

Allbridge Bridge-as-a-Service

Overview

Allbridge Bridge-as-a-Service is a whitelabel bridging solution that supports EVM chains, Solana, NEAR, Tron, Terra Classix, and XRP Ledger. The product offers a simple, customizable UI, a flexible architecture setup, and full ownership of smart contracts and a Validator.

Use Cases

Native-to-Native bridge for the existing tokens

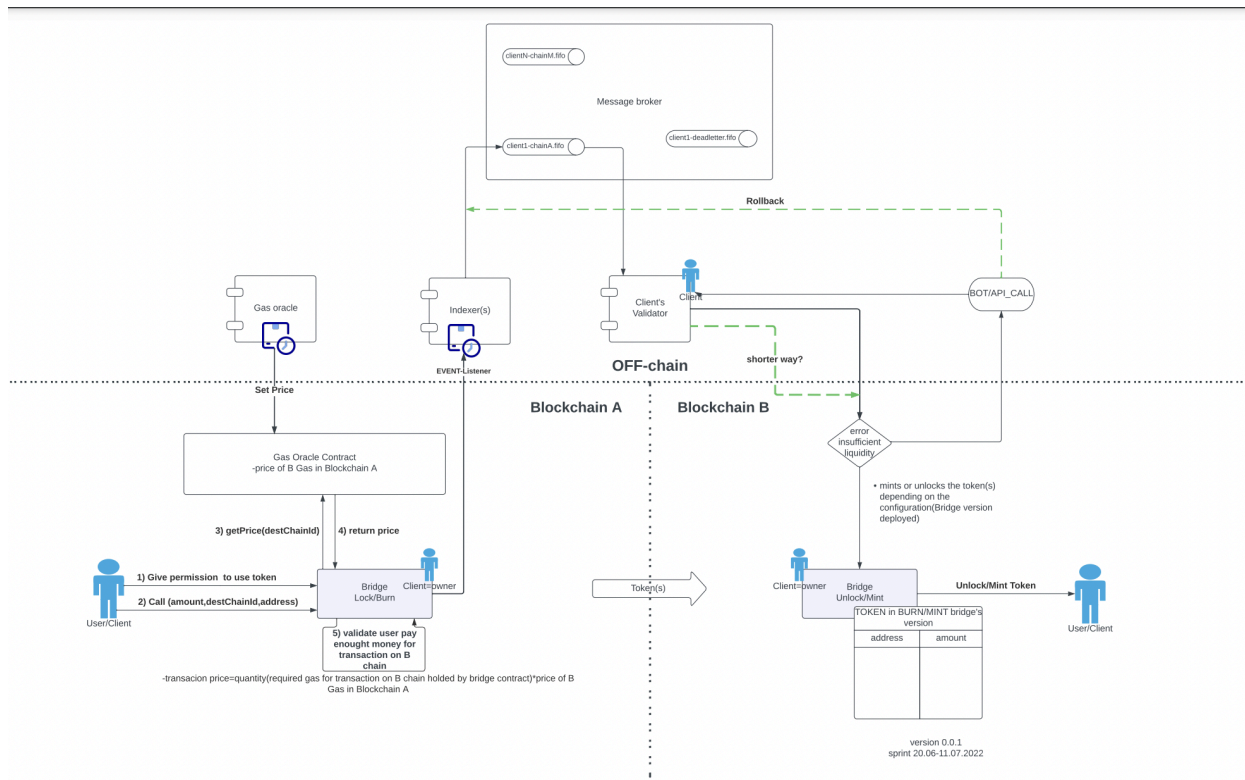
If a project has a token on more than one chain and the token is already being traded on these chains, it needs a bridge to transfer tokens between them. The easiest way would be to create a Native-to-Native bridge. Under the hood, it will lock a token on one chain and unlock it on the other.

Native-to-Wrapped bridge to launch on a new chain

If a project has its native token on one chain (Ethereum) and wants to launch it on another chain (Solana), it could use a bridge to do so.

When the token is bridged between 2 chains, it is locked on the source chain and minted on the destination chain.

Bridge architecture



You can find the full diagram [here](#).

Bridge elements

1. Web interface
 - a. Customizable colors
 - b. Customizable logo
2. CLI
 - a. A bridge can be set up via CLI
3. Bridge contracts on the chosen chains
 - a. Specific chains setup
 - b. Full ownership of the contracts
 - c. Ability to add or remove liquidity from the bridge contract
4. Validator
 - a. Can be hosted by Allbridge
 - b. Can be hosted by the project
 - c. The projects will have a full validator ownership
5. Token
 - a. The bridge will support only one token.

Supported chains

All EVM chains, Solana, NEAR, Tron, Terra Classic, XRP Ledger.

Transfers

There are several types of token transfer possible with Allbridge

1. Send Native tokens and receive Native tokens.
2. Send Native tokens and receive Wrapped (or minted) tokens.
3. Send Wrapped (or minted) tokens and receive Native tokens.
4. Send Wrapped (or minted) tokens and Receive Wrapped.

User flow

The user will do only one transaction on the source chain and will automatically receive the tokens on the destination chains.

Fee

There will be no transfer fee. The user will pay only for the gas of the Send transaction.

Speed

1 - 5 minutes.

Bridge setup

1. You provide Allbridge with information about the token's utility and its deployment.

If your token is already deployed on several chains, you must select the transfer types and whether the liquidity should be provided and/or minted by our bridge.

2. You provide us with the addresses of contract administrators on each chain, Allbridge deploys the contracts and transfers administrative rights to you.
3. We help to deploy and set up a validator server that will sign transactions for receiving tokens.
4. Allbridge helps you to prepare a web interface (UI design/colors/logo), deploy, and configure it.
5. Allbridge integrates it with its own system of indexers and oracles
6. Your users are enjoying the seamless bridge experience!

Support

Customer support

Custom channels for the project's users + custom documentation

Technical support

Product maintenance and bug fixing will be done by Allbridge team.

Pricing

- \$20,000 - one time setup payment
- \$300 - monthly subscription for maintenance and support a chain