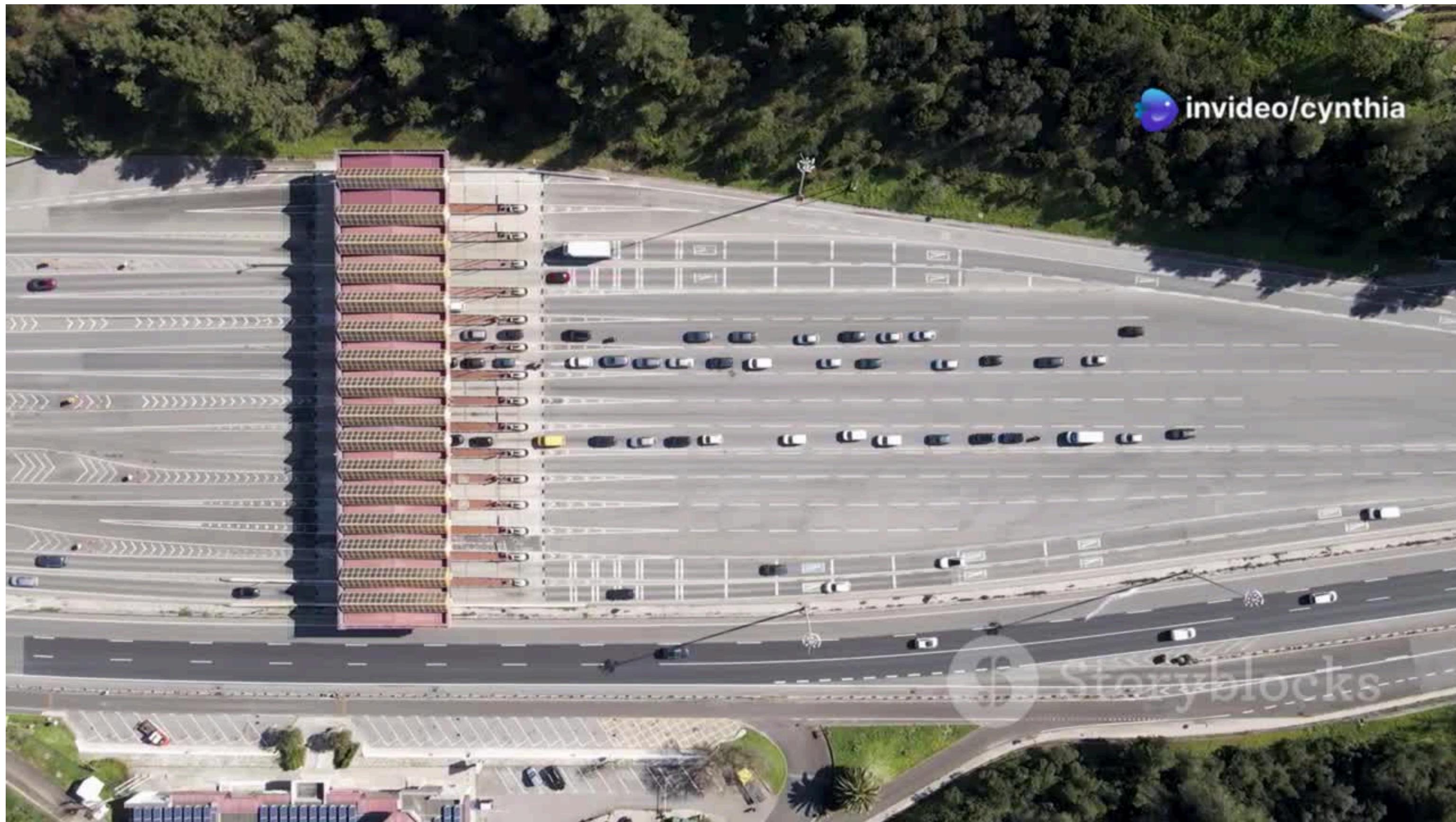




**KENYA  
ICP HUBS NETWORK**

what is ICP



invideo/cynthia

6 Story Blocks

# The First Real World Computer

## The Internet Computer Blockchain



The Internet Computer is the fastest, most efficient, and only infinitely scalable general-purpose L1 blockchain — incubated and launched by the DFINITY Foundation in May 2021.

