



Introduction

Peer-to-Peer crypto currency usage is increasing at an exponential rate. Halo aims to be a keystone part of the crypto ecosystem by having a robust, fully encompassing platform that fuses the finest parts of the crypto currency world, making everyday life for the average or veteran crypto user easier in multiple ways.

Halo has a vision of expanding the nature of cryptocurrency with a constantly evolving platform that grows with the needs of the users, serves the people and derives its value from the respective success of each user on its platform.

Each individual in the Halo system represents a new link in the ecosystem, creating strength and value within a safe platform and utility. The side effect of helping them with their own growth and promoting their own self-interest, is that it in turn creates additional value to and growth from using the Halo platform.

The security and AWS load balancing will also bring a new, refreshing aspect to traders and investors, as the Halo platform will be orchestrated by top-tier AWS Cloud consultants who are leaders in their field, empowering everyone with solid trading capabilities.

The Halo Marketplace and Business Tools features add a smart and empowering dimension to the crypto ecosystem. The Halo Token Hub additionally will allow users to create their own tokens in a safe, secure and consensus-driven environment for quality assurance.

The Halo Platform will also utilize a Zero-Transaction-Fee protocol so that when a user sends 1 HALO, the other party gets 1 HALO, period. The better the Halo platform is built, the more it empowers the everyday user and the longer it will be around to serve the needs of the community.



Halo Masternode System

The Halo Masternode system will comprise of a 4-Tier system, distributing transactions and allocating data in a structured design. Currently the block reward is set to 100 Halo per block with a 2 minute timeframe between block minting. Masternodes will receive 27.5 Halo per confirmed block at an estimated 19800 Halo paid to Masternodes per day. Service fees will vary depending on the node, and Tier 3 and Tier 4 Masternodes are limited in quantity. Rewards are allocated per the following 4-tiered architecture:

Tier 1 Halo Masternodes will have a block reward of 4.5 Halo with service fees of 0.25%. They will have a price of 500 Halo (\$5000 USD) and have an estimated 26 month ROI. Tier 1 Nodes will generate 0.648 Halo per day and 19.44 Halo per month.

Tier 2 Halo Masternodes will have a block reward of 7.5 Halo and 1% service fees. They will have a price of 1000 Halo (\$10,000 USD) and have an estimated 24.7 month ROI timeframe. Tier 2 Nodes will generate 1.35 coins per day for a total of 40.5 Halo per month.

Tier 3 Halo Masternodes will have a block reward of 5.75 Halo and 5.50% service fees. They will have a price of 2500 Halo (\$25,000 USD) and have an estimated 20.13 ROI timeframe. Tier 3 Nodes will generate 4.14 coins per day for a total of 124.2 Halo generated per month.

Tier 4 Halo Masternodes will have a block reward of 9.25 Halo and 13.75% service fees. They will have a price of 7500 Halo (\$75,000 USD) and have an estimated 18.77 month ROI timeframe. Tier 4 Nodes will generate 13.32 coins per day for a total of 399.6 Halo per month.



Halo Dashboard Smart Features

Halo Token Hub:

Some exchanges offer the ability to create tokens, but when not regulated in the proper fashion, new tokens can be confusing to users and bad for the ecosystem. Our goal for Token Hub is to be the new standard in ICO creation, with support for ICO launches from resources, to escrow funding, community consensus for quality and launch process and more.

Our community-governance and oversight model gives new tokens a more solid vetting from the Halo community, aside from the support in creating the token. This gives the community more ease of mind about new ICO's and projects evolving.

Halo Business Tools:

Send or receive payments in crypto instantly for starters. We will also allow users to create Check-out buttons for their storefront or for embedding on their own website / blog. Users can accept payments for services and products or tips and donations. Being their own boss is a dream for many, not only in the crypto ecosystem, and we aim to make it easy. Accept payments, create products, invoice and more effortlessly with our marketplace platform.

The new Halo Debit Card will also allow users an additional solid layer of functionality with the option to utilize their funds in the cryptosphere easily at the gas station, online, at the restaurant and more. This creates a solid, closed loop decentralized transaction system independent of traditional banking slag.

Halo Marketplace:

The Halo Marketplace is a perfect compliment to the Services and Business Tools sections creating an independent and secure place to do business intelligently. Halo will be the complete crypto portal for this new multi-billion dollar industry, being utilized by newcomers and vets alike. This props up the crypto ecosystem and creates a strong revenue to bolster the Halo Platform's growth for years to come. Spend Halo and other tokens for services, electronics, clothing, collectibles, jewelry and more. Users can be both the customer and the merchant with the Halo Marketplace.



Halo Dashboard Smart Features

Halo Dashboard:

The Halo Dashboard is meant to give users instant access to nearly every feature they might want with the flexibility they need. At the same time it allows users access to their profile settings, security, API keys, account verification and more. With each user comes a particular setup that works best for them, and we want the modular dashboard to be easily reconfigureable to the users needs. Users can track every transaction made for each wallet they've integrated, all in one place. One of our goals was to make things easier for both vets and newcomers alike, condensing the expansive universve of crypto into one smart, decentralized control exchange (DCE) hub.

