

# Dmail Network

Use Web3 Not Gmail

# Vision

Dmail is the first mailbox system that uses Web3 technology 100%, and each mailbox is actually an NFT.

Our mission is to lower the barriers for users to enter the blockchain world and let users use blockchain like the Internet.

Dmail can send and receive emails with traditional mailboxes, becoming the basic gateway for the blockchain world and connecting to the traditional world.

# Problem

## Service sustainability

Traditional mailbox relies on the continuous operation and maintenance of the development company, so it cannot be available forever.

## Identity ownership platform

Personal email and data actually belong to email and domain name companies.

## Security risks

Traditional mailboxes have security risks such as privacy and information leakage.

## Ecological closure

Each mailbox can only use its own service, users have no choice.

## Advertising overload

Email teams commercialize email for free in order to make money, resulting in spam overload.

# Solution

## Web3.0

A mailbox that provides permanent services and does not use a centralized server.

## Community determines product

Allows users to determine mailbox functions through community autonomy.

## Privacy protection

Using VRF (verifiable random function), BLS (non-interactive threshold signature) and container technology on Dfinity to protect user mailbox security.

## Business innovation

The mailbox domain name becomes an open NFT market with continuous profitability and does not need excessive commercial advertising.

## Prevent abuse

Create a proper marketing email system through an on-chain mechanism.

# Market



30 times

On average, a business cooperation in western countries requires more than 30 times of email communication