The Internet Computer is a World Computer **blockchain that can host anything from a social network to a large enterprise system** — removing the need for centralized IT.

The Internet Computer advanced blockchain code is tamperproof and unstoppable. It can truly scale, and runs with incredible efficiency serving web experiences to end users, interacting with Web2, and trustlessly creating transactions on other chains.

ICP is the last-generation public decentralized smart contract network. Thanks to the lowest in the industry on-chain data storage price and cutting-edge tech, you can host and automate any sort of dapp and service on ICP smart contracts called **canisters**.

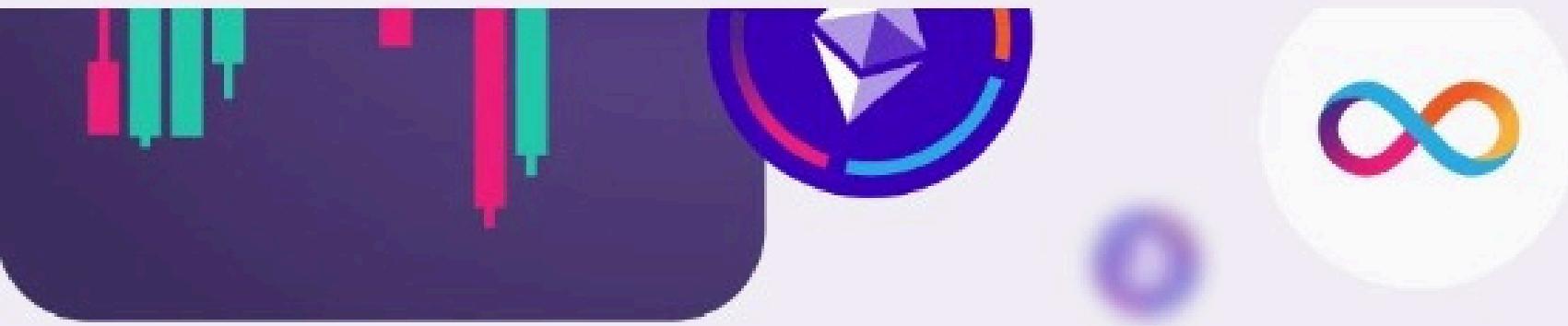
[Read more \(Website\)](#) ↗

[Read more \(Wiki\)](#) ↗

# Unique Features of the Internet Computer

# Everything on chain

The risks of trading and holding tokens on centralized exchanges is high. Even decentralized exchanges with frontends hosted on centralized cloud providers are not safe from hacks or rug pulls. Thanks to the web-serving capability of canister smart contracts on the Internet Computer, and their ability to host large amounts of data, DeFi platforms can exist 100% on the blockchain with no dependency on centralized components.



# Cost of storing 1GB on-chain for 1 year

INTERNET  
COMPUTER



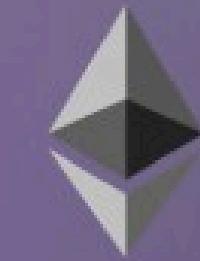
\$5

SOLANA



\$110,000

ETHEREUM

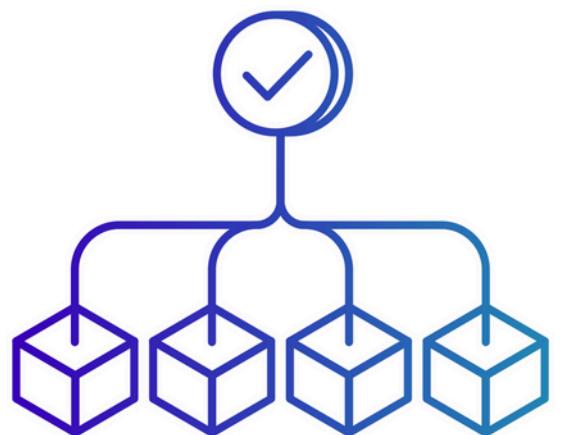


\$79,000,000



### Novel Consensus Mechanism

Proof-of-Useful-Work  
Efficient, secure,  
unstoppable

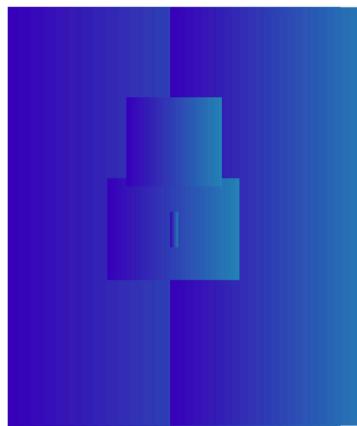


[Read more from the founder \(Twitter\) ↗](#)

