



# DANDELION

A WEB3 PLATFORM TO  
REALIZE THE METAVERSE.

Confidential



## Appendix

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Dandelion

# THE PLATFORM FOR WEB3

Dandelion is the first L1 built and tested for a Web3 world.

## NETWORK:

- Operational and scalable transaction platform
- Smart contracts
- Low-code, error-less dev studio

## DAPPS:

- Payments inside social networks
- NFT marketplace
- Verifiable digital identity library
- AMM plug-in for gaming/VR

Designed for developers. Built for end-users

Aspirational problem

# WHAT LIMITS THE MASS ADOPTION OF CRYPTO+WEB3 TOWARD A METAVERSE?

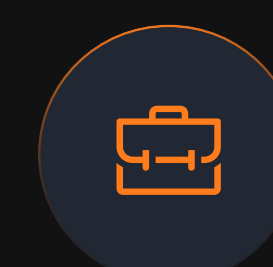
L1s invest billions into dedicated communities of Layer-2s hoping to address these.  
What if they never needed a Layer-2 again?



Inaccessible product-centric UIs. <sup>1,2,3</sup>



Transaction costs for low-value payments/transactions. <sup>1</sup>



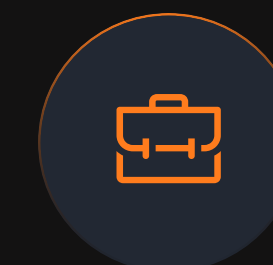
Environmental (energy) concerns. <sup>1</sup>



Security and mistrust (fraud, Ponzi+Pyramid, rug-pulls). <sup>1,2</sup>



Blockchains are slow and may need more Layer-2s to alleviate constraints. <sup>1,2</sup>



No “killer app”. <sup>3</sup>

1 - McKinsey, “Web3 Beyond the Hype”, Sep-2022

2 - DappRadar, “2021 Dapp Industry Report”, Dec-2017

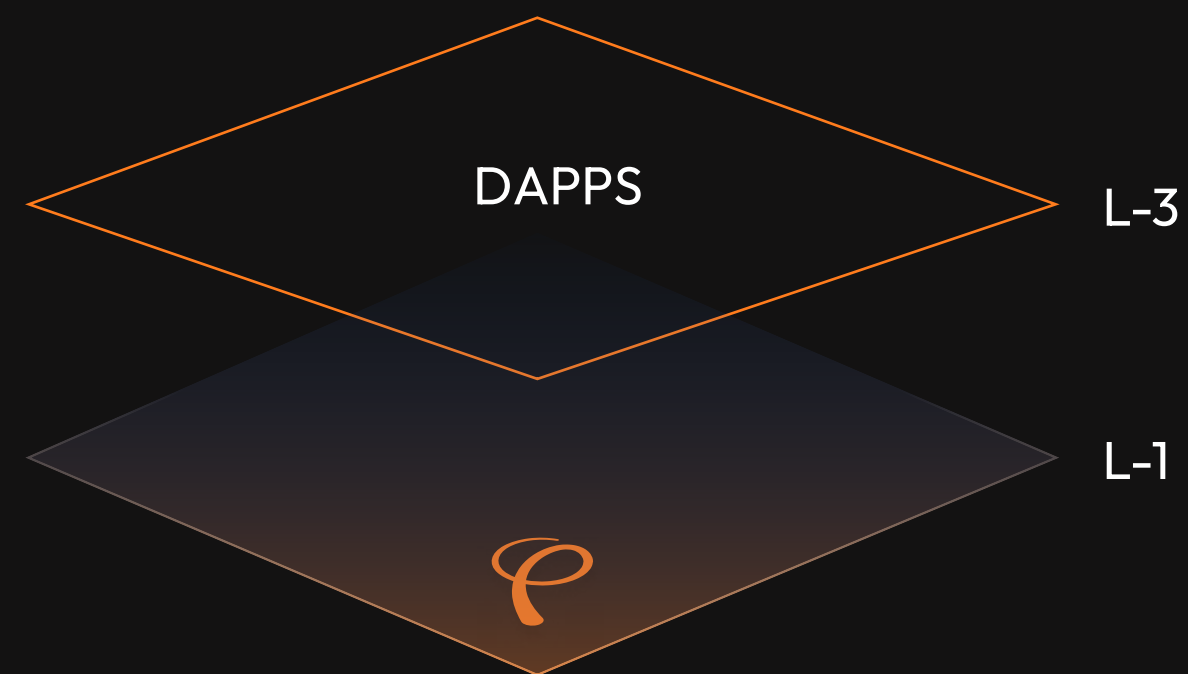
3 - CMSWire, “Web3 and the Barriers to General Adoption and Acceptance”, Apr-2022



Solution

# DANDELION NETWORK

Dandelion rebuilt L1 so no more L2.