30 billion

There are now more than 30 billion registered email addresses



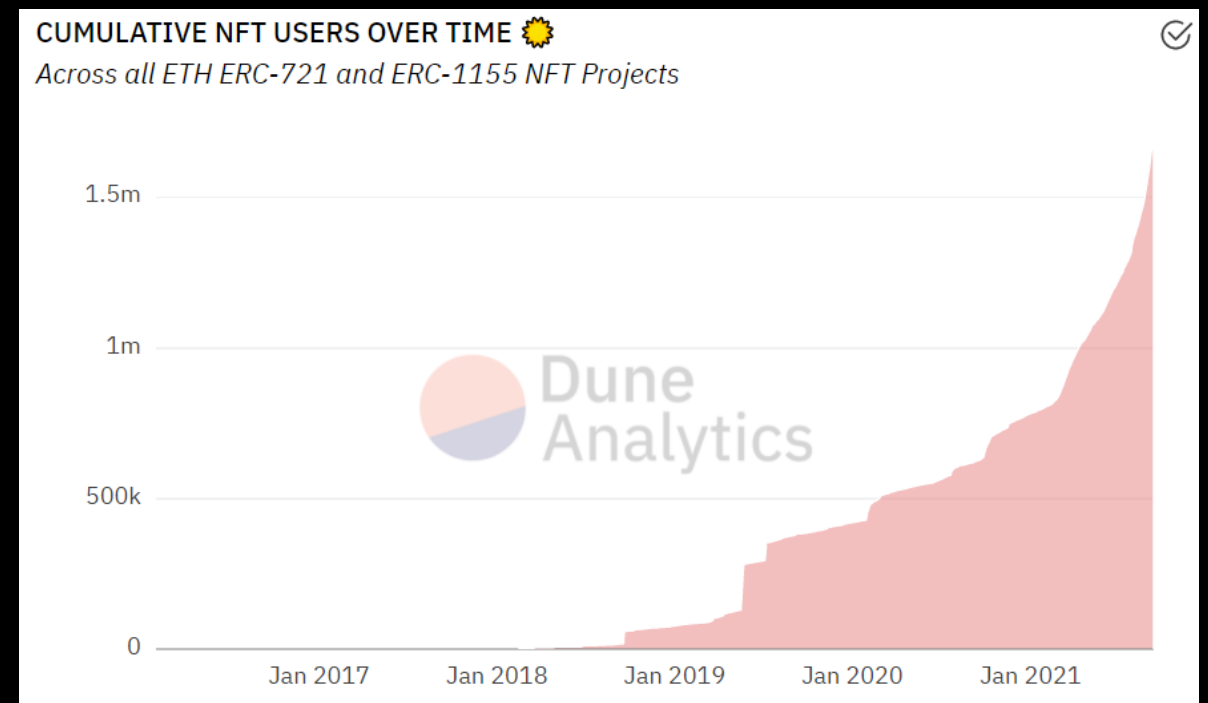
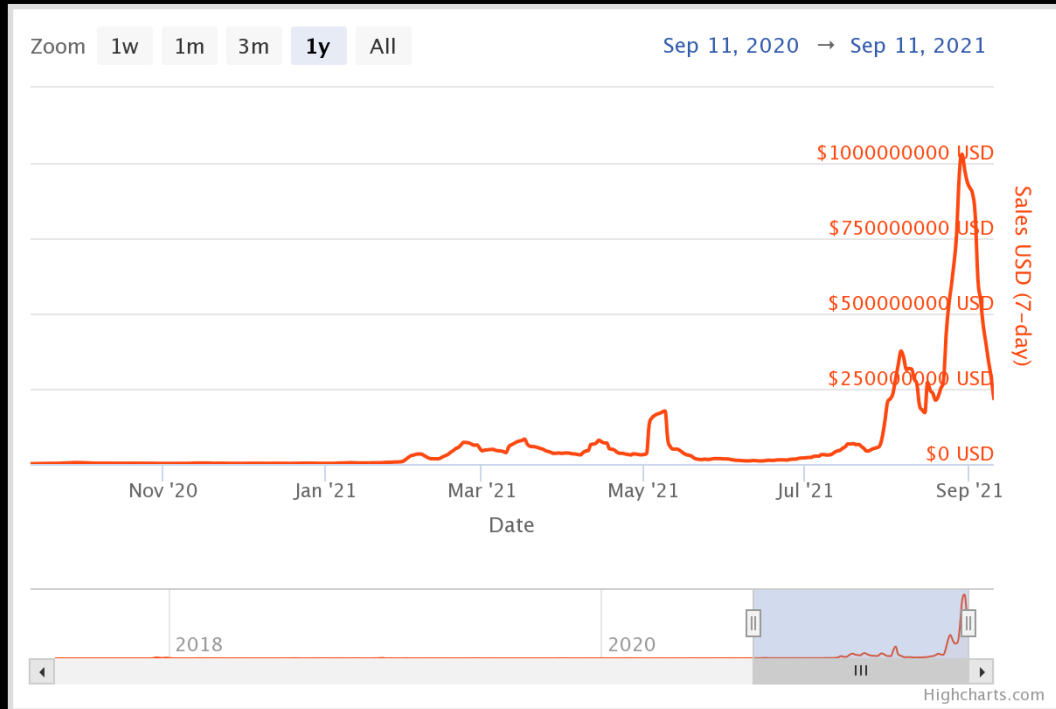
50 million

More than 50 million emails are sent around the world every day

As an app with huge market prospects, you can see the market prospects by looking at the numbers below.

According to CMC data, there are more than 500 million blockchain addresses, and the daily active data of the head exchanges are basically more than 10 million. However, for users, blockchain addresses are not useful except for transfer.

# Market



In 2021, the NFT market saw explosive growth. According to Non-fungible.com, the NFT market reached a record 1.5 million cumulative participants this year, with weekly transactions peaking at more than \$1 billion.



# Function



## **Mailbox address is NFT**

Let the mailbox name have the property property



## **Mailbox function**

Covers the basic functions of the traditional mailbox, and can send and receive each other with the traditional mailbox



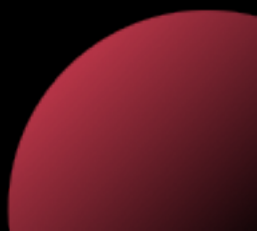
## **Web3 full stack**

No servers, all infrastructure uses the Web3.0 protocol



## **Data sovereignty**

The mailbox data belongs to the user, and the private key holder is the owner



# Email address is NFT

In Dmail, we extend the representation of NFT, so that every mailbox is an NFT. Since then, email has become more than just a communication tool, it has become a valuable asset. In general cognition, NFT is only of collection value.