[Read more \(Wiki\) ↗](#)

### Extremely safe and reliable

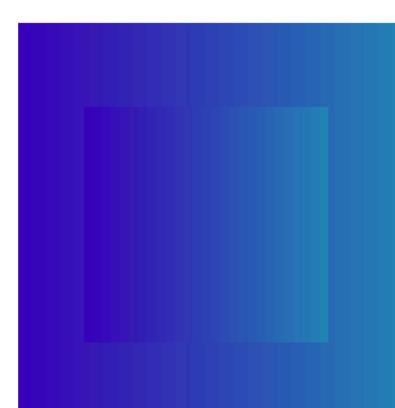
0 significant downtime  
in >1.5 years of  
constant growth



[Check for yourself on our ICP live dashboard ↗](#)

### Certified greenest blockchain

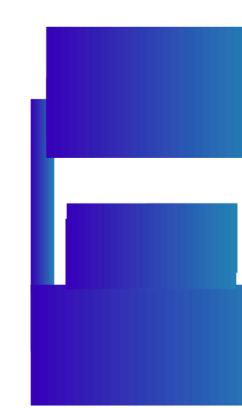
1 google search environmental impact =  
2 transactions on ICP



[Watch more \(Youtube\) ↗](#)  
[Read more \(Report\) ↗](#)

### Last generation smart contracts

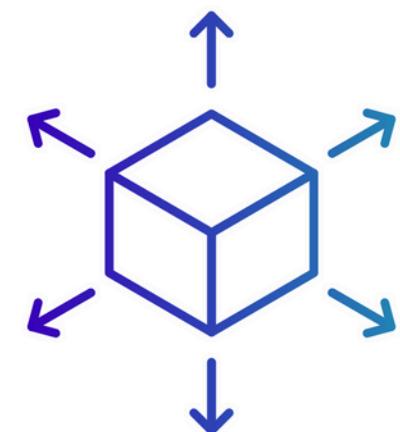
Canister smart contracts can store software and data



[Read more \(Blog\) ↗](#)  
[Read more \(Website\) ↗](#)

### Cheapest & stable transaction cost

Fixed 0.0001 \$ICP x transaction cost allows infinite scalability



[Read more \(Blog\) ↗](#)  
[Read more \(Website\) ↗](#)

### Unique Reverse Gas Fees Model

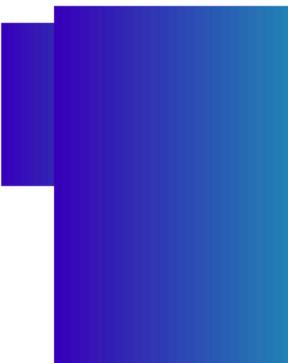
End-users never pay for using dapps and web services



[Read more \(Website\) ↗](#)  
[Read more \(Blog\) ↗](#)

### \$5.5 GB/year on-chain data storage cost

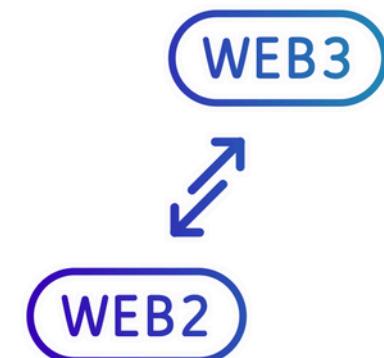
Million of times cheaper than ETH. Apps don't need cloud services



[Read more \(Guide\) ↗](#)

### Direct https outcalls to Web2 sites

Enables Web3-Web2 interoperability, eliminates need for oracles



[Read more \(News\) ↗](#)  
[Read more \(Blog\) ↗](#)

# Internet Identity

Securely and seamlessly access the blockchain without wallet

# The What and the Why

Internet Identity is a gateway to applications on the Internet Computer anchored to your favorite devices. When you use Internet Identity, websites cannot collect and share information about your online activity. This is because Internet Identity helps you create and manage anonymous, independent accounts with one unique anchor. You get the privacy of having many different accounts without the burden of managing them.