## SPEED

Speed. Speed doesn't have to come at the cost of Security or Decentralization. **Dandelion's method offloads network activity more than 90%.**

Insight: "Incentivize transactors to finalize."

**Dandelion offloads exploits and vulnerabilities away from the network.**



## SECURITY

Dandelion eliminates the Top-7 exploits on Ethereum (Solidity) and the Top-5 on Solana (Rust). We reduce human-error to "n00b-proof".

Insight: "Incentivize nodes to decentralize."

Problem

# LAYER-2s CAN CRAM MORE TRANSACTIONS-PER-SECOND (TPS) INTO A BLOCKCHAIN.<sup>1</sup>

## SIDECHAINS

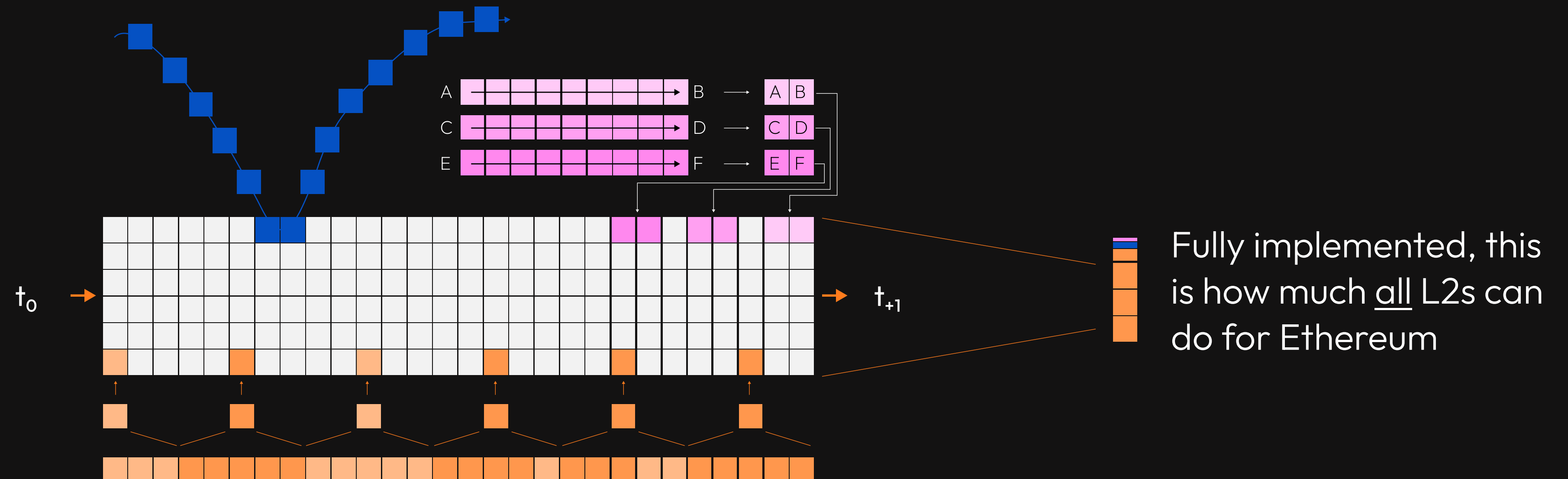
have intermittent settling just to ensure matching records.

## STATE CHANNELS

must establish between two parties, then aggregate all transactions before insertion.

## ROLLUPS/PLASMA

try to expedite transactions, aggregate, compress, then insert.



