



PADLOCK

*Decentralized communications and security solutions.
A revolution in the communications field.*

WHITEPAPER V.2.3

<https://padlocktoken.io>





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PadLock token holders understand and confirm that, by purchase of PadLock, they act with the sole purpose of supporting the development of PadLock DApps, in good faith and knowingly waive their contribution in exchange for the token. Padlock is not to be perceived as an investment opportunity and its aim is not to gain the token holder passive income.





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ABSTRACT

The digital world has offered so many advantages that the digitization of data and communications has become fast, consistent, and a growing trend. Although digitization provides advantages in cost and convenience there are also major concerns about data privacy. The ability to copy, share and manipulate data has raised questions about the security of personal data and communications. Regularly, profile hacks and personal data leaks, where unencrypted data is lost or gone away in the wrong hands, occur. The consequences of leaks or breaches are severe for both individuals and organizations. Blockchain offers an enthralling solution to the problem of joining accessibility with privacy and security. Using end-to-end encryption, transactions of any kind can be held securely and still will be authenticated, referenced, and documented. This approach has become reality by coupling cryptographic techniques with the use of blockchain technology and smart contracts.

The main technology behind the development and success of cryptocurrencies is blockchain technology. This modern technology works on the principle of decentralization. It provides better security, safety, and privacy. It reduces the risk of data lost and allows transparency with the key feature of decentralization, solving the problem of security and confidentiality threats.

Padlock is a distinctive and unique concept of blockchain platform which is community driven, with no involvement of third parties nor centralized bodies, for the effective security and communications. With the aim to provide a secure environment both for personal and enterprises digital communications, to protect its users' assets, to guarantee the ownership of their data and to securely store digital data preventing any leaks, PadLock is developing a platform of decentralized communications and security software applications (DApps).

INTRODUCTION



The modern platforms of the internet and social media sites including Facebook and Google, among others, are publicly open. The way they treat data can impact people's lives. By operating through a centralized body, they have control over the data flow and information of their users.

The blockchain universe, including cryptocurrencies, is a breeding ground for new decentralized and innovative systems that will bring solutions to some of the most important issues of our society, also in the digital communications field. The team behind PadLock wants to lead the way in this new ecosystem helping bridge the power of crypto with the challenges of online communications. To achieve this goal, the PadLock team is developing software applications to ensure secure data ownership in a decentralized way, to connect the world without intermediates benefiting the end-users of all types of communications.

Decentralization holds the key to empowering people around the world to better safeguard their rights, that's why we are helping the world move in this direction, by accelerating this transition and the adoption of blockchain and cryptocurrencies.

With the introduction of Ethereum stateful accounts, a whole new dimension was added, by protecting the storage space associated with these accounts - referred too as Smart Contracts. Now that Binance Smart Chain exists, the use of Smart Contract has increased avalanche-like. PadLock DApps and its token run on Binance Smart Chain BSC (BEP-20).

COMMITMENTS



MISSION

our goal is to create a next generation of online communications services through decentralized applications to secure data ownership and connect the world without intermediates. PadLock aims to make communications truly accessible to every person and company, regardless of its provenance, technical background or crypto experience.

More specifically, PadLock DApps will remove the lack of security in online communications, the lack of bad infrastructure of owners, the easy access to third parties to personal data, the lack of ownership of the own data, the lack of trust in online transaction and information sharing, the lack of confidentiality, the obligation to accept a central body conditions to use its service and the lack of anonymity.



VISION

we envision a platform that safeguards, protects and preserves our users' rights, providing a secure environment both for personal and enterprises communications, guaranteeing the ownership of their data and securing its online storage, providing a secure environment preventing leaks and malicious attacks such as viruses.



PROPOSITION

PadLock DApps will range from text messaging, to voice and video calls, file transfer and email communications, stablishing a decentralized platform where its users are owners of their data, avoiding any central authority or control of their transactions.

ECOSYSTEM

THE TECHNOLOGY BEHIND PADLOCK

Like most of the famous tokens of the digital world, PadLock token is based on blockchain technology. As an emerging digital technology, blockchain technology has many advantages over conventional technologies, with diverse applications in multiple fields. It has some unique characteristics like decentralization, safety, security, and transparency. Providing high-level security and safety to its users.



Therefore, almost all cryptocurrencies are based on blockchain technology. This technology is providing extra security sheets and transparency for businessmen and their spending without the risk of failure or hijacking. Hijacking and robbery are the main drawbacks of traditional banking systems in the online word. Blockchain technology removes these issues through cryptocurrencies and provides better security for traders.

BINANCE SMART CHAIN

PadLock token, a BEP-20 token, runs on the Binance Smart Chain (BSC), a sovereign blockchain that was developed as a means of utilizing solidity-based smart contracts with much greater speed and efficiency than other, competing chains.

With decentralized exchanges on BSC offering lightning-fast swaps and extremely low fees, BSC has started to become one of the most widely used blockchains for Decentralized Finance (Defi). BSC uses a token protocol developed by the Binance Team called BEP-20.

