

Community-build **dMail & dChat**  
**Supper App** perfectly aligned with  
decentralized fundamentals.

[app.the4thpillar.io](https://app.the4thpillar.io)



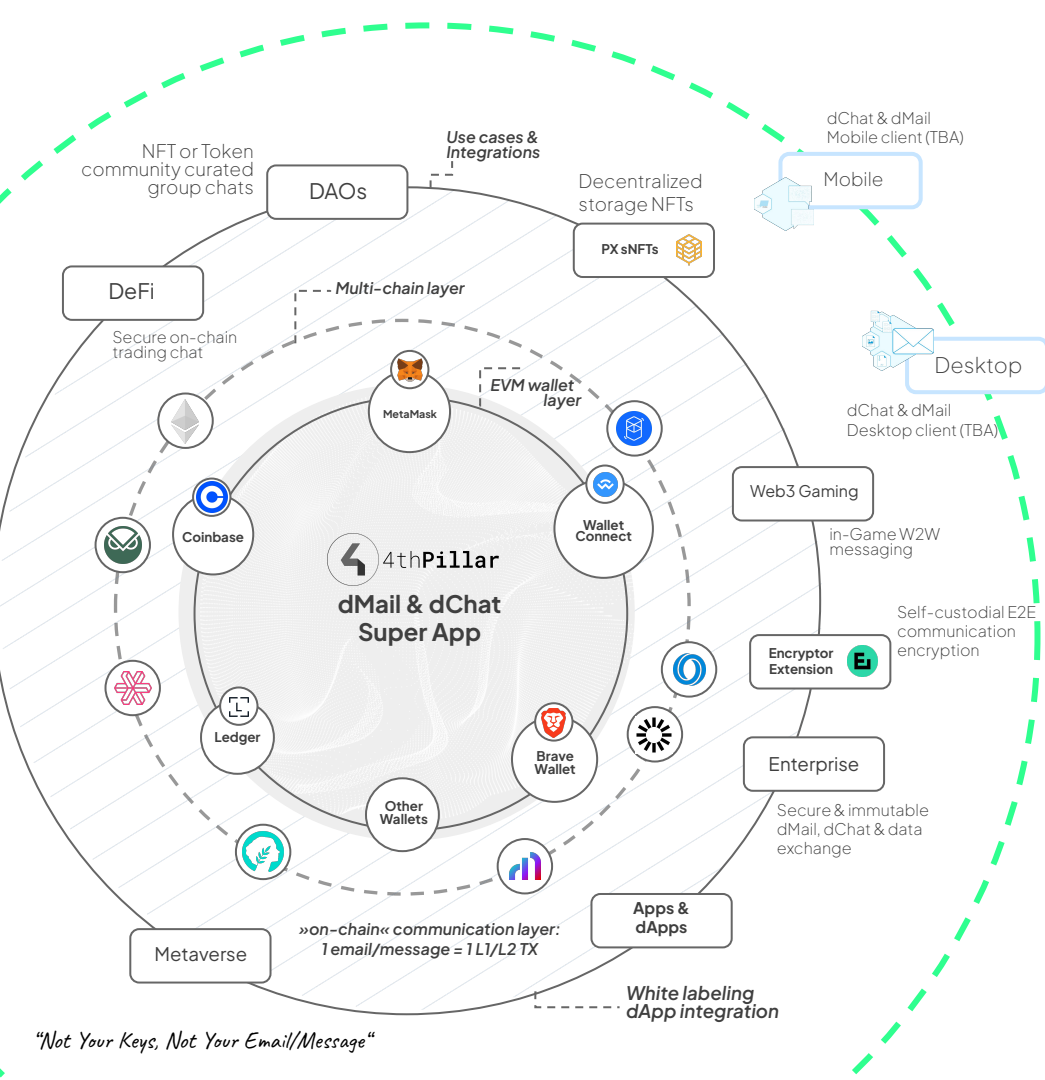
# CONTEXT

---

- ④ Digital communication privacy, anonymity & security today are an illusion. E2E encryption available within legacy platforms does not protect users communication content.
- ④ Identity & data theft; email spam, spoofing and phishing; data ownership loss; data mining, and; mass surveillance. These are the results of a broken Web2 communication model.
- ④ Data mining has become the core revenue driver behind most legacy communication platforms. Users trade the “ease of access” for their communication data.
- ④ Legacy email & messaging platforms are custodial, centralized and permissioned by nature, where every action requires permissions resulting in countless de-platforming cases.