■ ~500 txns

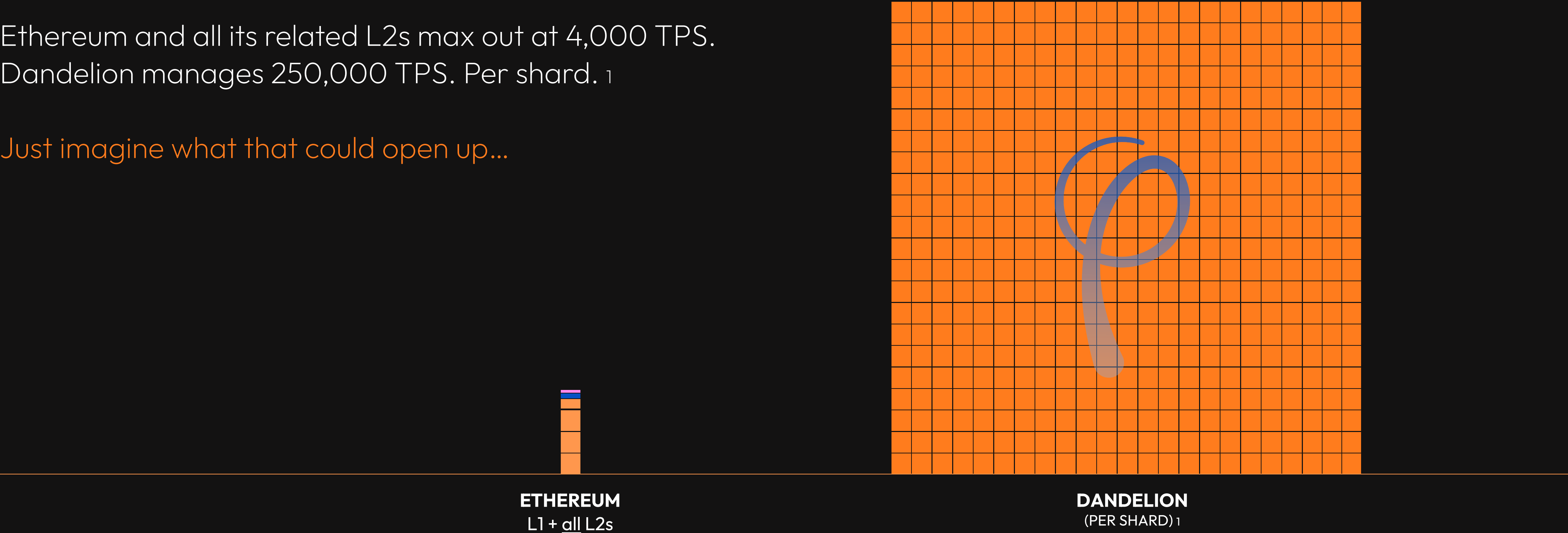
1 - All data based on Maximum Historical TPS, in aggregate for Ethereum and all L2s combined: <https://ethstats.info/>

Problem

# A LOT CAN HAPPEN IN 1 SECOND

Ethereum and all its related L2s max out at 4,000 TPS.  
Dandelion manages 250,000 TPS. Per shard. 1

Just imagine what that could open up...

