NavCoin

Simplifying Cryptocurrency

navcoin.org

NavCoin is an open source community project to which anyone can take part.

No one owns or controls NavCoin and it's guided by a set of values laid out in our manifesto.

navcoin.org/governance

NavCoin's Story

NavCoin was first launched in 2014 by a collective of developers who connected online. It's mission has been to provide cheap and fast digital payments with a focus on privacy and simplicity.

Launched without an ICO or pre-mine NavCoin is completely self funded by volunteers who believe in the project's principles and direction.

The core team and community developers have a long and steady history of transparent communication, integrity and delivering high quality solutions.

The project is continually under active development with a strong roadmap of innovative projects and a thriving community of contributors from all around the world.

NavCoin Protocol

What is NavCoin all about?

Fast Block Times

Transactions arrive nearly instantly and are validated in less than 30 seconds.

Cheap Transactions

The average transaction fee is less than $0.0001.

Eco-friendly Mining

Proof of Stake mining uses hardly any electricity and anyone can earn rewards.

Decentralised Governance

Development is self funded by the network where participants can create and vote on proposals.

Private Payments

Sending NAV can be either transparent or private with the sender retaining the right to choose.

NavCoin Layer-Two

What extends the NavCoin protocol?

NavTech Private Payments

The NavTech Subchain provided NavCoin's original privacy solution and was one of the key innovations which propelled NavCoin onto the world stage. NavTech has recently been deprecated in favour of a protocol based solution which is currently under construction by the core team.

Open Alias

NavCoin uses the OpenAlias protocol to resolve email style names to NavCoin addresses making sending NAV as easy as sending an email.

Valence Platform

Proposed by the NavCoin Core developers as a ubiquitous smart contract interface, NavCoin will be able to leverage the Valence Platform when it launches to provide advanced smart payments.

NavCoin Hardware

What hardware supports NavCoin?

NavPi

The NavPi StakeBox is a computer the size of a credit card that can mine NavCoin using only 5 volts of electricity. It has a web interface which allows you to log in and manage your wallet from anywhere on your network. You can buy one online or install it on your own Raspberry Pi.

NavCoin m8

The NavCoin m8 is like the NavPi's big brother. It has more memory and storage space, and comes installed with the slick NavCoin NEXT wallet to manage your earnings.

NavCoin Odroid

Odroid is another more powerful alternative to the NavPi which can mine NavCoin.
The NavCoin Core software is available for most devices which support the Linux operating system.

NavCoin Wallets

How can you store and send NavCoin?

NavCoin Core

This is the official reference implementation published by the NavCoin Core developers.

NavPay

NavPay is an easy to use light wallet, that allows you to securely store your NAV. It's available across desktop and mobile, and doesn't take up gigabytes of storage.

NavCoin NEXT

A modern and stylish next generation wallet for NavCoin. As well as staking, NEXT offers a simple interface to create and vote on community fund proposals.

Kauri Wallet

An open-source multi-currency wallet that is under development. It's fast, lightweight, secure and with all the features you'd expect from your banking app.

Merchant Tools

How can you accept NavCoin?

CoinPayments Gateway

NavCoin is supported on the CoinPayments merchant gateway which has over 2 million vendors worldwide. There are plugins available for the most popular online shopping carts or it can be used as an in-store point of sale system.

NavCoin Payment Widget

The payment widget is a simple way to integrate NavCoin tips, donations and payments. There are embeddable code snippets provided which can simply be copy and pasted into your website.

NavPay

For accepting payments over the counter, it really is just as easy as installing the NavPay wallet onto your mobile phone. NavPay can easily calculate the conversion into your local currency

Exchanges

Where can you buy or sell NavCoin?

NavCoin has been publicly traded on the biggest alt-coin exchanges since 2014. It's currently traded on 15+ exchange and purchasing platforms worldwide.
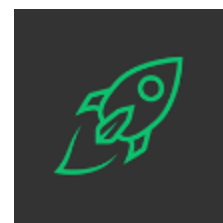
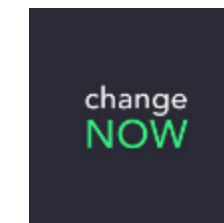| Binance | Bittrex | Poloniex | Changelly | Cryptopia | BestRate | CoinDirect | Bisq |
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navcoin.org/buy-navcoin

NavCoin Eco-System

Where do you learn more about all the projects?

NavCoin 🌎 **navcoin.org**

This is the official website of the NavCoin core developers. It's a great place to learn about the NavCoin protocol and a starting point to explore the rest of the eco-system.

NavHub 🌎 **navhub.org**

NavHub is where you can see the various projects being built on top of the NavCoin protocol.