BSC serves PadLock DApps to work peer to peer (P2P), without any centralized body behind them, ensuring safety of data and data ownership.



TOKENOMICS

LAUNCH PHASES

1

Private Sale

- Managed by PadLock team.
- Min. contribution: 50BNB
- Max. contribution: 150BNB
- Discount: 20% on market listing price.

Token Detail



Token name: **PadLock Token (\$PDL)**



Chain: **BEP-20.**



Maximum supply: **60.000.000**



Liquidity Pool locked: **until 2030.**

2

Pre Sale

- Available at: through form registry in the website

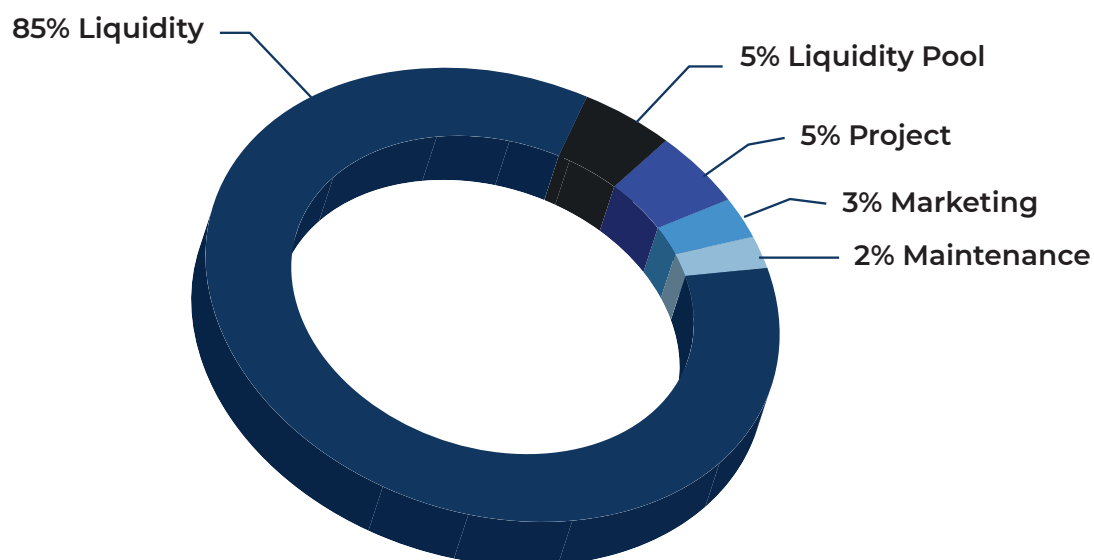
- IEO done through Coinsbit Exchange.
- Smart contracts audited by Coinsbit.
- Discount: 10% on market listing price.
- Available at: Coinsbit Exchange.

3

Market Listing

- Token listed at Coinsbit Exchange.
- Also available at PancakeSwap and PooCoin.
- Smart contracts audited by Coinsbit.

FUNDS ALLOCATION



85% Liquidity: circulating funds for the token to work in the market.

5% Liquidity Pool: a 5% of each transaction will be added to the Liquidity Pool and locked.

5% Project: dedicated to the team developing the communications DApps and implementation of new functions.

3% Marketing: marketing campaign, including social networks, PR and influencers, to promote PadLock token and its DApps.

2% Maintenance: IT structure and maintenance.

DAPPS

What is a DAPP

A decentralized application (DApp) is an application built on a decentralized network (blockchain network) using smart contracts. It combines a frontend user interface with a backend code running on a decentralized peer-to-peer network.

- ☒ **Decentralized**
means that they are independent. There's no central body that controls the information and transactions.
- ☒ **Deterministic**
they perform the same function irrespective of the environment they are executed.
- ☒ **Turing complete**
given the required resources, the DApp can perform any action.
- ☒ **Isolated**
executed in a virtual environment so that if the smart contract happens to have a bug, it won't hamper the normal functioning of the blockchain network.

DApps benefits

- ☒ **Zero downtime**
once the smart contract at the core of an app is deployed and on the blockchain, the network as a whole will always be able to serve clients looking to interact with the contract. Malicious actors therefore cannot launch denial-of-service attacks targeted towards individual DApps.



Privacy

you don't need to provide real-world identity to deploy or interact with a DApp.



Resistance to censorship

no single entity on the network can block users from submitting transactions, deploying DApps, or reading data from the blockchain.



Complete data integrity

data stored on the blockchain is immutable and indisputable. Documents stored on the blockchain are duplicated several times to ensure the restoration of data in case of any data loss and malicious actors cannot forge transactions or other data that has already been made public.

