Walletworks

INTRODUCTION TO COINO
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Coino by Walletworks is an innovative blockchain platform that allows building closed or open end-to-end blockchain solutions for enterprises, local governments, NGO's and private citizens. Coino provides a complete solution either as a service or as a server installation with system management tools and a crypto-wallet for users.

Coino offers the best synthesis of centralised rule-based management and blockchain based functionality, which can evolve in scale and functions, solving an ever-growing list of tasks.

Coino in brief
Coino blockchain platform is based on Coino Core, onto which functional modules are built. There are several pre-built modules of standard functionality, that allow for quick set-up of client systems. Client-specific functionality is implemented via additionally developed modules.
Coino integrates seamlessly with client's other systems: accounting, payment gateways, merchants, exchanges.

Coino advantage
Coino differs from other blockchain systems in that, that it provides centralised rule-based management of the entire client system, while maintaining full blockchain functionality. In this way Coino safely contains a whole range of risk factors that affect growth, stability, usability, and security of a blockchain system. The result of Coino deployment therefore is a dependable and secure blockchain product perfectly suited for enterprises and organisations.

Coino Core
The heart of any Coino system is a proprietary set of algorithms, which governs the blockchain system, guaranteeing integrity, transparency and trustability of each and every operation.
A blockchain system can be hugely variable. Coino Core is a system's universal central core that defines, upholds and enforces rules of the system. To use a human analogy, it is not dissimilar to one's set of unchangeable values and governing principles, according to which people choose to trust a person. Coino Core also supervises operations within the blockchain

system, in particular, automated contracting procedures, as well as all service and control operations.

Coino blockchain systems can be as diverse as one can imagine, but they all have the core, that guarantees proper functioning of the system – Coino Core.

PRODUCTS

COINO BASE

The basic Coino blockchain system contains as a standard these highly functional modules, built on Walletworks proprietary Coino Core.

1. Payment system

Crypto-vouchers
The payment system uses an implementation of crypto-vouchers, which is a unique service in the payment systems industry. A crypto-voucher is a special tamper-proof code that represents a monetary value, or an asset. Coino Base payment system generates these for transaction and storage of values. Crypto-vouchers can be transferred to any recipient via several means: mobile SMS, e-mail, chat message and even in a hand-written note. If the voucher is received, for example, in an email, the user will input the code string manually and have the assets on his account immediately.

Accepting retail payments
To a shop-owner Coino can help with accepting multiple means of payment via a special API.

Sending money over the telephone
With Coino Base there is nothing simpler, than to send money, any money via a mobile phone. It only necessitates to know the counterpart's mobile phone number and *voilà*! Coino users transact easily with their counter-parties in their phonebooks.

Immediate payments
Coino transfers arrive at the recipient's account in seconds and minutes, not days.

Transborder payments
Coino is very well positioned for carrying out transborder payments. Users can make fast and cheap payments to any location, wherever the system is present.

2. Currency exchange
Coino presents a simple and immediate way of exchanging various currencies. Coino can be connected to leading exchange systems to offer users highly competitive rates.

3. Crypto-wallet
Coino Crypto wallet is multifunctional tool for users. It can hold multiple crypto-assets, that have been pre-defined within the client's system. Coino guarantees that within the system

Coino wallets have 100% protection. Any crypto-assets are held in protected storage on a "cold wallet" with multi-sign verification.

COINO EXT(ended)

Brand name "Coino Ext(ended)" denotes tailored Coino systems with extended client-specific functionality,. Implemented via additional modules, extended functionality may include representation of diverse asset classes; execution of automated contracting procedures (commonly called "smart contracts"); execution of exchange transactions, that do not involve means of payment; or other requested features.

Coino Base is the beginning of a Coino client system. Solutions beyond that are actively developed by the development team. Walletworks welcomes interested parties to submit inquiries for their specific solutions.

BENEFITS

Direct benefits:
Coino blockchain system generally increases the efficiency of current business processes and enables fast development of new services based on automated contracting procedures:

- Reducing costs of business processes and transactions,
- Increasing eiciency and transparency of business processes,
- Shortening development cycles of new services,
- Automating AML and KYC policies.

Indirect benefits:
Future-proofing your business. Beyond the increase of efficiency Coino blockchain products provide long-ranging indirect benefits:

- Improving customer reach and connect,
- Opening new ways to build customer loyalty,
- Enabling value generation through customer involvement,
- Framework and toolset for new business development.