NavCollab 🌎 **collab.navcoin.org**

NavCollab is a social platform designed for connecting community members together to work on community fund proposals.

NavCommunity 🌎 **navcommunity.net**

NavCommunity is a community driven site which houses a dedicated forum, markets, social metrics and is the home of the NavCoin NEXT wallet.

Roadmap

Community Fund

Proof of Stake Version 3

Community Proposals

Privacy Protocol

NavCoin ATM

Kauri Wallet

Proof of Stake Version 4

NavMorph

Decentralised Exchange

NavDelta

Valence Platform

Community Fund

Decentralised governance and project funding

Project Overview

NavCoin's Community Fund enables anyone to get paid by the network for their contributions to the NavCoin eco-system. Projects are funded and approved by the decentralized network with no central authority. This ensures NavCoin's direction remains firmly in the best interest of the network and is autonomously determined by the community.

Key Features

- The Community Fund generates 250,000 NAV per year for project funding.
- No one can access the funds without a proposal being approved by the network.
- Funds are protected by a dual consensus voting mechanism.
- Anyone can apply for funding.

navcoin.org/community-fund

Proof of Stake v3

Cold staking and static block rewards

Project Overview

Improving the security and stability of the NavCoin protocol is the primary focus of the NavCoin core developers. Upgrading NavCoin's consensus mechanism to be compliant with PoS v3 by adding cold staking and static block rewards will increase network security and allow for additional integrations and opportunities.

Key Features

- Introducing a static block reward increases mining revenue incentivising miners to participate.
- Static rewards also incentivises miners to be continuously online securing the network.
- Our cold staking implementation introduces dual keys for staking addresses.
- The spending key can remain offline while the staking key can be safely used in a hot wallet.
- Cold staking paves the way for cold storage integrations such as the Ledger Nano.

Privacy Protocol

Peer to peer private payments

Project Overview

As a replacement for the secondary 'NavTech' blockchain, a new privacy solution is being developed by the NavCoin core team to function at the protocol level. NavCoin's new privacy protocol will be trustless and cryptographically secure, ensuring your fundamental right to privacy is protected. Once the protocol is fully defined, the white paper will be publicly published.

Key Features

- Sending private transactions will be simple with no complicated pre-mixing or obfuscation.
- Private transactions will be just as fast as regular transactions, broadcasting nearly instantly.
- There are no mixing pools or servers, private transactions happen trustlessly peer to peer.
- Privacy is optional, users decide whether they want to send public or private.

Kauri Wallet

Your personal multi-crypto sovereign bank

Project Overview

Kauri is the multi-currency crypto wallet you've been waiting for. Open source, fast, lightweight, secure and with all the features you'd expect from your bank and point-of-sales software. Kauri will set a new standard in managing your crypto assets.

Key Features

- Open source, so you can trust the software can not steal your funds.
- Multi-currency and multi-platform, allowing for all your crypto to be accessible anywhere.
- Features you're used to having in a banking app like savings accounts and scheduled payments.

navhub.org/projects/kauri

Kauri Extensions

Plugins for advanced payment solutions

Project Overview

Kauri Wallet acts as a foundation for the next major series of software on the NavCoin community roadmap. As a multi-currency and multi-platform wallet it is the natural space for features like atomic swaps, anonymous exchanges, cross-chain merchant settlements and much more.

Key Features

- Kauri Enhanced - multiple accounts, pin numbers, recurring payments and more.
- Kauri DAEx - decentralised atomic exchange platform for any Kauri supported currency.
- NavMorph - routing any Kauri supported currency through NavCoin for private payments.
- NavDelta - spend NAV at any merchant that accepts any Kauri supported currency.

Valence Platform

Business on the Blockchain

Project Overview

The Valence Platform is a parallel project to NavCoin which can provide smart contract capabilities to any compatible cryptocurrency. The NavCoin core developers plan to leverage the Valence Platform to provide NavCoin with advanced payment functions like autonomous escrows and conditional payments.

Key Features

- Platformitized decentralised application platform.
- Componentizes common use cases like logistics, identification and escrow.
- Advanced privacy features built into the network to protect both application and user data.

valenceplatform.org

Beyond the Roadmap

What does the future hold for NavCoin?

NavCoin is a community driven project with many contributors so the possibilities are truly endless. When the Community Fund is activated the only limit will be your imagination.

Everyone has unrestricted autonomy when it comes to building software or services that utilise NavCoin online or in the real world. The community works together as willing participants in this new economy to create a better future.

Community members are constantly working to onboard new merchants and exchanges and we expect the NavCoin eco-system to continue to grow as adoption increases.

The future of NavCoin is truly what you make of it.

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