

StarCoin77

WHITEPAPER

WHAT IS StarCoin77 ?

StarCoin77 is a new multi-chain public platform committed to building an open-source and collaborative distributed trust ecosystem.

Building a trust ecosystem is key for Star's development, especially regarding technology, applications and governance.

However, establishing the trust ecosystem is a huge and arduous task.

First, Star values the contribution of knowledge.

Star is led by a leading global blockchain technology team and will integrate the technical expertise of its partners both locally and internationally.

Second, Star values application development. Star can provide distributed infrastructure to a range of business scenarios without service providers having previous knowledge of blockchain technology or other underlying technologies. Third, Star values the expansion of the ecosystem which operates across chains, systems, cross-industries, applications and terminals.

With a range of protocols and modules, data and information are connected to support various business scenarios. Star's goal is to build the bridge between the real world and the distributed digital world. Star will be the underlying infrastructure and play the core role in the worldwide adoption of blockchain.

Star is a trust network that provides effective coordination of trust sources interconnection of data systems and a complete underlying technical foundation for all types of distributed application services. Star will build an infrastructure and connecting mechanisms for establishing a trust ecosystem. With this different industries will be able to develop applications for a range of scenarios and collaborate with other entities on the platform.

The following three parts of the ecosystem will be heavily developed throughout Star's

development: **StarCoin77** **Coop.**

Ecosystem

StarCoin77 is divided into the core layer (chain group, module, and protocol layer),

The application layer (ecosystem applications partners, application frame-works, modules), and the user layer (ecosystem application users).

Undoubtedly the construction of StarCoin77 requires partners to co-develop the ecosystem.

At the same time, each layer is jointly built with other ecosystem partners.

Star's core development team come from a range of technical backgrounds and strong capabilities in blockchain implementation.

The StarCoin77 Team consists of top experts in blockchain development in China, technical teams working on the underlying technology of different business systems (including the technical architecture of large financial institutions), and financial experts from global investment banks.

Core team The StarCoin77 Team has built a universal, robust, and seamless distributed ledger technology framework through continuous technological innovation which will support the secure and stable operation of the public platform.

The StarCoin77 Team has been involved in the implementation of several benchmark blockchain projects internationally, including blockchain projects based on identity chains and Digital assets. The Star Team has carried out several rounds of POC (Proof of Concept) and function implementation at the technical foundation. Partners StarCoin77 upholds an

open outlook to technology partnership and welcomes contributions from the technical community and partners.

StarCoin77's BLOCKCHAIN

Technology Ecosystem Development Principles Star's technical ecosystem development adheres to the principles of openness, cooperation, and innovation.

It will integrate scenarios from different areas, bringing together the strengths of different communities. The ecosystem aims to be: Open any organization or individual can participate in the ecosystem construction in the area they wish to whether that be, contributing to technology, application cultivation, or advice giving. StarCoin77 will not make any set rules on community returns, share allocations, or returns on earnings.

Cooperative StarCoin77 supports horizontal and vertical interaction amongst communities and partners, providing corresponding support for businesses and their project expansion.

Innovative StarCoin77 encourages technology ecosystem partners to participate in the technical upgrading of the chain network, perfecting and updating protocols and modules and innovating and developing applications. At the same time, reasonable incentives will be provided to contributors and their teams. For more details, please refer to the Governance White Paper.

Bring blockchain technology to various industries with Star's underlying blockchain architecture and exchange technical knowledge based on their individual technical capabilities and development experience.

StarCoin77 provides an entity data exchange framework with a variety of standardized protocols designed to support data discovery, authorization of use, and transaction.

The fine-grained control mechanisms mean privacy needs are met whilst users reap the benefits of their data and are able to conduct data collaboration.
Data discovery Data on a single entity no longer has to be manually gathered from

BLOCKCHAIN

multiple sources. When developing our blockchain platform, we recognized the importance of BSC77oin and Ethereum to the crypto world, and the world in general. We wanted to build a platform that utilized aspects of both coins, but we also wanted to build a platform that was easy to use and accessible to all. The result is an open source blockchain community that is equally compatible with both BSC77oin and Ethereum that utilizes decentralized mobile applications.

StarCoin77 Blockchain is a hybrid of BSC77oin and Ethereum. It utilizes the UTXO model of blockchain infrastructure but with modifications that make it uniquely the HTML Blockchain. Star Blockchain platform focuses on the practical applications of smart contracts. It introduces oracle, data feeds, and an identity module from third parties to fulfil the compliance requirements of traditional internet enterprises. It also focuses on decentralized application development. StarCoin77 strives to provide a great number of decentralized applications that can be used in numerous settings by both businesses and individuals.