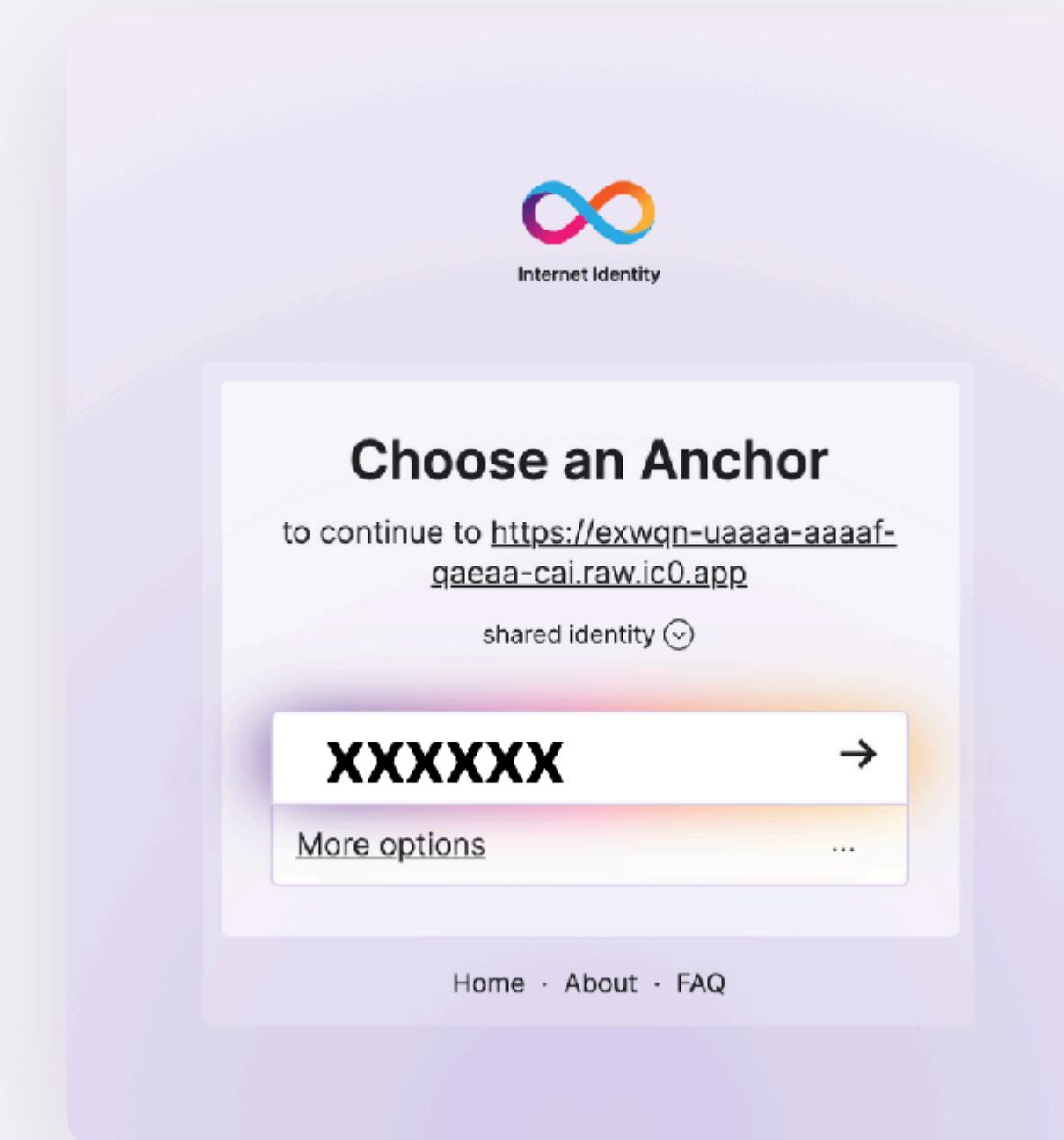
Read more (Website) ↗



# Get Started with Internet Identity

It allows users to create sessions with Web3 services and dapps, and sign traditional blockchain transactions. You can sign up and login to any ICP dapp with it. It is performed with supreme security, ease and convenience, and in a completely decentralized way. Learn how to use Internet Identity.