Dmail's NFT encrypted mailbox has both collection and practical dual attributes. Dmail's NFT encrypted mailbox can be exchanged with any mailbox; At the same time, the email accounts registered by users can become NFT assets to be traded in the market at any time, and some email names with special meanings have higher market value.

Dmail email accounts can be traded in the market at any time. Dfinity's technical features ensure that the information in the email is separated from the email name, so that users' privacy is not compromised.



# NFT encrypted mailbox

## Ownership Transferable

Users can make multiple transactions of NFT encrypted mailboxes in the market.

## Unique

Each email address contains a Unique piece of identifying information.

## Rarity

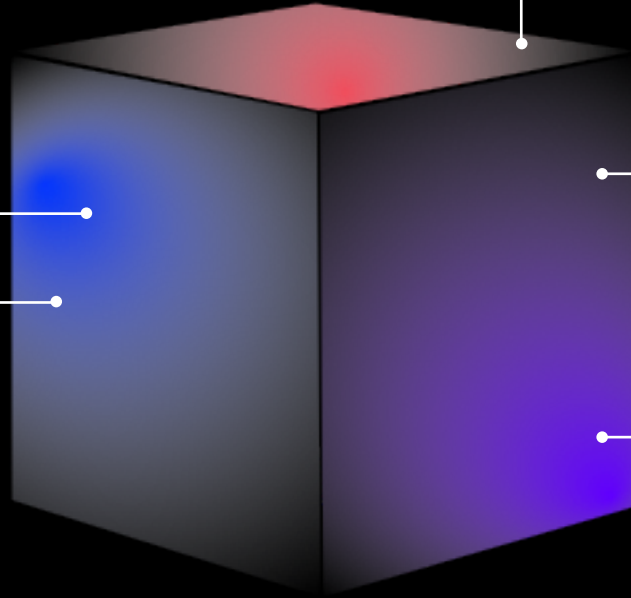
The number of small - digit and special - meaning email addresses is extremely limited.

## Indivisibility

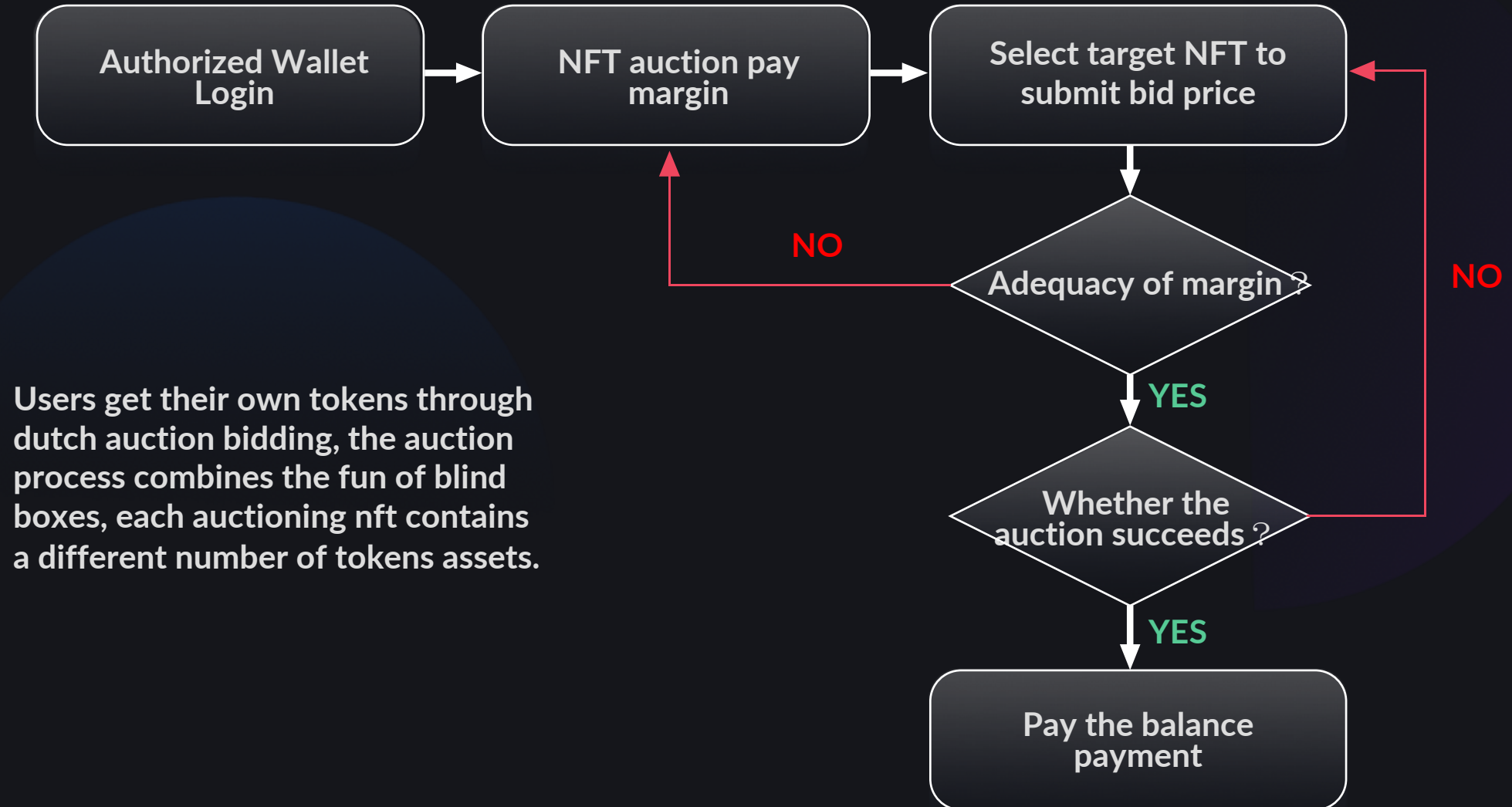
NFT can only be traded as a whole.

