

Centralized Exchanges

OPTIMISM

Two red curved lines are present on the page. The first is a wide, shallow arc that spans across the middle of the page. The second is a narrower, deeper arc located below the first one, also spanning across the page.

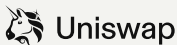
About OP Enterprise

OP Enterprise is the managed deployment and support product for institutions building on the OP Stack. It handles sequencer deployment, infrastructure configuration, bridging, monitoring, and ongoing engineering support, so exchange teams can move from signed contract to live production chain in 8–12 weeks, without building a dedicated blockchain team from scratch.



Blaze
GIWA Chain

"Choosing the OP Stack for GIWA allowed us to leverage Ethereum's robust security while achieving the scalability needed for a global exchange. It serves as a seamless gateway, connecting Upbit's users directly to the broader Web3 ecosystem."



Why Now

Deutsche Börse took a \$200M stake in Kraken. ICE invested \$200M in OKX. NYSE launched 24/7 tokenized securities. Nasdaq got SEC approval for blockchain-based settlement. MiCA and DORA came into force. The CLARITY Act passed the House.

The infrastructure race and the regulatory window opened at the same time. The exchanges that move now build structural advantages. The ones that wait make that math worse every quarter.

- | | |
|---|---|
| ■ NYSE launched 24/7 tokenized securities | Institutional demand is live, not theoretical |
| ■ Nasdaq got SEC approval for blockchain-based settlement | The infrastructure layer is being built now |
| ■ Deutsche Börse took a \$200M stake in Kraken | TradFi is picking its exchange partners |
| ■ ICE invested \$200M in OKX at \$25B valuation | Tokenized equities thesis, H2 2026 rollout |
| ■ MiCA + DORA in force · CLARITY Act passed the House | Regulatory clarity has arrived |

DTCC aiming to make all 1.4 million securities in its custody digitally eligible

CoinDesk - Jan, 2026

Nasdaq to launch equity token design, putting issuers at the center of tokenization

GlobeNewswire - Mar, 2026

Staff Statement Regarding Broker-Dealer Registration of Certain User Interfaces Utilized to Prepare Transactions in Crypto Asset Securities.

SEC.gov - Apr, 2026

DTCC aiming to make all 1.4 million securities in its custody digitally eligible

CoinDesk - Jan, 2026

Nasdaq and Kraken are teaming up to let you trade tokenized stocks

CoinDesk - Jan, 2026

Here is why Nasdaq and owner of NYSE are putting the \$126 trillion equity market on blockchain

CoinDesk - Mar, 2025

Why Optimism is Best Positioned

The six largest exchanges chose OP Stack. All six. Here's why.

■ Security sovereignty: what shared chains cannot give you

Bringing customer assets onchain means accepting responsibility for what happens to them. On a public, permissionless chain, the exchange cannot control upgrade timelines, cannot halt during emergencies, and cannot guarantee rapid response when customer assets are at risk. DPRK-linked actors remain the most active threat to onchain assets. If they drain your users' funds, what happens next is not your decision to make - unless you own the chain.



Upgrade authority

You decide what ships, when, and under what conditions - no shared-chain governance calendar.



Incident response

Sequencer-level halt and revert · Bridge flows can be frozen.



Protocol governance

No dependence on a foundation, DAO, or token holder vote during an incident.



Last-resort protections

Asset freezes, transaction blocks, forced inclusion controls - for regulated and institutional customer assets.

■ Ecosystem: what you inherit on day one

When Kraken launched Ink, Tydro hit \$124M in deposits in 24 hours. Tydro crossed \$500M TVL in 90 days. Aave V3 on Base took 627. They didn't scope out which oracles to use, negotiate bridge terms, or chase down a custody partner. The infra was ready to pick off the shelf and run on their chain. That's OP Enterprise: oracles, DeFi protocols, bridges, custody, asset issuers, all vetted, priced, and ready to activate at launch. Your team ships the use case without having to worry about the underlying dependencies, that's all taken care of.

 turnkey

 Chainlink

 Safe

 Re7Capital

 MetaMask

 Blockscout

 BitGo

 Dune

 LI.FI

Quicknode

 TRM

 LayerZero.