COINO FOR BUSINESS

In the contexts of local governance, business, non-government and even private circles, there are myriads of routine interactions and transactions that would benefit from the advanced features of the Coino blockchain system. Just ask us!

This is a partial list of industries, that are ready for Coino solutions:
• mobile operators
• retail, various
• distribution, wholesale
• local (mutual) energy grids
• local utilities
• credit unions
• rental

Some examples of situations, where Coino systems will make a change:

Situation 1

A farmer's cooperative introduces its own blockchain system, first for recording internal order flow and transactions, and further extending it to their customer base.

Situation 2

A regional government introduces a blockchain system for region's inhabitants, whose households generate renewable energy – people can now lend it to each other, they can sell energy locally or regionally and have their transactions safely recorded in the system.

Situation 3

A credit union moves all of its contracting to a blockchain system utilising smart contracts and automated payment control.

ABOUT WALLETWORKS

Our mission

We believe that our Coino blockchain systems will genuinely make people's lives better. Blockchain systems are far more than just transactional systems or speculative cryptos. They are becoming an element of infrastructure, doing good for the civilisation in many different ways.

We proudly offer Coino blockchain systems, that are easily scalable, have low entry costs and provide high value to customers. We can devise local, corporate and private blockchain systems, that automate and simplify a whole range of processes. Cost savings and benefits can go from reasonable to phenomenal.

Based on our analysis we believe there are myriads of routine interactions and transactions that would benefit from automation via Coino blockchain systems. Start small and see how it grows and captures trust of users and customers.

Who and where we are

Wallet works Ltd is a UK company established to promote Coino blockchain systems. The team consists of IT engineers and business managers, who have one common characteristic – the passion for blockchain systems. They believe that this technology provides a long awaited impulse for the civilisation to evolve further.

Coino systems development is carried out in Rapallo, Italy, Kyiv, Ukraine and Riga, Latvia. The engineering team has, in total, more than 17 man-years of experience with blockchain system development. The current result of their effort is Coino Core, on which Coino Base system is built.

Team members

Vilnis Vītoliņš – Founder an CEO
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Andris Romanovskis – Senior Strategist
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BACKGROUND INFO

Important things to know about blockchain systems

Blockchain is an unchangeable string of records, that everyone can trust. A blockchain system "works" with this string creating tamper-proof record system. That is in theory.
In practice "wild" blockchain systems, growing in size, become inefficient (slow and prone to errors) and rather inviting to criminal pursuits. To counter these problems, the best blockchain systems are already centrally managed. Coino development team went a large step further than that, by introducing Coino Core.
Blockchain
It is a record distributed and stored in many locations. Blockchain by itself is static and er... does nothing.
Blockchain system
What makes a blockchain valuable is a system, that "works" with it – by managing and recording events in the blockchain, distributing it for storage, ... and, if necessary, restoring records of events, thus proving them factual. The Coino blockchain system in large part consists of a set of automated procedures, that make this happen.
"Wild" blockchain system

Blockchain systems managed by majority, by consensus, competition etc. are all "wild" systems. These systems are in fact un-managed, – what takes place instead is exploitation. To create value, these systems rely on inefficient and energy-intensive Proof Of Work (POW) computations, and this paves the way for systemwide manipulations by cartels of largest players.

Managed blockchain system

Coino is an example of managed system. A managed system is developed to drive its long term mission, not some short term speculative effort. Managed systems are generally faster and more energy efficient, as they optimise computational load and data distribution. Managed systems are safer, than their "wild" relatives – e.g. in the Coino system there exists a core (Coino Core), that prevents system manipulations, bending of rules and human errors.

Blockchain system size

Does a blockchain system need to be huge to have an impact? Not at all! Depending on its aim, a system can begin on a very small scale and grow organically with its user base, and then shrink if need be. As long as the sound governing structure is preserved, the system can be sized flexibly.

Blockchain system management

Is centralised management of a blockchain system good? To drive its mission, to be compliant and to prevent criminal activity, not to mention system performance control, it is necessary to have a measured central management of the system. In the case of small scale blockchain systems benefits of a central managing structure definitely outweigh those of complete decentralisation. Importantly, for a system of any size – its mission defines the role of central authority.