## Fun

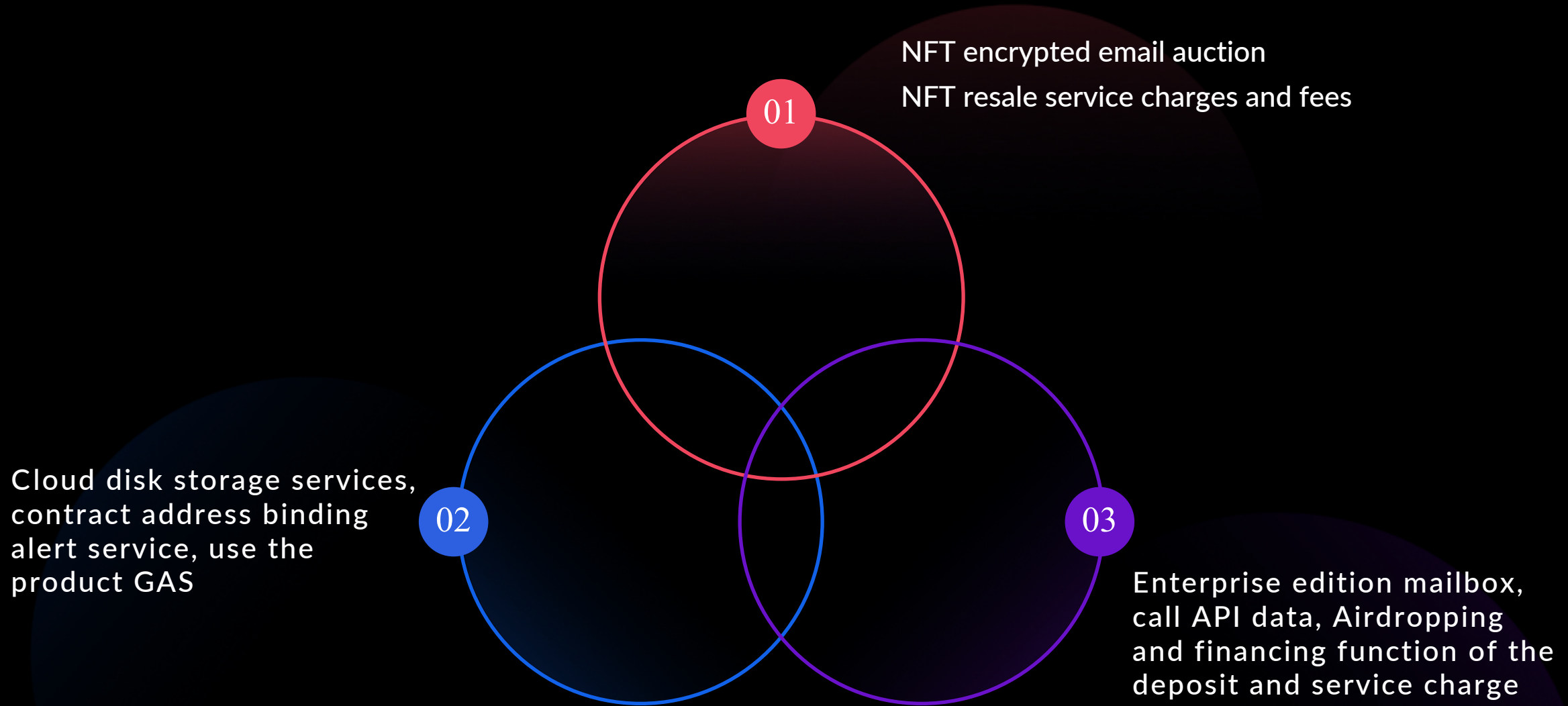
Blind boxes with different asset values in each specific mailbox are obtained by Dutch auction.