\$500k+

Upfront integration savings.

■ Scale: what already runs on OP Stack

\$16 billion in secured value. 6 billion transactions in 2025. \$495 million in application revenue in the second half of 2025, Messari-audited. For every dollar spent in processing fees across the ecosystem, \$10 came back in application revenue. These numbers come from production infrastructure running at exchange scale - not pilots, not projections.

\$5.5B

Assets held in smart contracts on
OP Stack chains

\$495M

In Application Revenue, 2025

6B

Transactions Processed Across OP Stack Chains, 2025

The Tech Stack

Seven capabilities built for what exchanges actually need.

■ Compliance architecture



Sequencer-level OFAC screening

Sanctions screening runs as a rule in the sequencer's block-building logic. Transactions from sanctioned addresses are filtered before inclusion - not reverted after the fact. The list updates without a chain upgrade. Screening applies uniformly across every protocol deployed on the chain without requiring any of them to integrate separately.



Onchain Compliance Module

A pluggable bridge-level screening layer that gates deposits and withdrawals through a configurable rule interface. Sequencer handles L2 transactions; compliance module handles bridge flows. Two layers, one coherent compliance architecture.



Circuit breakers / trading halts

Tokenize a regulated equity and you need the ability to halt trading. Own your sequencer and you block specific asset transactions at the protocol level - no deployed contract to call, no permission to request. Halt transactions in a specific asset without touching anything else on the chain. Compliant asset behavior inside a permissionless network.

■ Performance



Flashblocks

200ms preconfirmations. Built for order books, perpetuals, and trading applications that need sub-second finality.



Fault proofs

Stage 1 decentralization is live. Withdrawals are trustless and onchain-verified by default.

■ Revenue & product control



Custom gas tokens

Set any ERC-20 as the base currency. Your users stop pricing transactions in ETH.



KYC-gated blockspace

Priority access and compliance screening at the block-building layer - for verified users, institutional counterparties, and use cases requiring onchain identity controls. World uses this for 13 million verified humans. Bitpanda is pitching it to Deutsche Bank.

OP Enterprise: What You Get

Timeline: 8–12 weeks from signed contract to live production chain.
Validated against Bitpanda, Sony, and Celo.

What's included

The engagement covers sequencer configuration and deployment, custom gas token setup, bridging infrastructure, ongoing monitoring, and direct access to OP Labs engineering throughout - not just at launch, but ongoing.

The alternative

Exchanges that build this in-house spend 12 to 18 months and \$750,000 to \$4.5 million per year before shipping a single user-facing product. That's before ongoing maintenance and the dedicated engineering team you need to run it indefinitely.

Ownership

You own the chain, completely. Every upgrade decision, every sequencer policy, every compliance rule. OP Enterprise operates the infrastructure. Every dollar the chain generates goes to you.

Revenue your chain generates

Infrastructure

- | | |
|------------------|--|
| ■ Sequencer Fees | Transaction fees paid to the chain operator. |
| ■ Gas Margin | Set gas price above underlying cost. The spread is yours. |
| ■ MEV Capture | Sequencer-run auctions replace leakage with direct operator revenue. |

Product revenue

- | | |
|--------------------------|---|
| ■ Borrow / Lend | Vault performance fees on native credit products. |
| ■ Yield Vaults | Fee on yield delivered through curated earn products. |
| ■ Perps & Derivatives | Trading fees, funding spreads, and liquidation revenue on a native venue. |
| ■ Stablecoin Integration | One-time and recurring fees from issuers canonicalizing on your chain. |
| ■ Tokenized Asset Fees | Recurring fees from tokenized equities, funds, and commodities settling on-chain. |