COMPATIBLE WITH UTXO AND ETHEREUM VIRTUAL MACHINES (EVM)

Star Blockchain uses the UTXO model to ensure the consistency of transactions and the traceability of tokens. It allows all smart contracts developed for Ethereum to also function and operate on Star Blockchain. Furthermore, the UTXO model on the STAR Blockchain combines the advantages of both BSC77oin and Ethereum, solving the problem of BSC77oin and Ethereum incompatibility. BSC77oin and Ethereum can simultaneously exist on Star

Blockchain platform. One could say that Star Blockchain network allows BSC77oin and Ethereum to “talk to each other.”

StarCoin77 is a high performance distributed ledger and its sole responsibility is to verify asset transactions. That said, the single permanent StarCoin77 is also a distributed network just like BSC77oin network as a whole.

Distributed Inclusive Financial Services

Small businesses and individuals often lack credit records and collateral while facing high operation costs. This makes businesses and individuals become active managers of their own data. With multi-source data coordination and authorization, individuals can easily and safely provide information to apply for financial services and receive fairer interest rates by reducing risks for other parties.

From a Social Aspect 2nd Financial institutions can also collaborate with StarCoin77 , establishing multiparty security coordination and analysis mechanisms to provide better interest rates and services to small businesses and individuals. Case Study their fund requests riskier for banks and other financial institutions, leading to high interest rates.

At the same time the cost of change is high and businesses face retributions to their reputation if they do not comply, leading with a multifaceted dilemma.

Transparency, Data Availability & High Liquidity

The Ecosystem will increase transparency by making all trades available on the ledger. This ledger will be available to all potential stakeholders. Data vending will be available to the public, as it will include a journal for all trades, investors, volumes and extensive data of all transactions within the Ecosystem. Availability of information provides a basis for local and foreign investors to access the market with higher confidence thus creating trust in the IC community. As for the current liquidity landscape in crypto markets it is evident that it is disintegrated and frequently moving across exchanges. Major exchanges offer diverse crypto pairs without singular of any token or pair and offer divergent prices based on liquidity. Thus, preferred prices for a token might shift from one exchange to another creating inefficiency as well as opportunity, on the other hand, exchanges act as separate “liquidity pools”. Each pool has liquidity in certain tokens but lacks it in others. The pools are only accessible to each pool’s clients. Separately, each market’s liquidity remains small, but collectively, along with the IC Liquidity Pool, they represent a large and diverse source of liquidity that ensures efficiency in the crypto market. IC will link exchanges under one highly beneficial platform through APIs. Liquidity is key to the success of the platform and IC’s plan includes several aspects aiming to ensure accessibility to liquidity pools in association with the world’s largest cryptocurrency exchanges.

Under the IC Platform, a global network of cryptocurrency exchanges will be accessible to all participants. Providing access to all the major reputable and liquid exchanges worldwide, IC Platform will provide an unparalleled set of services to a diverse group of investors and token Issuers. IC aims to provide access to all the opportunities brought by the crypto economy revolution to investors and users all around the world.

A simple explanation of cryptocurrencies

A simple explanation of cryptocurrencies Imagine a world without money. Not easy to do. We've lived with money in some form or other since civilisation began. Money is a way of storing your hard work in a convenient way to exchange for someone else's hard work. We're so used to money in its modern day form that we don't spend much time thinking about it as a concept. Modern fiat currencies such as the US Dollar and the Great British Pound are based on trust. These traditional currencies are no longer backed by anything (the gold standard ended in the US in 1971 and the UK in 1931). Trust works well in very large, stable, economies, however most of the world is made up of poor countries with less stable economies. When a government is short of money, it is awfully tempting to print some more. The problem with printing more money is that the store of value is decreased with the increase of supply. Currency Traditional currencies are made of paper and metal, however in most developed nations people can exchange these currencies between themselves electronically by relying on a third party (a bank) to store ledgers of the money. The bank stores a Digital number (the amount of currency one person has) and they inform another bank that some of that money has been sent to someone else.

One ledger is decreased and another increased. All of the existing Digital exchange of money is done by third party trust in banks. The concept of a cryptocurrency is not just a way to transfer money between people, it is an entirely new way of thinking about money.

The reason we currently need banks to make Digital transfers is because of something called the Double Spending Problem. All Digital things can be copied. You've heard of the film industry suffering pirated movies.

The film industry has spent years and many millions of dollars trying to prevent it, but they have failed.

Digital things can be copied.

This means that in the past, any Digital currency suffered from the ability of users to "print more of it". The double spending problem is solved by cryptocurrency, and in solving it, has opened up a radical new way of thinking about store of value, trust and convenience.