# NFT Auction



# Monetization



# Key utilities

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## Community governance

- Platform tokens are required for proposals and votes required to participate in community governance

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## NFT function

- Email name auction
- NFT asset resale fees and commissions

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## Staking、DeFi function

- Reward for mortgaging assets or participating in liquidity mining
- Traders, liquidity providers, partners and other incentives

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## Airdrop function

- Hold platform token and get rewards such as airdrop
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# Key utilities

## Email function

On-chain cloud disk storage service

Enterprise Email

Call platform APIS or data

## Margin

Subscribe to push information

Participating in financing projects by IMO

Accept the airdrop

## IMO Function

Token holders can participate in the platform selection of high-quality projects, innovation, IMO and other functions

The participation level is determined by the number of tokens held on the platform

# Congeneric product

## Features



Dmail



Gmail



Protonmail

Basic Functions of Mailbox



Web3.0



Encrypted & Privacy transmission



NFT encrypted mailbox



Users have data sovereignty



Decentralized servers



Function of assets



DApps subscription and push



Financing Function (IMO)

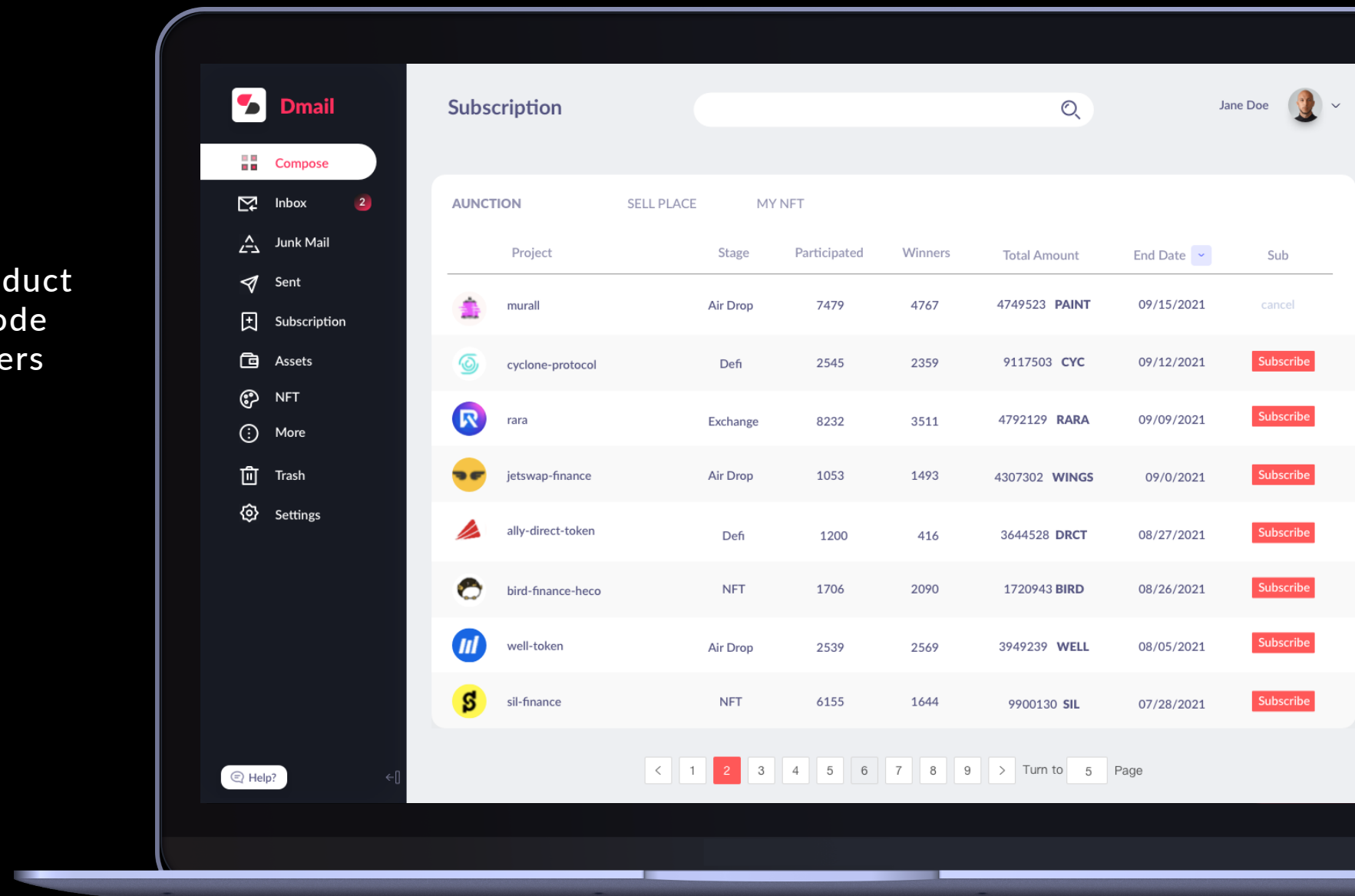


Mailbox receives airdrop



# Product

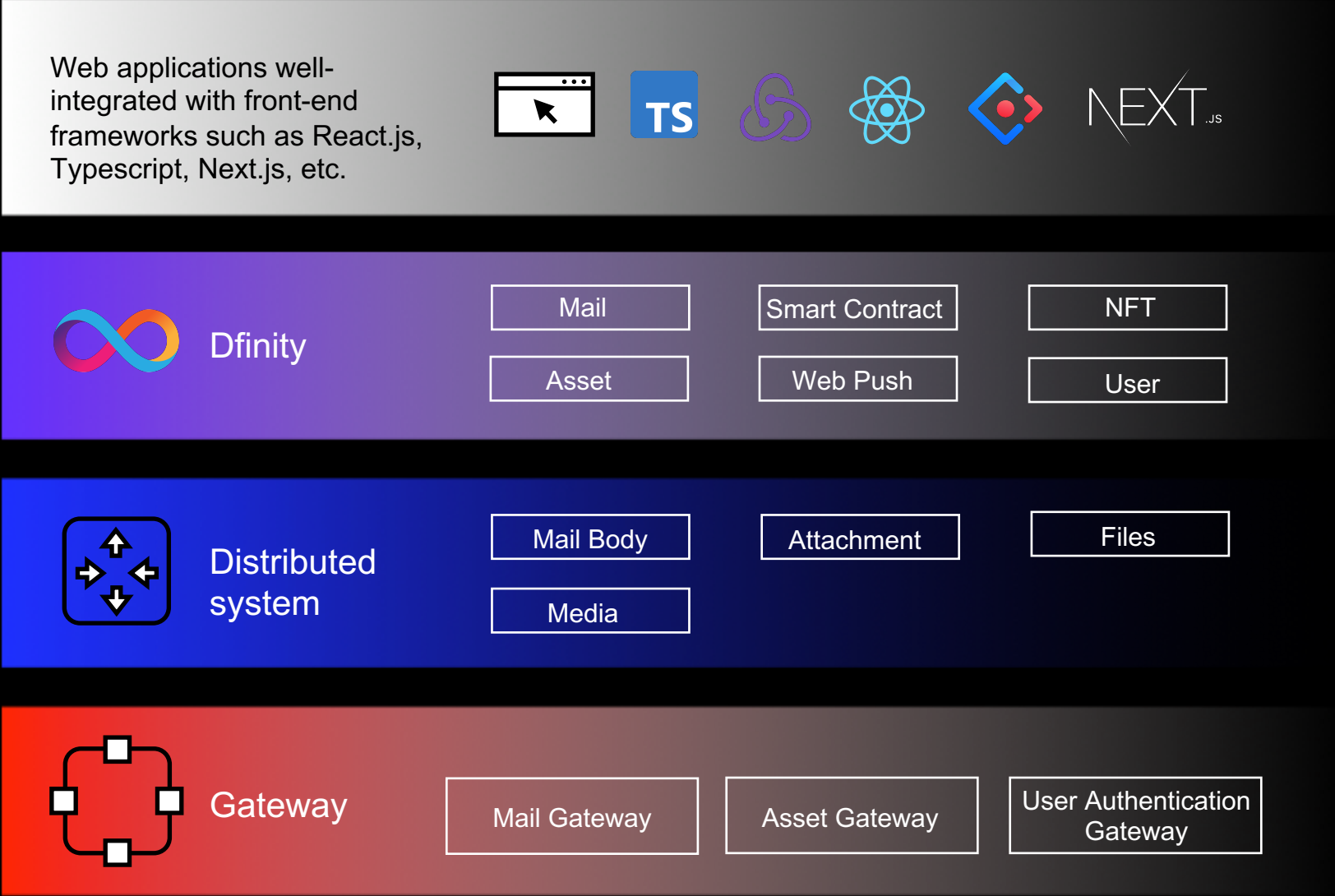
We plan to launch our beta product in Q3 2021, open source our code on Github, and update developers on Twitter and Medium.





