



Defense

Whitepaper

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Defense

1. GENERAL INFORMATION

Defense is a simple and reliable way to exchange, transfer and store cryptocurrencies. We want to make the process of using cryptocurrencies understandable for any user. Now, to buy cryptocurrency you just have to send a file. Defense provides a way to securely store and transfer cryptocurrency, buy it and sell it.

What kind of issues does Defense solve?

All existing solutions for transferring and storing money have their weaknesses. Online wallets are subject to hacking, fraud, governmental regulation, etc. Offline wallets require lengthy synchronization. Also there is a problem common for both online and offline wallets — the speed of transaction processing.

Defense facilitates interaction with cryptocurrencies. To ensure the security and high speed of transactions, and to offer the community a universal solution for all cryptocurrencies, we have developed the concept of the DefenseBox container. DefenseBox is an encrypted file containing cryptocurrency.

The Defense software suite supports DefenseBox containers and their transactions and transfer operations. The suite consists of four key elements:

- defensebox.io
- DefenseWallet for PC
- DefenseWallet for MOBILE
- DefenseNet



Defense

2. UNIQUE ADVANTAGES OF DEFENSEBOX

EASE OF USE

It is easy to transfer and store because it is a regular file that can be transferred outside of blockchain.

SECURITY

You can open the content only by knowing the password that can be added to DefenseBox.

TRANSPARENCY

An open DefenseBox can be loaded into DefenseBox or DefenseWallet and you can find out exactly what is inside. Key data is stored on the DefenseNet blockchain. If you do not have a password, you will not be able to access the content.

ANONYMITY

DefenseBox does not contain data about its creator and can be opened anywhere in the world. To buy or sell cryptocurrency packaged in DefenseBox, you don't have to create an account or wallet. And if you use a private DefenseBox, the content will be completely hidden.

OPENNESS

All the software has open source code that will be posted on GitHub.

3. DEFENSE COIN

The Defense coin (DFS) is an infrastructure coin that will be used to pay Defense fees for transactions. Between 25% and 35% of the coins that are accepted as payment will be burnt. Most of the remaining coins will accumulate on the Defense account and will not be sold on the market. Some Defense services will be paid for in fiat currency; this will allow us to fund the operational costs of the platform. Thus, with the growth of the platform's turnover, the total demand for the Defense coin will always be greater than the sum of the supply.



Defense

4. DEFENSE BOX

We provide the broadest possible list of DefenseBox with predetermined values in order to speed up transactions within Defense. To this end, a reserve fund will be established in cryptocurrency and fiat to ensure the necessary level of liquidity for the Defense system.

DefenseBox is a container which can contain only one kind of cryptocurrency. Buying a DefenseBox is the easiest and cheapest way to buy cryptocurrency for fiat. The user only has to choose the cryptocurrency they want to buy in the DefenseBox container and its amount. All the rest will be done by Defense itself.

A user can choose to buy a DefenseBox with a certain predetermined value inside (for example, 0.1 ETH, 0.05 BTC, 0.1 ETC) or any value of their own choosing. In the first case, the transaction is performed instantaneously - the user receives a DefenseBox that was previously created on Defense. In the second case, the transaction is completed after the network confirms it.

DefenseBox is not only the simplest and fastest, but also the cheapest way to buy cryptocurrency for fiat. The user pays for cryptocurrency in fiat at the current exchange rate + Stock Commission and Commission for transferring cryptocurrency + Defense Commission. However, the Defense Commission is minimal; it is only 0.05% of the transaction amount. This revenue allows us to fund the further development and maintenance of the platform's operational capability. Thus, in essence, DefenseBox allows for the purchase of cryptocurrency almost at cost (the user would still pay stock fees on the stock market).



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5. DEFENSE NET

DefenseNet is the Defense Blockchain is implemented on the Bitcoin basis, that is it includes all of its own functions. The DefenseNet Blockchain will be based on nodes which are the backbone of the network, provide a stable network, perform a variety of service functions (for example, guaranteeing the security and timely issuance of a key from the internal content of the DefenseBox during unpacking).

A node can be run by any owner of Defense coin who packed 1,000 DFS into a special DefenseBox loaded onto the service. The remuneration for nodes will be based on 80% of Defense Blockchain revenue nominated in DFS and distributed equally among nodes. We believe that the possibility to take the role of node to participate in revenue distribution for the project will spur demand for DFS and will increase its exchange rate value. For more information about Defense revenue, see the chapter "The Economy of Defense".



