

A GUIDE TO THE STELLAR NETWORK

The Stellar network is a decentralized, open blockchain that connects the world's financial infrastructure. It was create to further equitable access to the global financial system.

HOW DOES IT WORK?

A public, permanent, transparent ledger

- Creation and trade of digital representations of all forms of value
- Tracked by an accounting ledger shared across a **network of independent computers**
- Average ledger close time: **5 seconds**

WHAT ARE LUMENS?

The Stellar network's native digital asset

- Facilitate multi-currency transactions
- Transaction fees to discourage large-scale bad behavior



What Can You Do On The Stellar Network?

ASSET ISSUANCE, REMITTANCES, LENDING, MICROPAYMENTS, CROSS-BORDER PAYMENTS, PEER-TO-PEER PAYMENTS



Asset Issuance

Represent any currency or asset



Fast & Affordable

Transactions in seconds, at fractions of a cent



Scalability

Volume comparable to SWIFT



Developer Tools

Comprehensive SDKs, tutorials, and ecosystem support



Sustainable

No mining means low resource requirements



Built-In Functionality

On-chain order books a decentralized exchange



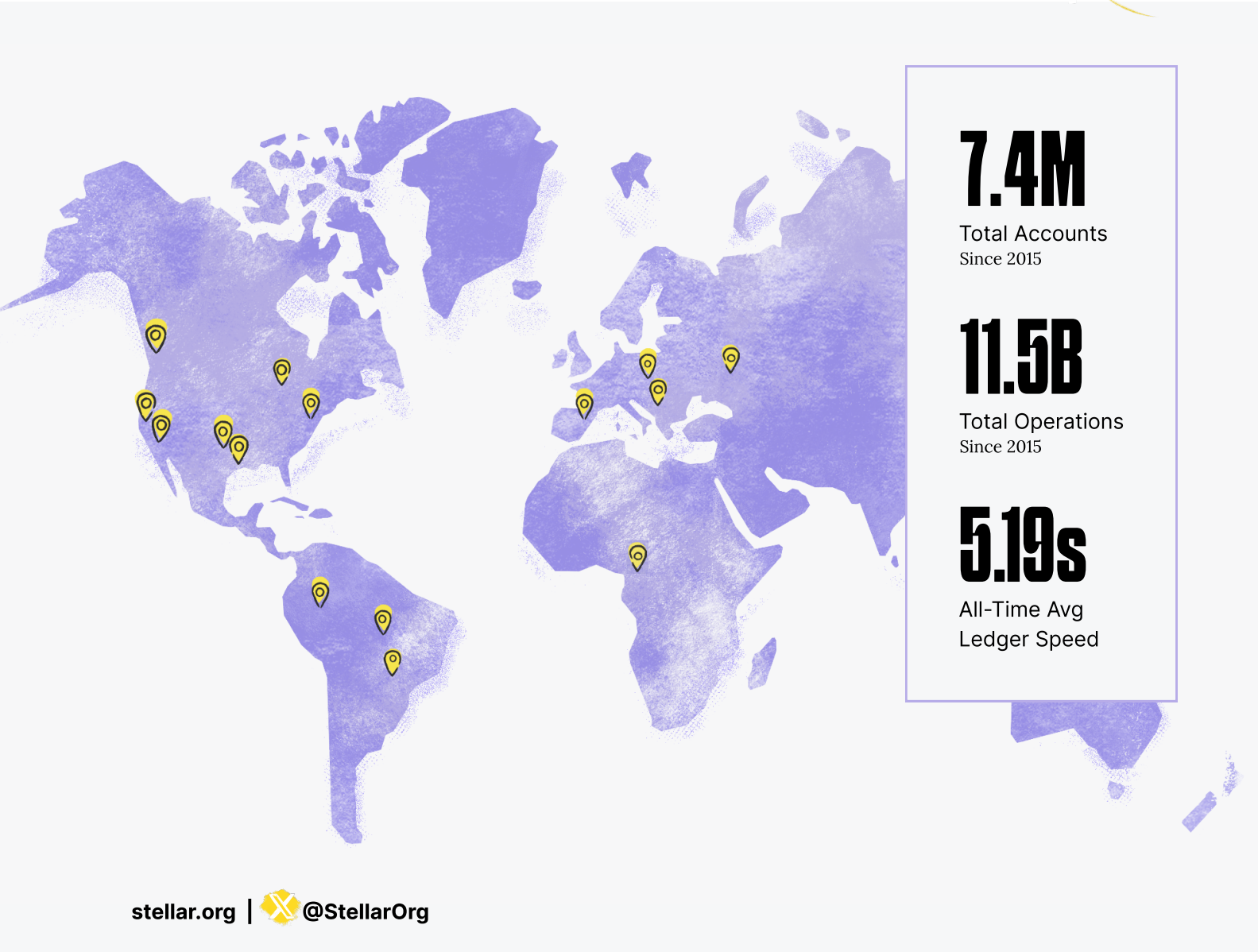
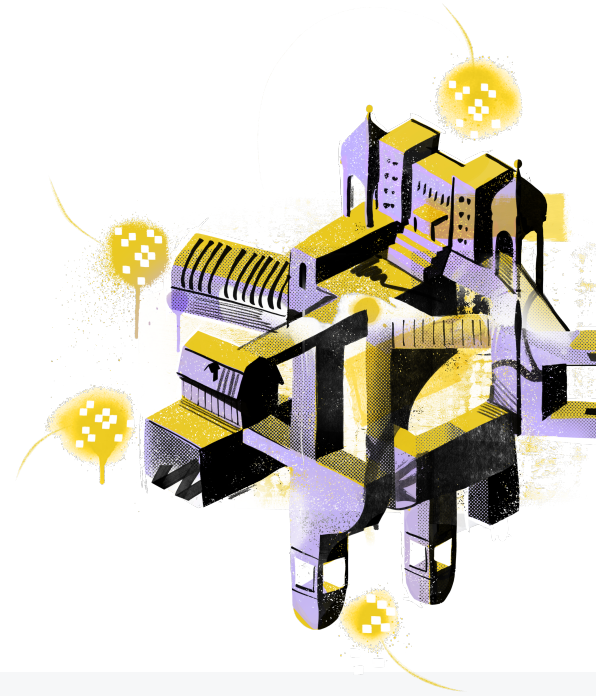
Compliance

Tools and resources for KYC/AML

STELLAR CONSENSUS PROTOCOL (SCP)

A Federated Byzantine agreement system that keeps all parties in sync on the Stellar network.

- Open membership to support decentralization
- Low latency for fast transaction times
- Asymptotic security to make the network invulnerable to 51% attacks
- Prefers safety over liveness to prevent forks



7.4M

Total Accounts
Since 2015

11.5B

Total Operations
Since 2015

5.19s

All-Time Avg
Ledger Speed

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The Stellar Development Foundation (SDF) is a non-profit organization that supports the development and growth of Stellar, an open-source network that connected the world's financial infrastructure. Founded in 2014, the Foundation helps maintain Stellar's codebase, supports the technical and business communities building on the network, and serves as a voice to regulators and institutions. The Foundation seeks to create equitable access to the global financial system, using the Stellar network to unlock the world's economic potential through blockchain technology.