

# NavCoin

Simplifying Cryptocurrency



[navcoin.org](http://navcoin.org)

# Craig MacGregor

NavCoin Co-Founder & Encrypt S CEO

## **Web Developer**

Started out as a web developer over ten years ago.

## **Blockchain Enthusiast**

Decided to investigate Bitcoin & Blockchain in late 2013.

## **NavCoin Co-Founder**

Found NavCoin's white paper and community and signed on as a co-founder in mid 2014.

## **Encrypt S CEO**

Started Encrypt S to sponsor NavCoin Core developers in 2015.

## **Blockchain Researcher & Developer**

Focused on blockchain protocol development and building web services that leverage blockchain.

# NavCoin's Story

NavCoin was first launched in 2014 by a collective of developers who connected online. Its 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 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](https://navcoin.org/governance)

# NavCoin Overview

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**

NavCoin's mining uses hardly any electricity and can be done by low powered devices.

## **Decentralised Governance**

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

## **Private Payments**

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

# NavCoin Protocol

What makes up NavCoin's protocol?

## **Proof of Stake**

Blocks are validated using Proof of Stake which acts like earning interest on a savings account.

## **Cold Staking**

Staking NAV can be kept in cold storage while validating blocks, keeping your funds secure.

## **Static Rewards**

2M NAV p.a. are issued to stakers, currently earning stakers about 10% more NAV per year.

## **Community Fund**

500k NAV p.a. are generated to fund Community Proposals and distributed autonomously.

## **ZeroCT**

Our new protocol for private transactions extending Zerocoin and Confidential Transactions.

# 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 decentralised network with no central authority. This ensures NavCoin's direction remains firmly in the best interest of the network's stakeholders and is autonomously determined by the community.

## Key Features

- The Community Fund generates 500,000 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 requiring proof of effort.
- Anyone can apply for funding.

# NavCoin Hardware

## What hardware supports NavCoin?

### **NavPi StakeBox**

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.

### **NavDroid StakeBox**

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 Companion**

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.

# Payment Gateways

How can you accept NavCoin?

## **CoinPayments Gateway**

NavCoin is one of hundreds of cryptocurrencies supported by the CoinPayments payment gateway. 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

# Services

## Where can you spend NavCoin?

### **GiftCards by Bidali**

Bidali allows users to purchase gift cards from 100s of top brands using NAV. Some of the gift cards available to buy with NAV include Amazon, Best Buy, Nike, Overstock, Uber, Dominos, XBox, iTunes, eBay and many more.

### **CoinPayments**

CoinPayments is used by over 2 million vendors worldwide to accept cryptocurrency payments in-store and online and there are many stores accepting NAV.

### **Coinomi x Changelly**

Coinomi enables instant exchanges between NAV and other currencies supported by Changelly, allowing users to convert and spend NAV at virtually any store with just a few clicks.

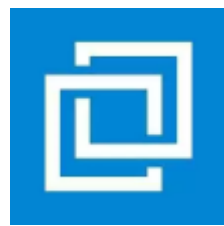
# Exchanges

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.



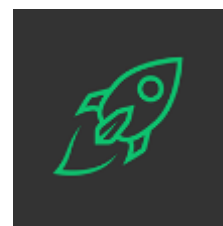
Binance



Bittrex



Poloniex



Changelly



Cryptopia



BestRate



CoinDirect



Bisq



CFinex



LiteBit



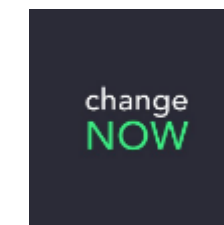
EasyCrypto



BitPrime



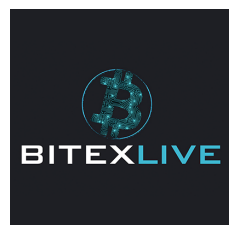
Godex



ChangeNow



Crex24



BitexLive

[navcoin.org/buy-navcoin](https://navcoin.org/buy-navcoin)

# NavCoin Eco-System

Where do you learn more about all the projects?