Defense

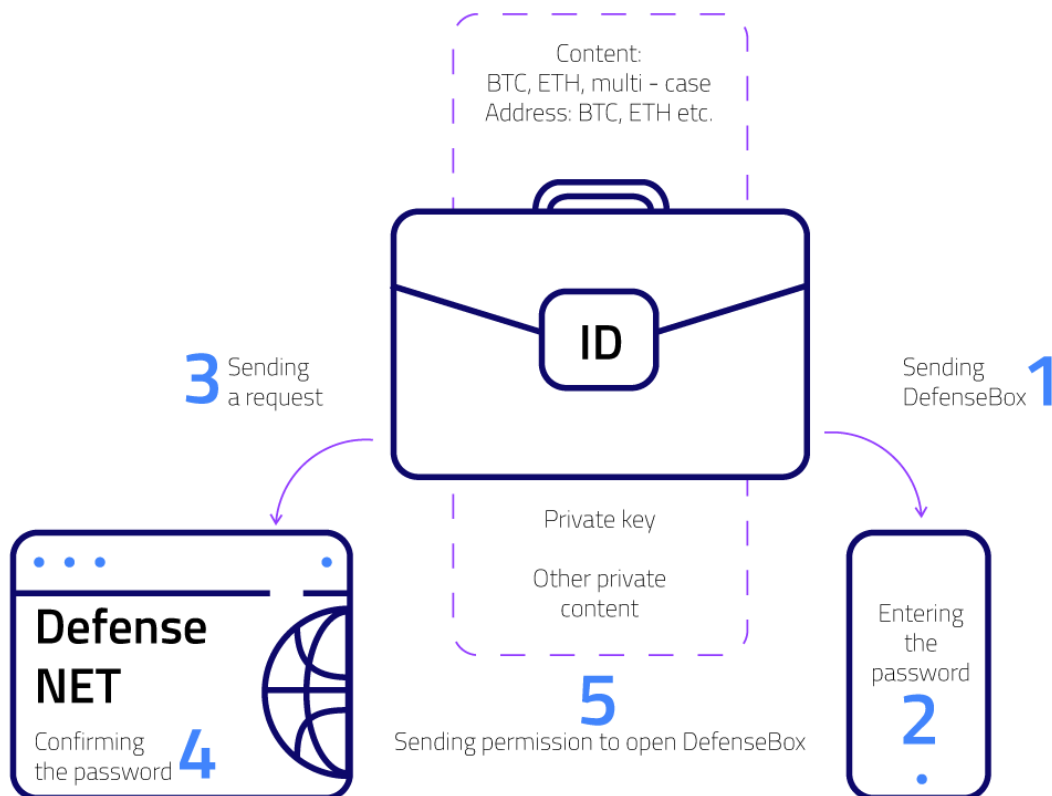
6. DEFENSE TECHNICAL FEATURES

Key technical details allowing for better understanding of the DefenseBox features are presented hereinafter. Further details can be found in the technical documentation.

Open DefenseBox content includes metadata on the DefenseBox contents, including addresses of wallets where the funds are kept. This ensures that a stated amount of currency is present in DefenseBox.

Encrypted contents contain the private key for opening DefenseBox. In order to decrypt the content, the program needs a password consisting of 2 parts: the password (generated in the user's browser when creating or buying DefenseBox) and the key (to open the encrypted content, this is stored on the DefenseNet nodes and is sent to the program when a user wants to unpack the container).

SCHEME OF WORK DEFENSEBOX





Defense

7. SECURITY

We pay maximum attention to the safety of the user's assets. This is one of our key advantages.

The Defense platform is a decentralized service, thanks to which any potential unauthorized access to any infrastructural elements will not allow access to DefenseBox content. The following cryptographic algorithms are used for encryption: AES-256 and ECC- Secp256k1 . These algorithms provide robust protection for DefenseBox files from local bruteforce.

All the system components are opensource-solutions whose source code will be available on GitHub and can be audited by anyone.

Interaction between microservices whose API is presented as REST (for example, JSON-RPC) is carried out using only HTTPS with a trusted, signed SSL certificate.

8. ICO

By developing Defense, we are trying to create a service that will be useful and required both for new comers to the crypto market and for the existing community. So in 2018, when it became clear to us that additional funding would be needed to implement our platform-wide functionality, we decided to offer it to the whole community instead of a limited list of venture funds. Participating in the Defense ICO, the community will participate in the future growth of a project which is also designed for their own needs.



