



## The mobile-first decentralized app infrastructure for Ethereum blockchain

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### Situation

Blockchain technology has shown great disruption potential for global value chains and ecosystems. A fast-growing number of developer and business communities are sparking hundreds of new projects and ideas to life. Meanwhile, widespread user adoption of distributed applications and instant payment methods on the blockchain is hampered by:

#### Blockchain interaction is desktop-first

While mobile devices have already become the primary manner for online interactions, the majority of the distributed apps is still desktop-first

#### Payments are secure but slow

Cryptocurrencies are largely time and cost inefficient as a payment method, presenting a major weakness in comparison to traditional and electronic payment methods

#### Lacking user experience

The steps involved in setting up wallets, managing separate wallets for each dApp, and accessing them to use and pay on-the-go, currently present notable friction to end users

#### Ecosystem fragmentation

The number of ERC20 tokens has grown dramatically, each representing a local currency, used by respective communities for payments of fees or goods and services

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### Our vision

We believe that in order to boost adoption and grow a wide user base, a base for mobile platforms must be built first. OxBASE project aims to develop the infrastructure that will enable dApp developers to develop and offer services with instant payments to their users on the devices they use the most.

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### The OxBASE platform

The OxBASE platform consists of multiple layers of key infrastructure and tools:

#### OxINSTANT

secure and instant off-chain payment network

#### OxSDK

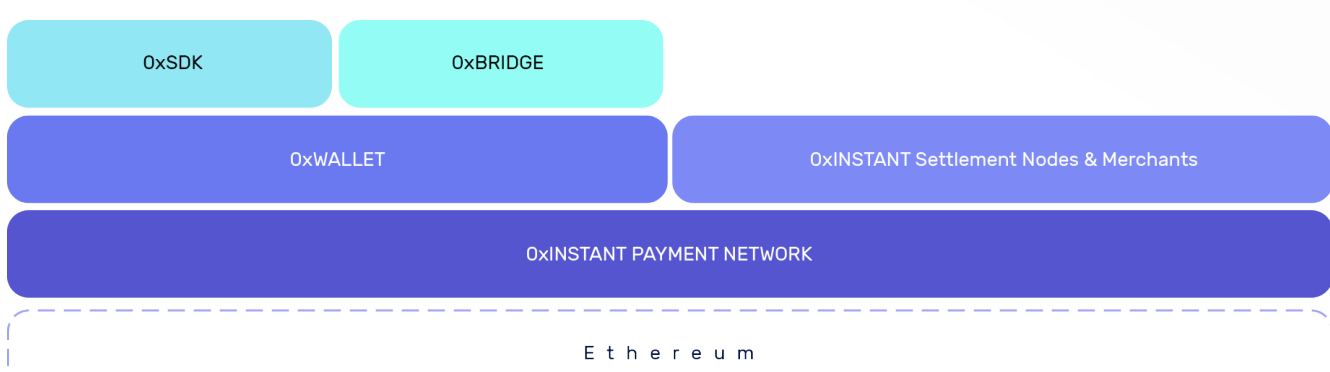
Android and iOS libraries providing services to mobile dApps

#### OxWALLET

wallet implementation based on the OxINSTANT payments network

#### OxBRIDGE

bridge between the mobile wallet and personal computers



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### Key features for ecosystem stakeholders

#### USERS AND COMMUNITY

- Make instant payments with ERC20 tokens
- Seamless user experience to manage and spend ERC20 tokens and cryptocurrencies
- Single and simple portal to interact with the blockchain with a unified wallet in a mobile app

#### MERCHANTS - NETWORK NODES

- Accept instant payments with ERC20 tokens
- Provide a seamless payment user experience to customers
- Earn BASE by becoming a payment processor - network nodes
- Ability to implement their own white-label wallets

#### dApp DEVELOPERS

- Access the full infrastructure to develop native Android and iOS applications that support instant settlement of ERC20 token payments
- Significantly reduced development costs and barriers to entry

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### How it works

In many cases, payment of goods or services has to be performed instantly, with as little friction as possible, in order for the transaction to be acceptable to both parties, including:



Physical stores and vendors



E-commerce



In-game purchases



Streaming websites

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Each service or goods provider is a merchant. Merchants are, in order to provide their customers with a fast and secure payment option, participating in the OxINSTANT payment network.

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When a payment is required the merchant generates a payment request in their respective ERC20 token or ETH, which the user has to confirm via the OxWALLET application. The transaction fees are paid with BASE tokens and are set by the merchant.

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The confirmed payment is stored on the merchant's OxINSTANT node. The node can periodically settle payments in bulk on the Ethereum network in order to save on gas fees. Upon successful settlement, the merchant's node generates additional revenue by collecting payment fees in BASE token.

### Token

TOKEN NAME

## BASE

Based on ERC20 standard

### Usage

The BASE token is primarily used as the protocol fuel in order for network nodes to collect fees for instant payments processed through the OxBASE network.

### Staking

A certain amount of BASE tokens is required to be staked in order to run a OxINSTANT node, as a form of security deposit, enabling the node to participate in the network by processing payments and incentivising the proper node behaviour.

### Economics

Demand for tokens is organic and will increase through the number of transactions and participants in the network.

Total token supply: 1,000,000,000 BASE

### Core team



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