IXIAN

A fully scalable, decentralized end-to-end platform that enables encrypted data streaming and high volume of micro-transactions.

Ixian Ecosystem

Ixian DLT
Hybrid-proof DLT
Redacted blockchain

The custom-made Ixian DLT is a unique Distributed Ledger Technology which processes **IxiCash** payments and maintains presence information about other nodes (computers running Ixian DLT software). Anyone with a computer and internet connection can set up an Ixian DLT node and be part of the Ixian DLT network.

Ixian S2
End-to-end data streaming
Decentralized streaming network

Ixian S2 network enables secure high-speed data transfer between users. S2 node operators can earn IxiCash payments from users transferring data through their S2 nodes. Just as with DLT nodes, anyone can become an S2 node operator.
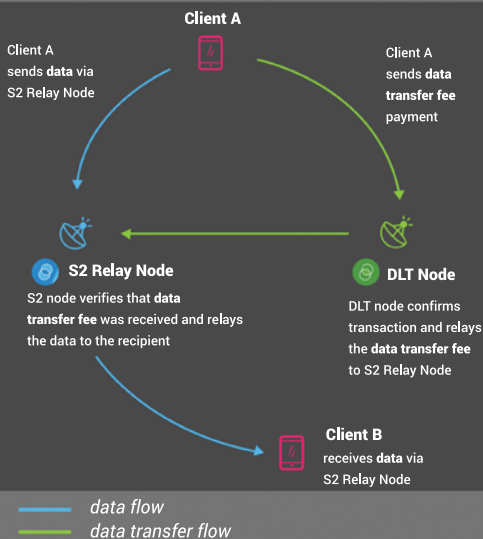
Spixi IM
Blockchain based Instant messenger
Cryoticurrency wallet

Meet Spixi, blockchain based instant messenger and cryptocurrency wallet that utilizes Ixian DLT and S2 networks. Spixi aims to provide users with the best communication experience while ensuring the highest level of privacy and security. Send cryptocurrency, messages and data easily and securely with state of the art, industry proven encryption methods.

The IxiCash

Offering a strong incentive to run Ixian Nodes is essential in maintaining our network. This incentive arrives in the form of **IxiCash**, a cryptocurrency designed for micro transactions. Using **IxiCash** you are able to send friends money and pay for premium content on the Ixian S2 network. Whether you are providing tech support, performing a live show and broadcasting it to paying viewers, you can charge your fee in **IxiCash**.

How it works

By utilizing blockchain, Ixian combines a **Hybrid-Proof DLT** that handles high volumes of micro transactions, with a decentralized **S2 Network**, that enables encrypted high speed data transfer accross a global network of nodes.

Diagram: Data transfer via S2 Relay Node

Client A

Client A sends **data** via S2 Relay Node

Client A sends **data transfer fee** payment

S2 Relay Node
S2 node verifies that **data transfer fee** was received and relays the data to the recipient

DLT Node
DLT node confirms transaction and relays the **data transfer fee** to S2 Relay Node

Client B
receives **data** via S2 Relay Node

— data flow
— data transfer flow

Ticker - IXI

Total Genesis Funds
2 bn IxiCash
(2,000,320,000)

Features

- High Volume of micro transactions are handled quickly and efficiently.
- Low transaction fees enable a true ecosystem for micro transactions.
- Fast and secure end-to-end communication and data transfer.
- Secure and private text, voice and video chat. State of the art encryption methods.
- Every node can earn revenue by participating in the network.
- Stream real-time content to countless viewers and earn revenue. Easily scalable.
- Ixian is a fully open source technology.
- Users can earn revenue by offering paid services or data.

Benefits

Users do not have to pay for third party services and do not have to worry about potential data leaks, privacy issues or even censorship.

Developers can leverage the platform to decrease their operating costs of providing enterprise-level services by a significant margin.

Developers can use Ixian S2 to build and monetize solutions that require secure streaming capabilities.

Services utilizing Ixian S2 require smaller operating budgets, hence they can be provided at a considerably lower cost.

Developers can create their own tokens based on Ixian DLT with a fixed conversion rate to IxiCash.

Quick Technical Specs

There are many technical details that define Ixian and the underlying technology. Here are some quick technical specifications to help familiarize yourself with what makes Ixian work as intended.

Signing Algorithm
RSA 4096

Encryption Algorithm
RSA 4096, AES 256, CHACHA

Hashing Algorithm
SHA512^2 Truncated

Mining Algorithm
Argon2ID

Consensus Algorithm
Ixiac (custom algorithm)

Block Time
30 seconds

Operations per Block
capped at 2000

Transactions per Second
66,6