Halo Portfolio:

Real Traders want no trading lag when making serious moves in the market. Users can track gains like a pro and can get SMS alerts instantly. Users can check their ROI from holding monthly and yearly, track off-chain assets, and view their portfolio position in BTC and other base currencies as well. Halo is the last crypto tool anyone will need.

The HALO portfolio section also allows users to quickly ascertain current positions and holdings with our secure integrations, with the flexibility to track alerts and gains fast. Halo utilizes CryptoSwim for recent gain or loss calculations and spotting trends without spending. The smart idea to add CryptoSwim to the Halo Platform gives newcomers and vets alike the ability to quickly calculate how much they would have made or lost with various amounts, without risk.

Wallet Integrations:

Halo offers multiple wallet integrations so users don't have to access five different interfaces to get the info they need done fast. The Halo Wallet is meant to be the user's one-stop multi-wallet control hub. Import and control only the wallets and accounts they desire. They can be utilized for creating smart contracts, voting on consensus on Halo evolution and new features and more. Our goal is to create a flexible environment for all the tokens users want to track, with a secure and strong backend backed by AWS Cloud Hosting and top engineers in the field securing user data.



Halo Dashboard Smart Features

Halo Exchange:

Too often we hear the issues users have with extreme platform usage, losing funds on shorts during platform outages etc. Halo has been carefully architected with the help of top AWS engineers, for a carefully load-balanced trading and platform experience that you can count on when it matters the most. Being the singular one-stop crypto control hub for users is what the Halo Decentralized Control Exchange experience is for. Halo DCE features are meant to be useful to users no matter what level they are at in the crypto scene. These are tried and tested tools and services that both ends of the spectrum can appreciate.

Halo Community:

Having users are able to take advantage of the friends and groups features to stay in touch with and organize solid groups for discussion and signals. The more power we put in the user's hands, and the easier we make the interface, the more people around the world will utilize the Halo DCE platform and increase its growth.

Halo Business Services:

We want to make a solid merchant processing platform as a key component the Halo cryptocurrency ecosystem. We want to empower our users to be their best in the cryptosphere. Users can be in charge of their own pricing schedule with lower fees than other digital storefronts, while offering an array of tools designed to make their crypto store products, consulting or other business services easy to manage, easy to invoice and easy to track with reporting and more.

Halo Financial Tracking:

No one has integrated a solid financial tracking and business tracking widget for crypto users to date. More and more people are flooding into the cryptosphere daily. Giving them an opportunity to provide services and consulting, track earnings, create invoices and estimates easily will be a great advantage for everyone. This is the future of currency, and we want to be a part of the crypto user's new business idea in every way possible, every day.



Halo Dashboard Smart Features

Halo Smart Backups:

The importance of backing up not only private keys but also the spreadsheets, images, conversations, screenshots, charts and the like was not lost on us. We have all lost something we wanted, and making the backup experience for multiple data formats easy is a strong advantage and utility-for our users. Keeping their data safe and secure is important to us and to a successful, long-lasting platform.

Halo Pro Tools:

Pro Tools are the utilities crypto users have all been asking for, for a long time. Finally we are solving the problem by putting the tools they've been wanting and more all in one easy place to use. When it comes to having everything, we thought some tools would be essential to the crypto ecosystem that both newcomers and veteran traders alike could appreciate equally. We want users to be able to draw and share all the charts they want, create spreadsheets, share them easily, and help with the evolution of toolsets on Halo through feedback and consensus.



Halo Digital Currency

Halo Digital Currency

The Halo token is designed to be an efficient store of value for the system as it is both tradeable on our platform and others, is mineable and is generated by users on the platform in the form of fees. Our masternode setup will be whale-resistant with smart, multi-tiered architecture to incentivize top masternode experts to get onboard with Halo.

Platform Technology

Some of the programming technology we will utilize to create the Halo DCE Platform:

Halo Wallet – the Halo wallet will be custom built using JS (Javascript)

Halo Coin – Halo coin will be constructed in a new programming language called Go

Hosting - Halo will be load-balanced properly on AWS Cloud servers by core team AWS Engineers

Timeframe - Programming an application this robust will take a dedicated team of developers 6-8 months to develop through to beta testing and official launch.

Generating Revenue / Growth

The Halo Platform will generate revenue with usage in multiple ways:

1. Platform Fees – Certain transactions done on Halo generate fees.
2. Marketplace Sales – Flat percentage rate for merchants selling on the Halo Marketplace.
3. Masternode Distribution – Intelligent smartnode system for strong distributed networking.
4. PoW / Miners – The Halo token is based on ethhash and is GPU mineable to increase supply.

Current Competition: None

There are no platforms, tokens or applications yet that provide all the features that Halo does.

There are few or no high volume exchanges with proper load-balancing for zero trading lag.

There are no decentralized exchanges that provide smart, safe, consensus-driven token creation.

There are no exchanges with Marketplaces that offer solid business tools and financial tracking.