*“Privacy is necessary for an open society in the electronic age ... Privacy is the power to selectively reveal oneself to the world.”*

Eric Hughes - A Cypherpunk's Manifesto



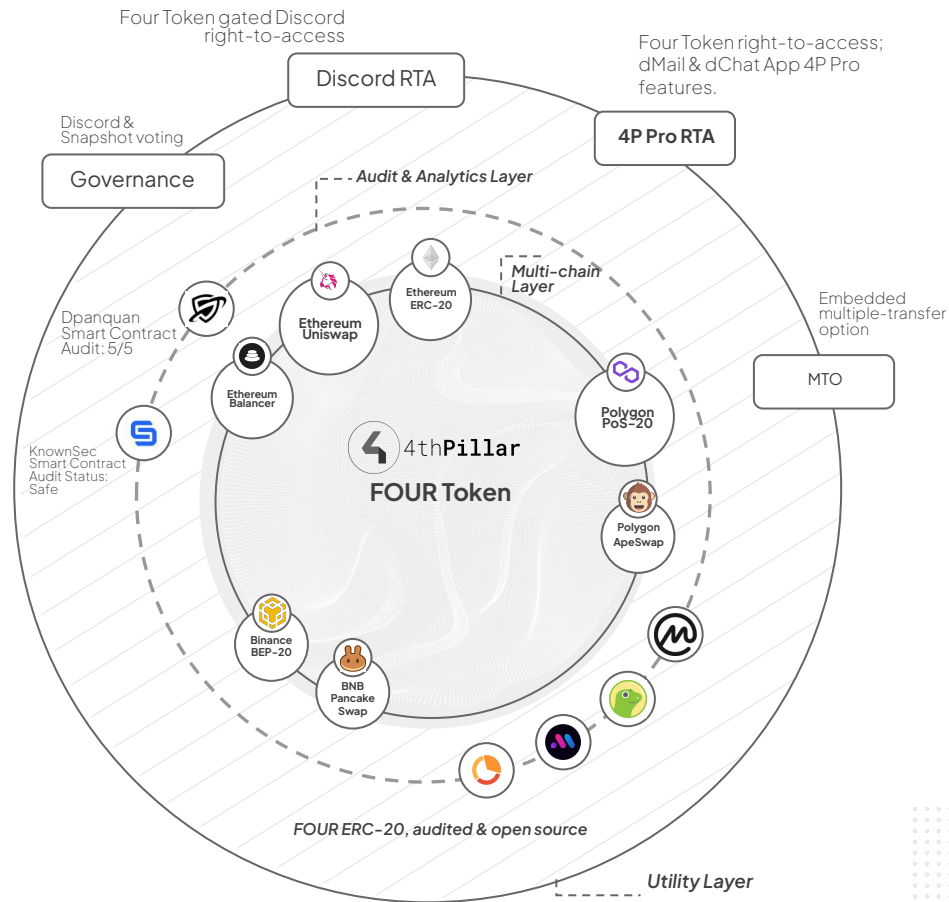
## SOLUTION

- Bringing social »on-chain« **emailing & messaging** to the EVM ecosystems.
- Secure, immutable, censorship resistant, scalable, accessible & **self-custodial »on-chain« emailing & messaging** solution.
- No data mining**, no ads, no tracking & hidden metadata.
- Interoperable with all major EVM wallets.
- W2W E2EE self-custodial **file & media sharing**.
- Decentralized storage** self-custody with PX sNFTs.
- Self-custodial **AES communication encryption** via Encryptor Extension.
- Permissionless »on-chain« emailing & messaging with Four token gated **Pro version**.
- Smart contract-based communication **transaction-free infrastructure**.
- Stand alone **open-source** dApp & Whitelabels.

# 4 FOUR TOKEN

The 4th Pillar Token (FOUR) is a technical and incentive component dedicated to; (1) RTA (i.e. right-to-access), and; (2) MTO (i.e. multiple-transfer option) models in the ecosystem of Web3 communication.

- 4 FOUR Token **Governance**.
- 4 FOUR Token **RTA**; App dMail & dChat **Pro features** (Q2 24).
- 4 FOUR Token **RTA**; **Gated Discord community** of developers & project core supporters.
- 4 Embedded **MTO** (i.e. multiple-transfer option) feature.
- 4 Multi-chain asset; **ERC-20**, PoS-20 & BEP-20
- 4 Maturity; **TGE 2018**, Held by **10k+** wallets, **60k+** TX
- 4 Cross-chain liquidity; **Uniswap**, Balancer, SushiSwap, ApeSwap & PancakeSwap
- 4 Deflationary model via **Buy & Burn** feature (TBA).
- 4 **Audited** & open-source.