# Technical architecture

Dmail and Dfinity canister implement distributed storage and smart contract, external mail send and receive through the component gateway.



# Roadmap

2021 Q2

- Start project
- Dmail demo
- Dfinity identity
- Github

2021 Q4

- Mailbox base
- Subscription
- Testnet
- Bounty
- Website
- Airdrop
- NFTs Auction
- Community AMA

# Roadmap

2022 Q1

- Review application
- Open API
- Wallet assets
- Group push
- DApp
- Drive
- Mail business version
- Assets management

2022 Q2

- Initialization core assets
- DAO
- IMO
- NFT
- More DApps
- Mainnet

2022 Q3

- News
- Cross-chain
- Dfinity core exchange

2022 Q4

- Assets exchange
- More cross-chain

# Team

## Mittal S

Co-founder at Dmail Network, continuous cycle entrepreneur, 8 years of blockchain work experience, passionate about innovation in the crypto world.

## Lucas L

Co-founder at Dmail Network, with 4 years of blockchain work experience, he has set up EOS super nodes and served as the core developer of TRX DApp.

## Alpha F

Product Developer at Dmail Network, Served as one of the top 10 global exchanges, over 4 years experience in product and operation design.

## James W

Chief Technical Architect, former TRX DApp core developer and infrastructure leader, has rich of experience in mailbox R&D and NFT development, and is proficient in RUST/C/C++/MOTOKO and other languages.

## Tino W

Marketing Manager at Dmail Network, Served as a well-known blockchain media, once provided marketing services for Binance, Okex, Bybit, METIS, WOZX, etc.

# Contact

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please check out the following links



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