

An Introduction to Ripple

Using blockchain technology, Ripple allows financial institutions to process payments instantly, reliably, cost-effectively, and with end-to-end visibility anywhere in the world. Our customers include financial institutions and businesses that want tools to effect faster and less costly cross-border payments, as well as to eliminate the uncertainty and risk historically involved in moving money using interbank messaging alone.



Some customers, in addition to deploying Ripple's blockchain solution RippleNet, leverage the digital asset XRP to bridge two fiat currencies. Just as Bitcoin is the native asset to the open-source Bitcoin ledger, and Ethereum is the native asset to the open-source Ethereum ledger, XRP is the native asset to the open-source XRP Ledger. XRP, given its unique design, can serve as a near instantaneous bridge between fiat currencies (or any two representations of value), further reducing the friction and costs for commercial financial institutions to transact across multiple global markets.

Although Ripple utilizes XRP and the XRP Ledger in the solutions offered, XRP is independent of Ripple. The XRP Ledger is decentralized, open-source, and operates on what is known as a "consensus" protocol. While there are well over a hundred known use cases for XRP and the XRP Ledger, Ripple leverages XRP because of its suitability for cross-border payments. Key characteristics of XRP include speed, scalability, energy efficiency, and cost efficiency, all of which benefits the customer and helps reduce friction in the market for cross-border payments.

Unlocking business advantage through crypto

By harnessing the power of blockchain, financial service providers can connect instantly to their customers and support e-Invoicing, international supply chain payments, global currency account, real-time cash pooling, international bill pay, real-time remittances, and international P2P payments. The network is also fully compliant with know-your-customer, anti-money laundering, and combating the financing of terrorism regulations (KYC, AML, CFT).

XRP Ledger (XRPL): Community powered, industry transforming

The XRPL is a scalable, sustainable blockchain that serves as the foundation for secure and efficient digital asset transactions. The Ledger is fast, low-cost, energy efficient, and reliable. It provides developers with a strong open-source foundation for executing blockchain-led projects—without damaging the environment. It is also decentralized, open-source, and operates on what is known as a "consensus" protocol.



Key Facts About the XRP Cryptocurrency

- A decentralized, blockchain-based cryptocurrency built with practical utility to provide better cross-border payments for applications across the financial services space
- In use worldwide since 2012; over 85 million closed ledgers to date
- Transactions confirmed by a decentralized community of ~600 nodes, including 120 validators
- Ripple operates only one of the validator nodes.
- Requires no mining, allowing quick, cost-effective settlement and minimal energy usage
- Sustainable: XRP Ledger is an energy efficient blockchain.

Leveraging XRP

- By using XRP for cross-border payments, institutions can bridge currencies and ensure payments are sent and received in local currency on either side of a transaction.
- Cross-border transactions settle in as little as 3 seconds.
- RippleNet makes settlement available 24/7/365.
- XRP can be sourced on-demand allowing customers to send money without locking up capital in pre-funded nostro/vostro accounts.

Corporate Citizenship and Social Impact

- Proud donor to Non-Governmental Organizations promoting global financial inclusion and equity. Over \$150 million contributed to date.
- Active partner with innovative fintechs, universities, foundations, and social entrepreneurs to increase global economic participation, opportunity, and resilience.
- Founding member of the Crypto Climate Accord an industry association driving greater sustainability in the blockchain industry.
- Committed to reaching carbon net-zero by 2030 the first company to do so in the blockchain space.
- Champion of blockchain research and development in academia.

The RippleNet Advantage

Our technology is uniquely capable of delivering all of these advantages to our partners.

RippleNet

3 secs

To send a payment

<1%

Cost to sender

\$0

Trapped in pre-funding

Status Quo

3-5 days

To send a payment

7%

Cost to sender

\$10T

Trapped in pre-funding

Our Customers

Select customers who use RippleNet to send money across borders, note that not all customers also use XRP.



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