**NavCoin** 🌐 [navcoin.org](https://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](https://navhub.org)

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

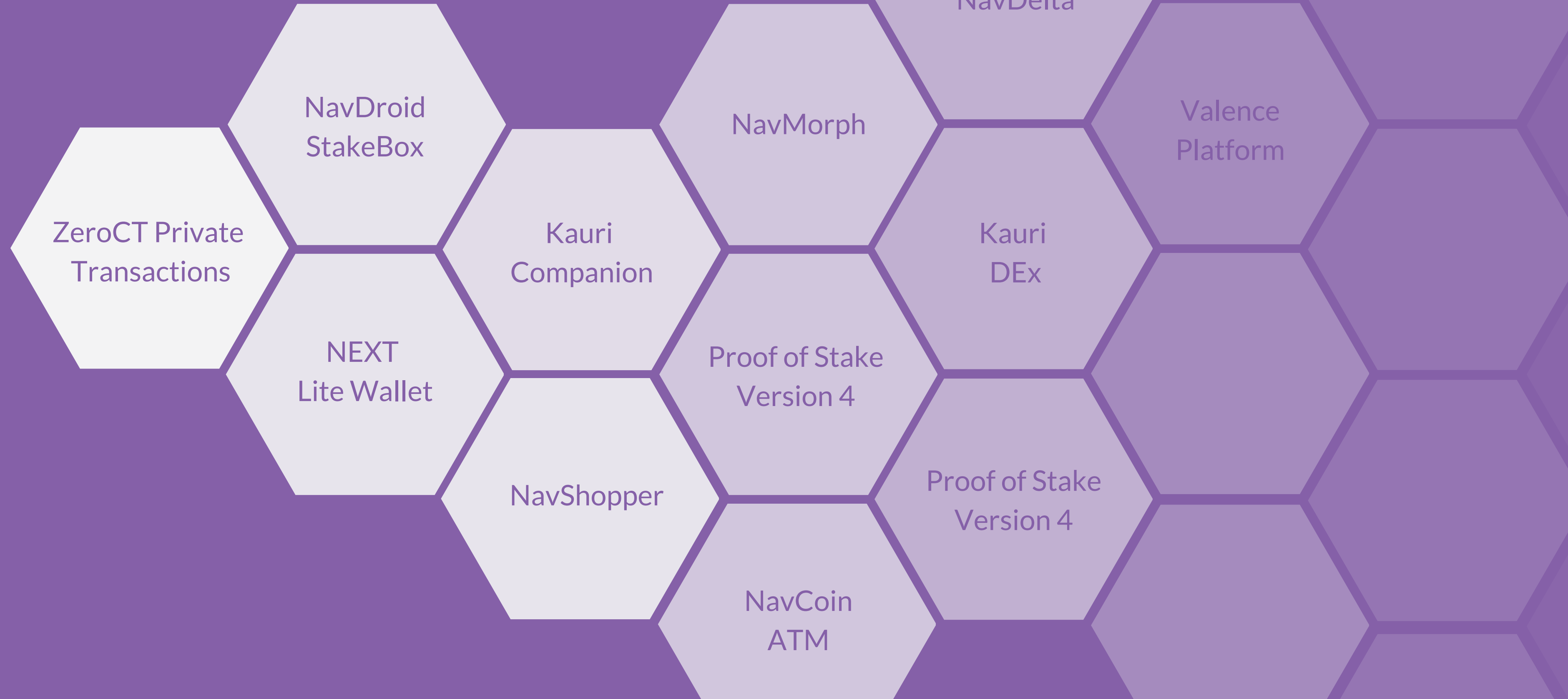
**NavCollab** 🌐 [collab.navcoin.org](https://collab.navcoin.org)

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

**NavCommunity** 🌐 [navcommunity.net](https://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



# ZeroCT

Peer to peer private payments

## Project Overview

ZeroCT is based on a combination of the Zerocoin protocol and Confidential Transactions, but it's more than just the combination of two existing protocols. ZeroCT takes the best parts of the industry's leading private transaction protocols along with some new ideas and combines them into one of the most advanced privacy protocols ever deployed to a blockchain.

## Key Features

- Conceals the spender's identity using Zerocoin RSA accumulators.
- Conceals the receivers identity using one time derived private identities.
- Conceals the amount using Confidential Transactions & Bulletproofs.
- Privacy is optional, users decide whether they want to send public or private.



# NavShopper

Spend NAV at any online store

## Project Overview

NavShopper is a new project which will allow people to spend NavCoin on a growing list of retailers and service providers. NavShopper sits between traditional retailers accepting fiat and NavCoin users, purchasing products on behalf of the user by managing the crypt-fiat conversion, payment and shipping.

## Key Features

- Choose from a list of supported online retailers and enter the product you want to purchase.
- Pay in NAV and NavShopper automates converting the NAV and purchasing the product.
- Products are shipped directly to you from the retailer.



# Kauri Companion

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.

# Kauri X

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](https://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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