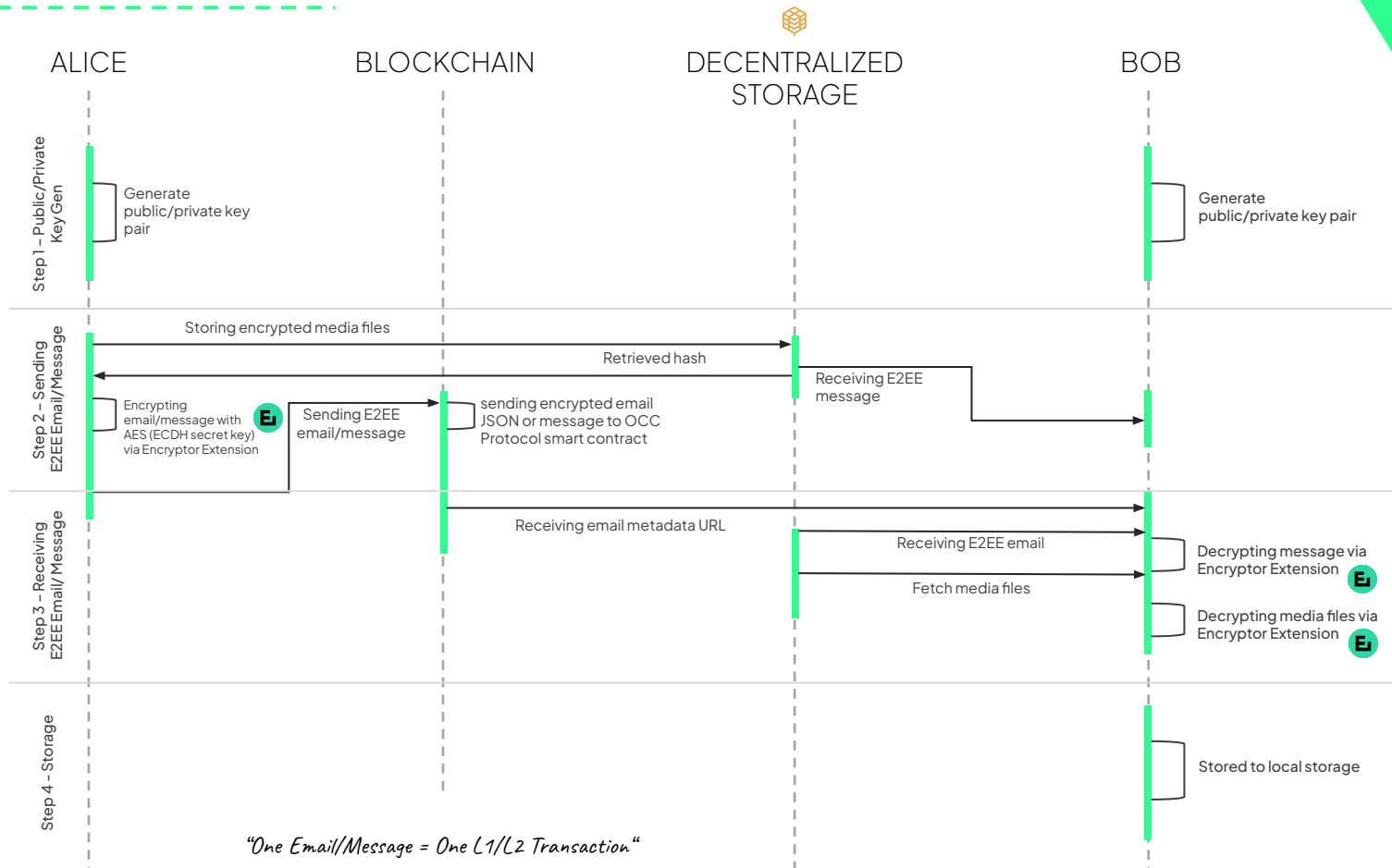


## WHY 4P?

---

- ④ **One-of-a-kind on-chain model;** Moving communication »on-chain« ensures the immutability and traceability of emails & messages, introducing a level of trust and security unprecedented in legacy digital communication.
- ④ **Modular & Self-custodial;** In the case of the 4P downtime, anyone can spin up and run their open-source dMail & dChat client and access their communication data.
- ④ **Storage control;** By utilising self-custodial decentralized storage NFTs, 4P enables users to retain data ownership, ensuring they retain full control over their communication data.
- ④ **Secure & Encrypted;** By owning encryption keys, users can take control over their communication encryption in a true self-custodial way.
- ④ **Permissionless access;** Native permissionless access prevents access restrictions and de-platforming use cases.
- ④ **Robust & Resistant;** Natively resistant to Web2 data mining, data ownership loss, censorship, spam, phishing and ID theft.
- ④ **Open source collaboration;** Join our collective effort, submit issues, pull requests, or offer general feedback on GitHub.
- ④ **Next-gen Web3 UI/UX;** One click connect and network switching with intuitive and modern dMail & dChat client.
- ④ **Awarded technology;** In development from 2018, the underlying OCC Protocol powering 4P dApp received awards & recommendations from; Edgeware, Solana, Tron & others...