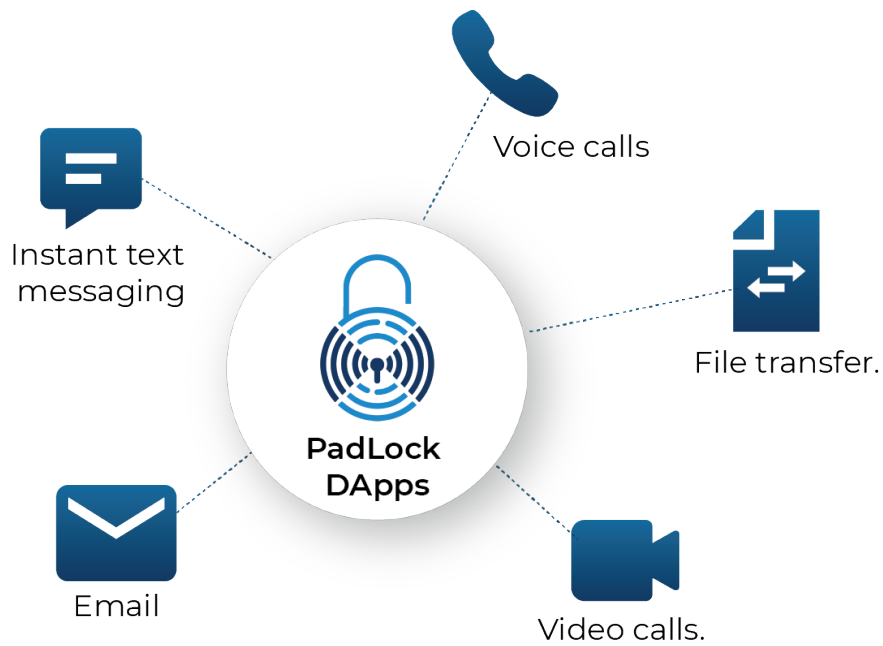


Trust-less computation & verifiable behavior

smart contracts can be analyzed and are guaranteed to execute in predictable ways, without the need to trust a central authority. This is not true in traditional models; for example, when we use online banking systems, we have to trust that financial institutions will not misuse our financial data, tamper with records, or get hacked.

PADLOCK DAPPS

The following DApps are included in the PadLock Roadmap from 2022 to 2023. PadLock will continue developing other communications and security solutions after this period linked to transactions, IoT features, log in systems...



Features

- ✓ Access to all functions through a single DApp platform.
- ✓ Unique secure ID using smart contracts. No phone nor email requirements to log in.
- ✓ Encrypted data.
- ✓ Avoid data loss and ensure data ownership.
- ✓ File transfer using smart contracts. No size limit for file transfers.
- ✓ Lower storage needs.
- ✓ Avoid viruses and hijacking.
- ✓ Direct communications. Without interruptions.
- ✓ Available in multiple languages.

ROADMAP

Q3 2021

Token development & launch:

- Set up wallets
- Development of Pre sale stage

Marketing & comms:

- Website launch
- Launch of Discord public server
- Launch of Telegram public group
- Social media accounts creation
- Influencers' campaign
- PR campaign



Q4 2021

Token development & launch:

- Private sale stage
- Pre sale stage
- Tokenomics analyzed
- Audit report by Coinsbit

DApps development & launch:

- DApp platform development

Marketing & comms:

- Influencers' campaign
- PR campaign





Q1 2022

DApps development & launch

- DApp platform development
- DApp for text messaging development
- DApp platform launch
- DApp for text messaging launch

Marketing & comms

- DApp website launch
- Additional content release
- Influencers' campaign
- PR campaign



Q2 2022



DApps development & launch

- DApp for voice calls development
- DApp for voice calls launch
- Update of the DApp for text messaging

Marketing & comms:

- Additional content release
- Influencers' campaign
- PR campaign





Q3 2022

DApps development & launch

- DApp for video calls development
- DApp for video calls launch
- Update of the DApp for text messaging
- Update of the DApp for audio calls.

Marketing & comms:

- Webinars
- Influencers' campaign
- PR campaign



Q4 2022



DApps development & launch:

- DApp for file transfer development
- DApp for file transfer launch
- Update of the DApp for text messaging
- Update of the DApp for audio calls
- Update of the DApp for video calls

Marketing & comms:

- Webinars
- Influencers' campaign
- PR campaign





2023 onwards

DApps development & launch:

- DApp for Email system based on Blockchain development
- DApp for Email system based on Blockchain launch
- Update of the DApp for text messaging
- Update of the DApp for audio calls
- Update of the DApp for video calls
- Update of the DApps for file transfer



Marketing & comms:

- Webinars
- Influencers' campaign
- PR campaign

CONCLUSION

The world of digital assets is getting popular among the general public, with the advancement of the global village concept, providing extra privacy and security. Within this scenario, Crypto tokens are one of the most famous digital assets. That's why PadLock is also there in the rapidly expanding crypto world, with the unique aim to provide secure data ownership in a decentralized way. We have a fast and secure blockchain, which has proven itself for several months. We are sure that the maximum payout rate of which is a key success factor.

This Whitepaper presents PadLock project and its objectives with the aim to provide any interested party with the distinctive features that, in our opinion, will lead to success, taking our DApps to a leading position

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