Create your Internet Identity 



# Governance & ICP Token



NETWORK NERVOUS SYSTEM

## Select Token



Internet  
Computer



ckBTC



Dragginz



OpenChat



Kinic



Hot or Not

## Internet Computer

### 100% on-chain wallet



Manage your ICP, ckBTC, and SNS governance tokens within the NNS wallet — hosted 100% on the Internet Computer blockchain. Transfer tokens, secure them with hardware wallets, or participate in governance to earn voting rewards.

[Sign in with Internet Identity](#)

0

\$740'223'500  
Total ICP Value Locked

# ICP is a utility token which is used for these purposes:

**PARTICIPATING** in the governance of the Internet Computer by staking ICP in the Network Nervous System DAO (NNS) – in order to vote on proposals and earn voting rewards.

[Read more \(Website\)](#)

[Go to NNS Dao](#)

**TO PAY** the entities who provide compute capacity by operating node machines (node providers)

[Read more \(Blog\)](#)

**TO TRANSFORM** ICP into cycles (\$XTC), which are used as fuel for computation on the network – running and using dapps.

[Read more \(Website\)](#)

**TO INVEST** in token sales of decentralized autonomous organizations (DAOs) on the Internet Computer.

[Read more \(Website\)](#)

# DAO future

autonomy can provide sovereignty – the Internet Computer network is controlled by the **NNS DAO** and each hosted service can be controlled its own **SNS DAO**



Network Nervous System (NNS): Imagine ICP as a massive online multiplayer game where every player has a say in how the game evolves. Instead of one central developer making decisions, token holders vote on game updates, ensuring the community drives development. This is how NNS works—a decentralized decision-making system.

Staking ICP: Think of staking as depositing money in a high-yield savings account. Instead of earning interest, you gain voting power in the ecosystem and earn rewards for securing the network.

Current Value of 1 ICP: [Insert latest market price]

# DAO

Decentralized autonomous organization  
(DAO)

A DAO is a collaborative organization that uses computer programs to manage itself. DAOs are part of the "crypto ecosystem" and use blockchain technology to record transactions and execute code.

DAOs are controlled by their members, not a central authority.



# How it works

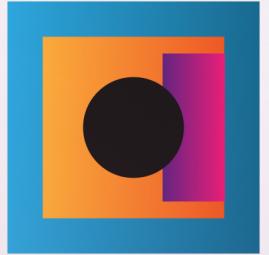
Similarly to how the Network Nervous System (NNS) is the open tokenized DAO that controls the IC blockchain, service nervous systems (SNSs) are algorithmic DAOs that allow developers to hand over their dapps to decentralized, token-based governance systems since the very beginning. Each decentralized dapp would have its own SNS.