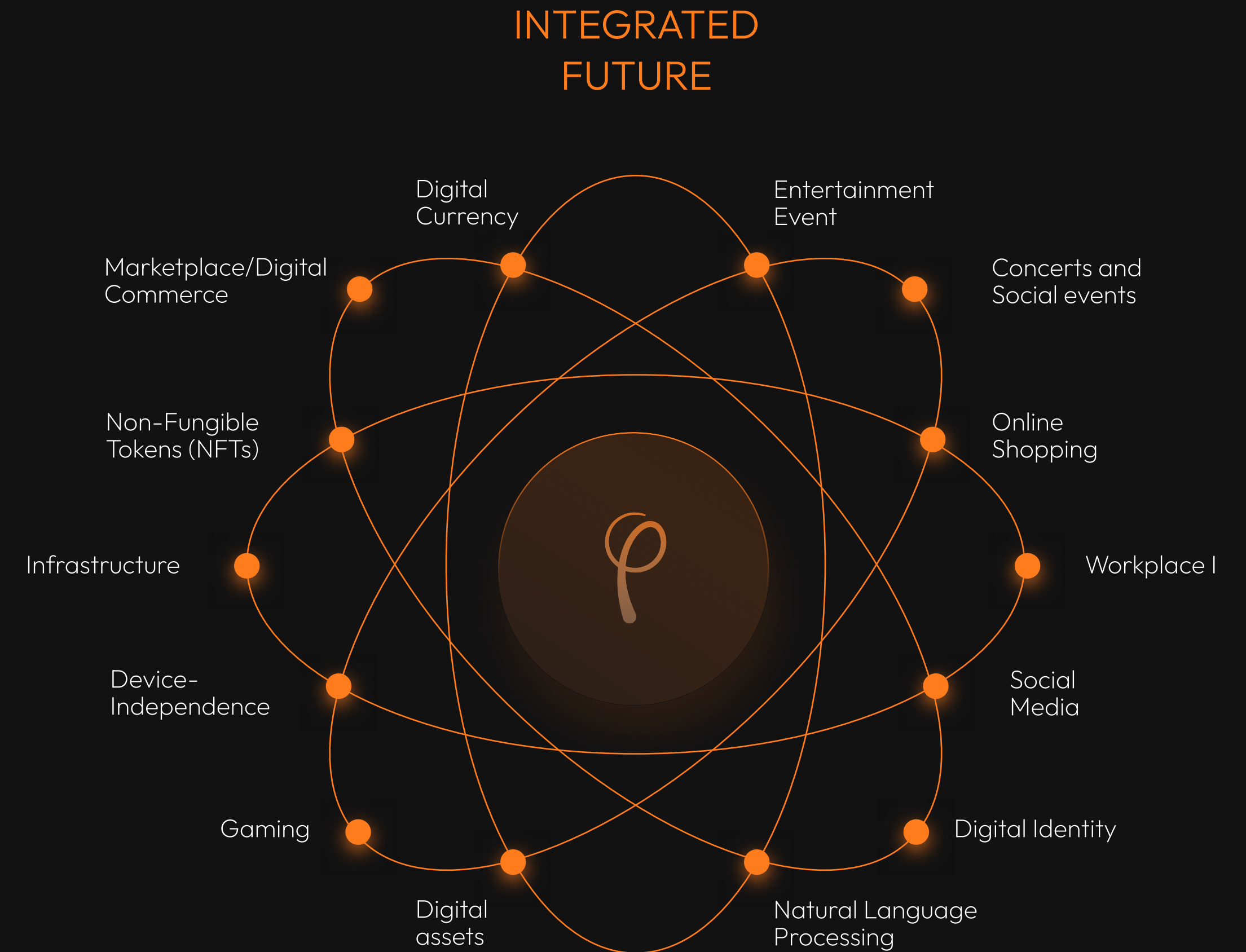
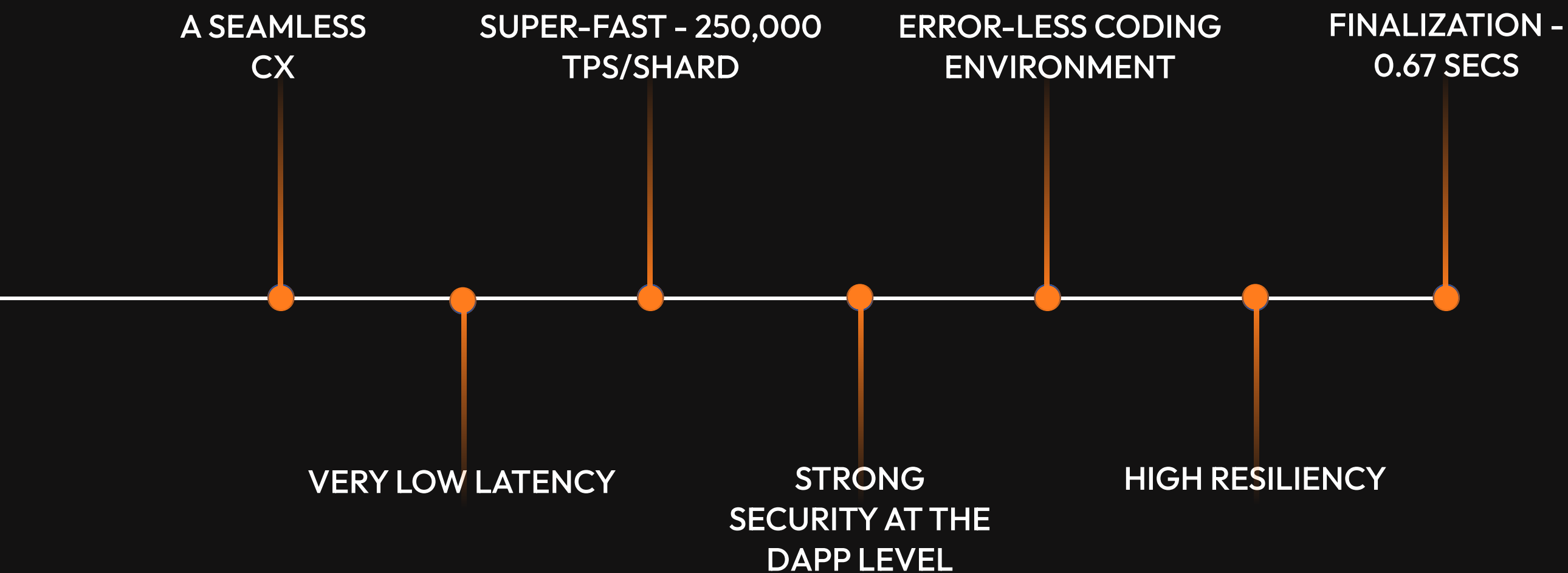


