/digital asset liquidity models supported

Governed via Rulebook and RippleNet Inc.





Central Banks Create Regional Networks

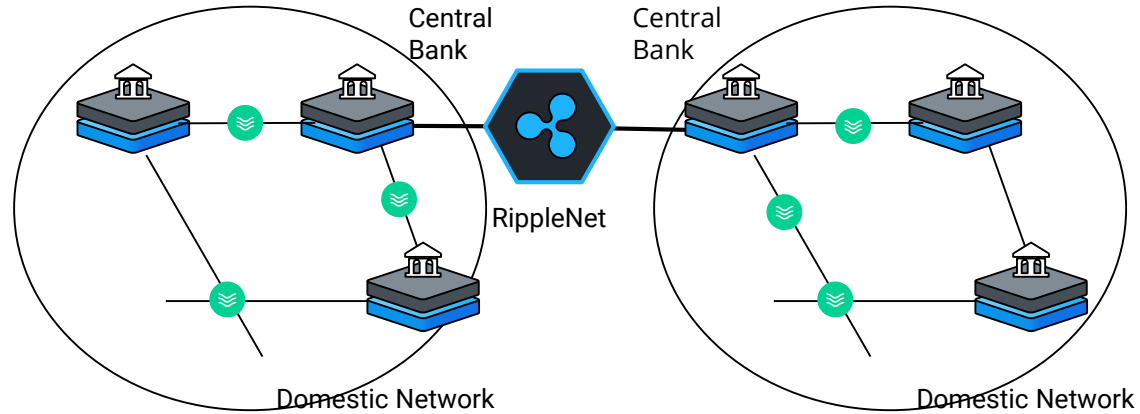
Sovereignty with Interoperability

CBs can offer liquidity when constrained via commercial banks

Smaller banks can leverage CB reserves to conduct cross-border transactions

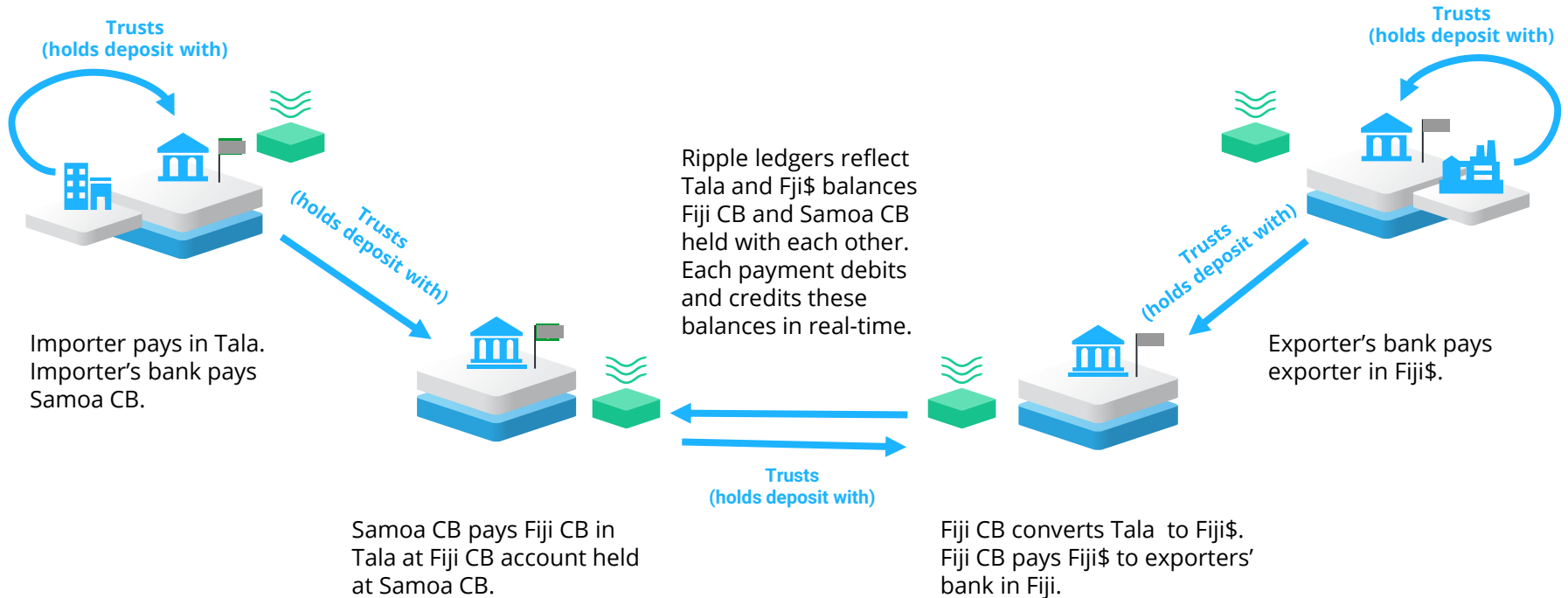
All legs are 'atomic' for certainty of settlement, 24x7 in real-time for all use cases

Interoperability via ILP can connect existing networks as well



Atomic Settlements via Central Banks

Real-time, 24x7 Payments with Local Currency Settlement via Central Banks



1

Consult

Draft brief and review with selected banks, partners to finalise, seek budget and resource approvals.

2

Mobilise

Kick off 'Deep Dive' to educate, engage all stakeholders, detail workstreams and project plan.

3

Conduct Program

Trial agreed use cases (domestic, cross-border), test proof points (speed, security, integrity, client value).