[Read more \(Website\)](#) ↗

[Read more \(SNS-1\)](#) ↗

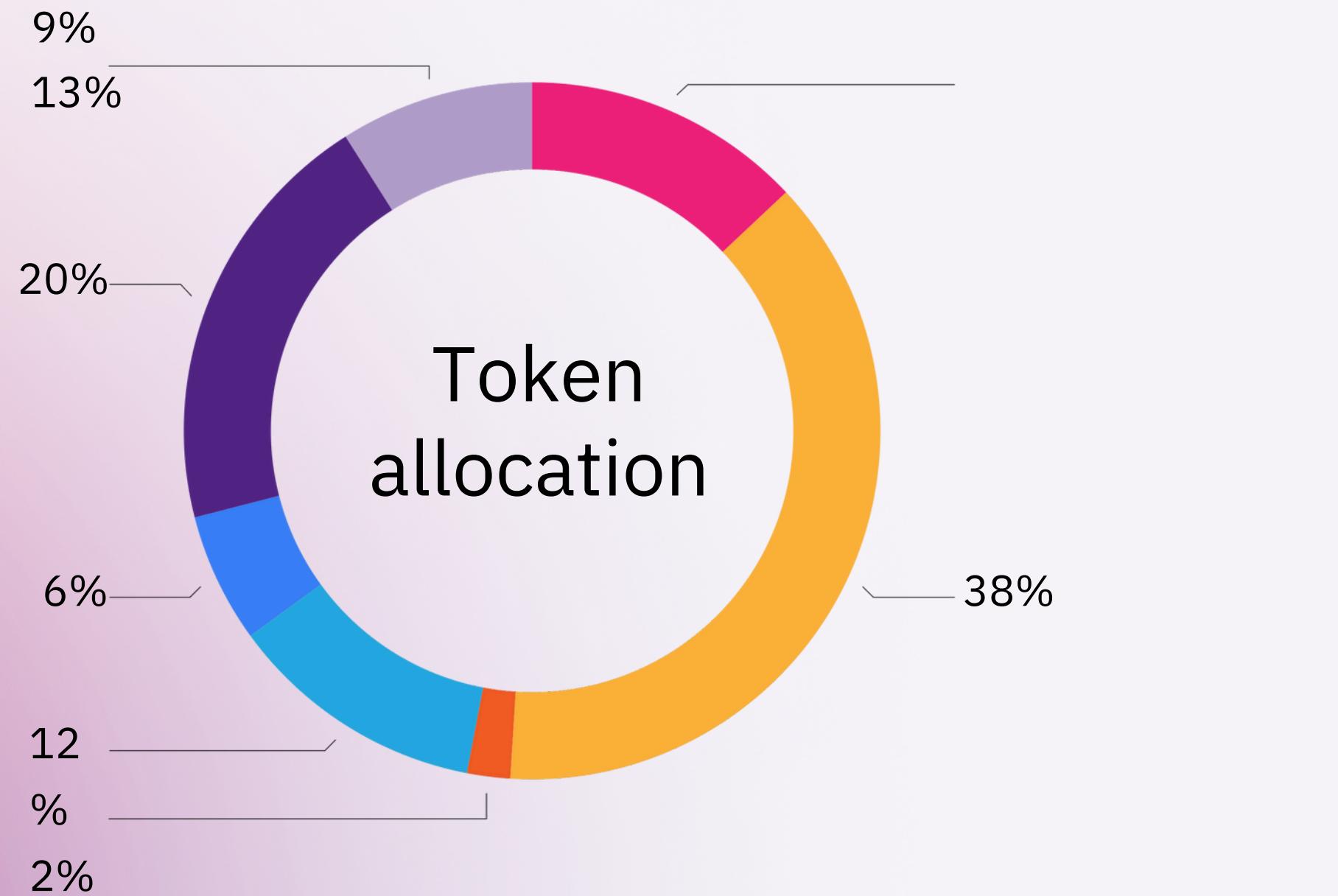


# OpenChat DAO



The first SNS Dao is **OpenChat**, a fully featured chat application running end-to-end on the Internet Computer blockchain.