1 - Ask us sometime. It's pretty cool.

Our vision

# ONE PLATFORM FOR WEB3 CONVERGENCE

It needs a robust platform:



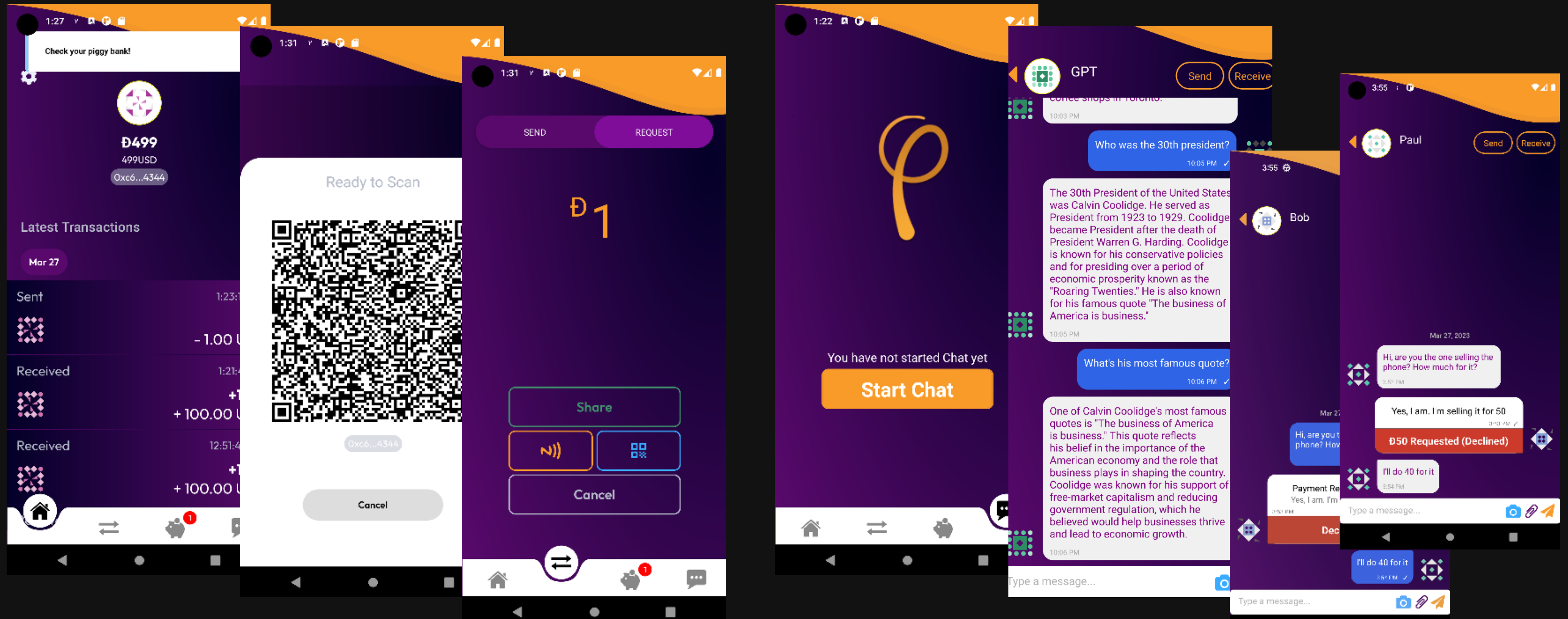
Dandelion provides the speed and scalability necessary for realizing a convergent Web3