# ARCHITECTURE



# PRODUCT FEATURES

## EMAIL & MESSAGING


- ⚙ W2W E2EE »on-chain« emailing & messaging
- ⚙ 1 email/message = 1 L1/L2/L3 transaction
- ⚙ Decentralization coefficient = L1/L2
- ⚙ Permissionless Web3 login
- ⚙ Private & group »on-chain« chat
- ⚙ NFT/token gated »on-chain« group chat
- ⚙ W2W E2EE media & data files sharing
- ⚙ Decentralized Storage NFTs
- ⚙ Naming service integration (TBA)
- ⚙ Email & chat archive or deletion
- ⚙ App notifications
- ⚙ Smart contract-based option to charge an email correspondence fee
- ⚙ 4P Pro features (Four Token gated)

## SELF-CUSTODY & PRIVACY

- ⚙ Self-custodial AES E2E encryption via Encryptor Extension
- ⚙ Self-custodial PX decentralized storage NFTs
- ⚙ No signup or personal information
- ⚙ Censorship & de-platforming resistant
- ⚙ No ads, no tracking or data mining
- ⚙ »on-chain« email & messages nuking


## TECH

- ⚙ W2W E2EE »on-chain« communication
- ⚙ Encrypted group messaging
- ⚙ Interoperability with all major EVM wallets
- ⚙ White labeling
- ⚙ Smart contract-based tx-fees
- ⚙ Decentralized storage integration via PolinationX NFTs
- ⚙ No centralized database
- ⚙ Modular stack;
  - ⚙ Network - multi EVM support
  - ⚙ Storage - self-custodial storage NFTs
  - ⚙ Encryption - self-custodial E2E communication encryption via Encryptor Extension
- ⚙ Next-gen Web3 UI/UX
- ⚙ Open-source app client




**New Mail**  
Compose a new mail.

Receiver

 Enter recipient's address

Subject

 Email subject (e.g., Meeting Schedule, Inquiry, etc.)


Content


Body of the email (Your message goes here)


**Attachments**


Add some mail attachments


Attachments




























 uploads.tar.gz  
30.41 MB

 logo.png  
8.21 KB

 Reset































 Send

# 4P dMail versus Web3 Competitors

ATTRIBUTE	4P DMAIL	ETHERMAIL	DMAIL	MAILCHAIN	LEDGERMAIL
Decentralization coefficient	= L1/L2	TBD	TBD	TBD	TBD
Web3 wallet login					
Public »on-chain« communication					
E2E encryption					
Self-custodial E2E encryption					
Communication & data immutability			TBD	TBD	
Communication & data portability		TBD		TBD	
Decentralized storage					
Self-custodial decentralized storage					
Self-custodial open-source application				TBD	
Multi-chain deployment					
No data mining		TBD	TBD	TBD	TBD
De-platforming resistant		TBD	TBD	TBD	
White-label availability					



# 4P dChat versus Web3 Competitors

ATTRIBUTE	4P DCHAT	PUSH CHAT	DECHAT	XMTP CHAT
Decentralization coefficient	= L1/L2	TBD	TBD	TBD
Web3 wallet login				
Public »on-chain« communication				
Group chat				
E2E encryption				
Group chat E2E encryption			TBD	
Self-custodial E2E encryption				
Communication & data immutability		TBD		TBD
Communication & data portability		TBD		
Decentralized storage				TBD
Self-custodial decentralized storage				TBD
Self-custodial open-source application				
Multi-chain Deployment				TBD
No data mining		TBD	TBD	TBD
De-platforming resistant		TBD	TBD	
White-label availability		TBD		

## 2024 ROADMAP

---

- 4 **Q1 2024:** 4P Super App TestNet
- 4 **Q2 2024:** 4P Super App MainNet
- 4 **Q2 2024:** 4P Super App Pro & \$FOUR RTA
- 4 **TBA:** 4P Super App Desktop & Mobile

# CORE CONTRIBUTORS

Great vision without great people is irrelevant



**4punk**, Fullstack



**Bitkan93**, Web3 Fullstack



**Mkos82**, Web3 Fullstack



**Firstjetli**, Web3 Fullstack



**Ian Bozic**, PR, Marketing & Education



**Silvo Fortuna**, Community, Marketing & Tokenomics



**Zil**, SM Design



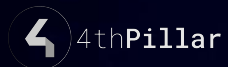
**Immu3**, on-chain communication infrastructure provider



**PollinationX**, Decentralized Storage Service



**Encryptor**, communication encryption extension



Community-build **dMail** & **dChat**  
**Supper dApp** perfectly aligned with  
decentralized fundamentals.

[the4thpillar.io](https://the4thpillar.io)

*Thank You*

*[contact@the4thpillar.io](mailto:contact@the4thpillar.io)*