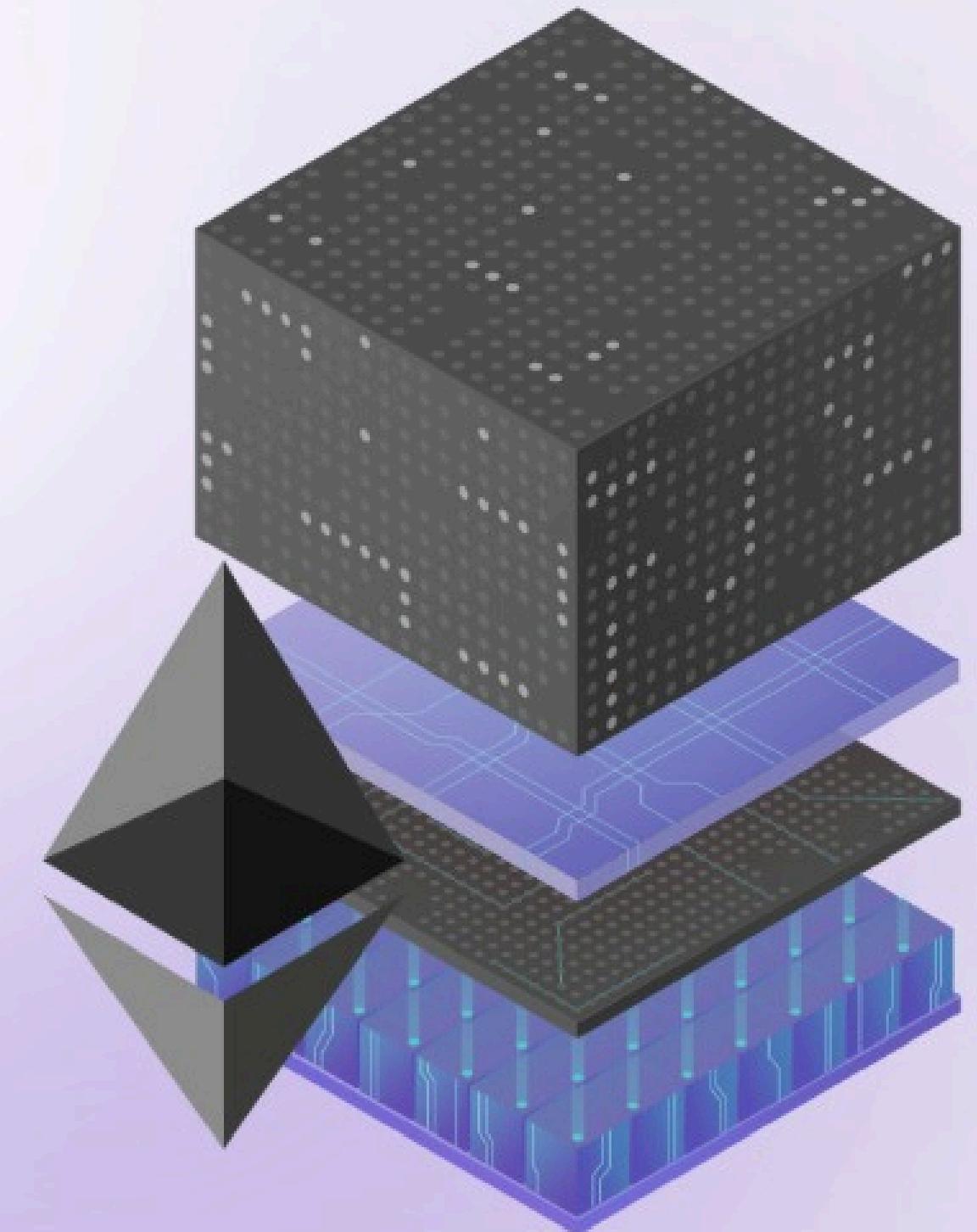
[Read more \(News\)](#)  
[Read more \(News\) ↗](#)

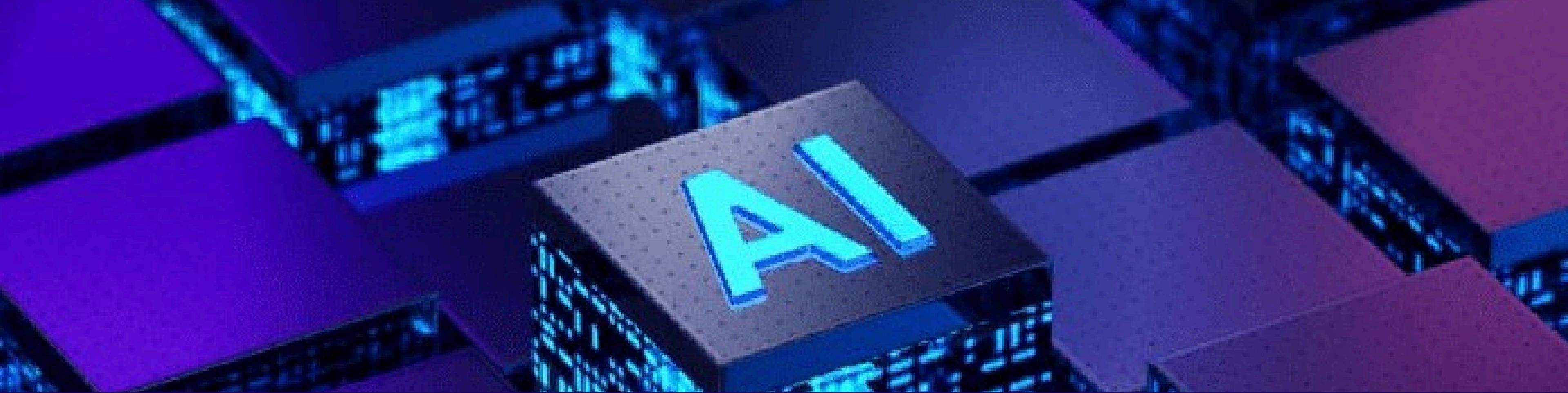




# ETH integration

The Ethereum Integration allows **canisters** on the Internet Computer to **invoke smart contract** calls **on** the Ethereum blockchain, by creating and signing the appropriate Ethereum TX that will be executed by the **Ethereum network**.