Defense

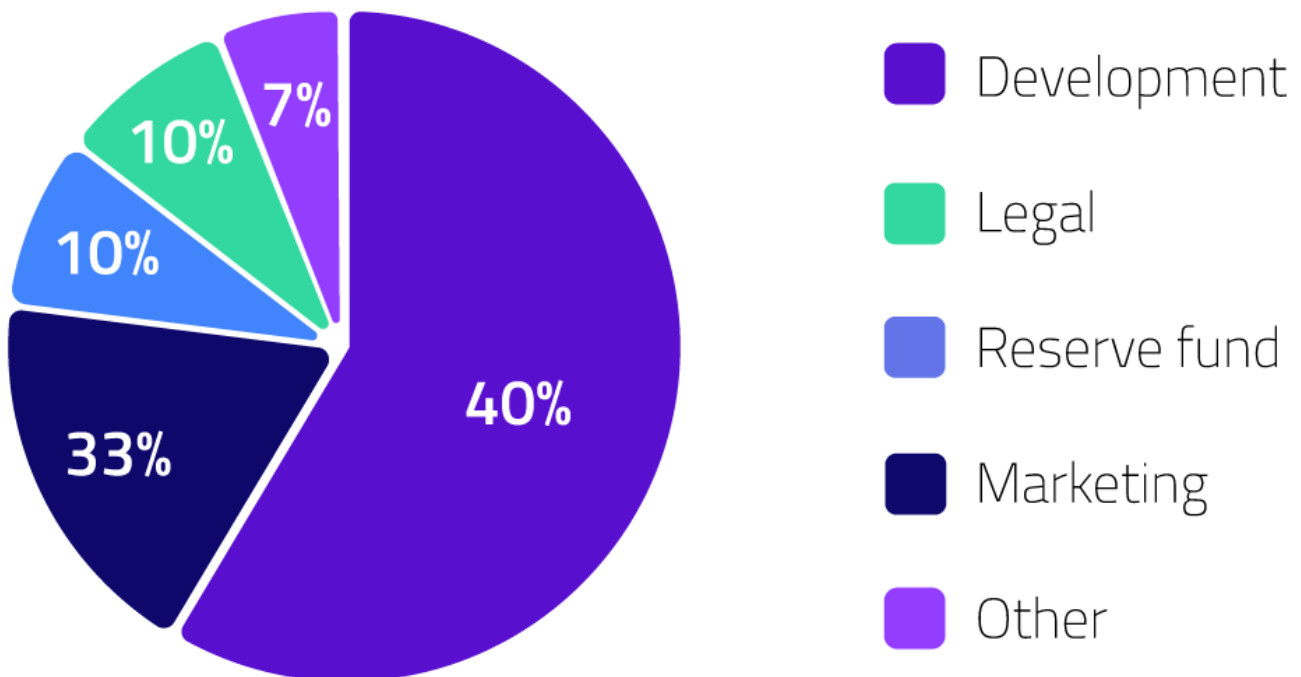
9. ECONOMY OF DEFENSE

40% of the resources attracted are planned to be spent on product development. About 30% of this amount will be spent on purchasing the necessary equipment, and 70% on the work of our internal team and third-party developers.

10% of the funds attracted are for legal services. We understand that regulation of the cryptocurrency market can change very quickly and in diametrically opposed directions depending on jurisdiction. Therefore, decisions will be taken by engaging experienced lawyers in the most pro-crypto industry countries at the time.

33% of the funds attracted are for the cost of active marketing in the first three years of the platform.

FUNDS ALLOCATION





Defense

#01

Stage

INCEPTION

- Whitepaper release
- Wallets release
- Exchange fast listing
- Masternodes.online
- Masternodes.pro
- Masternode sale



#02

Stage

MARKETING

- Community bounties & airdrops
- Partnership with masternode services
- Social Media advertising
- Coinmarketcap.com
- Coinlib.io
- Coingecko.com
- Coincodex.com
- Get Delta App
- Blockfolio App
- WorldcoinIndex.com
- Livecoinwatch.com



#03

Stage

DEVELOPMENT

- Launch Defense Lab + Defense Box
- Defense Wallet with Defense Box
- Defense mobile wallets
- Defense website update
- Defense Box web plugin
- Defense Net
- Smart Contracts



#04

Stage

PROJECT LIVE

- Launch Full version of Defense Wallet
- Legal Representation
- Ongoing business development
- Partnerships
- Participating in Crypto Conferences and Events





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11. DFS SPECIFICATION

Ticker	DFS	Period	From block	To block	Reward	MN collateral
MN Collateral	1000-5000 DFS	3 days	0	5000	0.1 DFS	1000 DFS
MN Reward	80.00%	1 week	5000	15000	9 DFS	1000 DFS
Staking	20.00%	1 week	15000	25000	8 DFS	2000 DFS
Maturity	20 blocks	1 week	25000	35000	7 DFS	3000 DFS
10 years supply	9574998 DFS	1 week	35000	45000	6 DFS	4000 DFS
		1 week	45000	55000	5 DFS	5000 DFS
		1 week	55000	65000	4 DFS	5000 DFS
		1 week	65000	75000	3 DFS	5000 DFS
		∞	75000	-	2 DFS	5000 DFS