Competitive landscape:

# SOCIAL MEDIA MEETS PAYMENTS

**Today**, Dandelion embeds Payments directly inside Chat — **Tomorrow**, we want to bring these into broadcast text and video



Team

# CORE TEAM

A team that builds and executes.



**ALEX MUNRO**  
Co-founder & CEO



14 yrs in VC  
Industrial portfolios DPI 5.5x  
Network analyst for financial hedges



**PAUL CHAFE**  
Co-founder & CSO



Designer of Dandelion's core technology  
30 years of physics entrepreneurship



**JASON XU**  
Co-founder & VP Engineering



ElecEng, U Waterloo,  
Built Canada's national blood tracking system



**DR. IRENE KATZELA**  
CTO



PhD MSc ElecEng, Columbia U  
Network architect for Bell, Cisco



**ESTELLA YEUNG**  
Co-founder & VP Operations

Financial IT systems designer  
Nuclear project planner



**DUNCAN CAMERON**  
VP Business Development



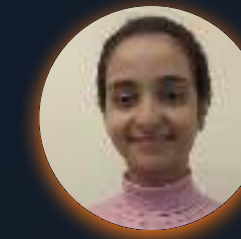
25 yrs in technology sales  
Blockchain sales since 2016



**ANNELIE STAPELA**  
VP Corporate Development & HR



CEO Novitalis, multi-billion dollar pharmaceuticals



**JOY OSIVE**  
Lead - WASM



Leads 20-person dev-shop  
First WASM-first smart contracts

# ADVISORS



**JEREMI KARNELL**  
Chair of Board of Advisors

CEO of Trulytics  
SVP Head of Product - Investnet



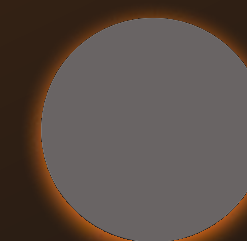
**ROBERT TRAN**  
NFTs & Metaverse

COO for Forj NFTs, an Animoca Brands subsidiary



**DR. ATTY MASHATAN**  
Cryptography

Director, Ryerson University,  
Cybersecurity Research Lab  
Experienced banking CISO



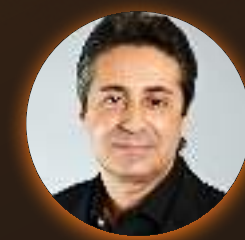
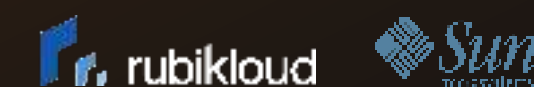
**TBA**  
Blockchain Enterprises

Tata Financial Services



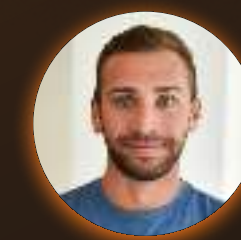
**ROGER SINGH**  
Parallel Computing

Supercomputer design  
Hardware/Software parallel expert



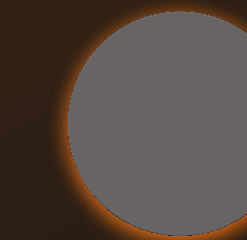
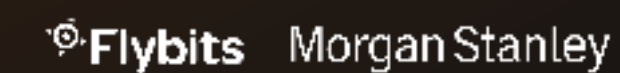
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Partnerships & Pilots

Sr. Dev CRAY Systems  
Fields Institute for Mathematics



**FEDERICO DE SIMONI**  
LatAm Fintech

CCO for Reworth, former Flybits  
Pan-LatAm fintech experience



**TBA**  
Fintech

International financial services technology



# LET'S DO THIS

Empowering web3 payments  
and integrations

[WWW.DANDELIONNET.IO](http://WWW.DANDELIONNET.IO)

[Our whitepaper](#)

[Our cybersecurity proof](#)

Contact us