**Run AI models as real smart contracts**

**AI can be run truly on-chain as Internet Computer smart contracts, making it tamperproof and unstoppable, and autonomous if needed**

# 1000s of developers are now building on the Internet Computer



@icphub\_KE



# How to build dApps on the Internet Computer

The Internet Computer was built for devs and dapps. Here you'll find everything you need from beginner guides on its native programming language, Motoko, to advanced developer forums.

## Languages & Resources

Motoko

[Open ↗](#)

Rust

[Open ↗](#)

Azle (TypeScript)

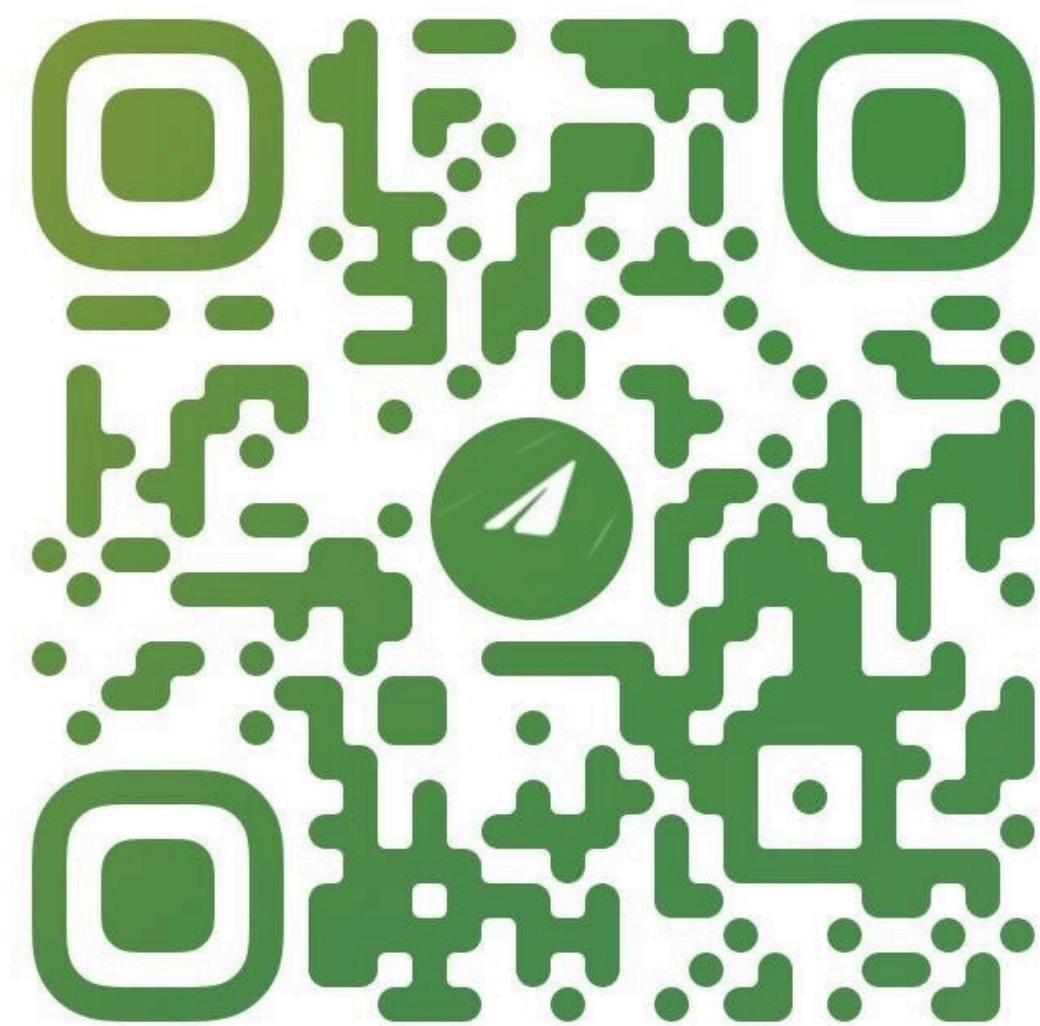
[Open ↗](#)

Kybra (Python)

[Open ↗](#)







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# Thank You!