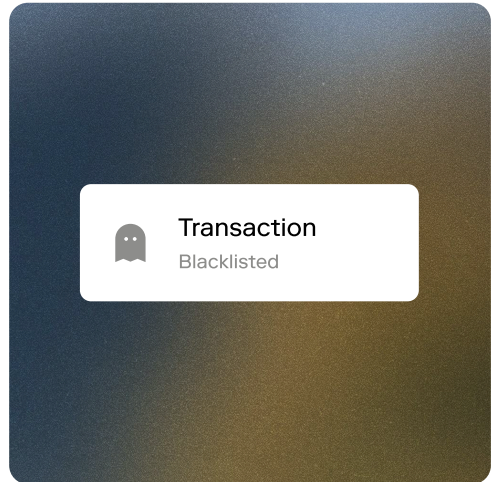
Token economics

- | | |
|-----------------------|---|
| ■ Custom Gas Token | Use any token - a native exchange token or stablecoin - as the network's gas currency, so users don't need ETH to transact. |
| ■ Priority Blockspace | Reserved capacity sold as a premium tier to verified users or first-party apps. |

Features

Policy Engine

Configurable sequencer-level rules for transaction ordering, compliance filtering, and blockspace allocation - managed without a chain upgrade. Set compliance lists that update in real time. Reserve capacity for payment flows that never compete with general traffic. No other managed infrastructure provider offers sequencer-level policy control.



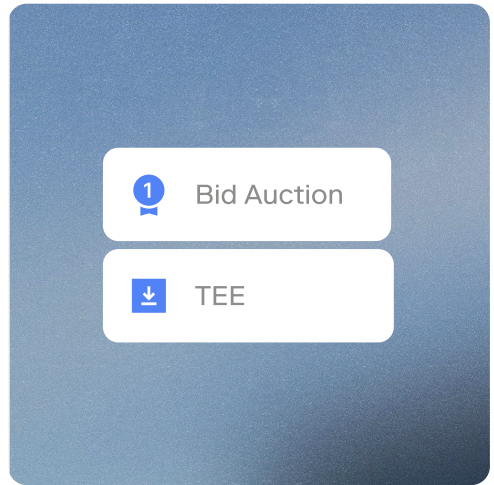
Staking Fast Lane

Users and protocols stake your chain's native token to access priority transaction ordering. Drives a native demand loop - priority access creates staking demand, staking demand accrues value to your token. Built for exchanges launching a token economy on their chain.



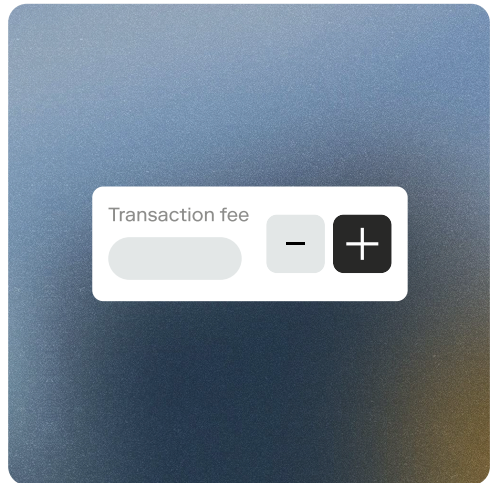
MEV Capture

Two layers. Sealed-bid auctions at the sequencer replace gas-price bidding wars - reducing blockspace waste and directing auction proceeds to the chain operator. A second automated layer captures remaining MEV value inside a trusted execution environment, turning what would otherwise leak to external searchers into direct chain operator revenue.



Custom Fee Schedules

Protocol-specific rebate formulas set at the sequencer level. Attract and retain high-value protocols with preferential fee treatment without changing the base fee structure for other users.



Q3 2026 1-Day Withdrawals

ZK proof integration reduces the standard 7-day withdrawal window to approximately 1 day. For institutional capital, stablecoin issuers, and regulated asset operators where withdrawal speed is a hard requirement.

The Stack for Centralized Exchanges

OP Stack at scale: 50+ live chains · 6B transactions in 2025 · \$5.5B in smart contract-held assets · \$495M application revenue (H2 2025)

 **base**

\$17.3T

Stablecoin Settlement
Volume (2025)

Onchain yield, AI agents,
USDC payments.



1.5M

Active Users

Payments, OKB ecosystem,
AI agents.



\$28M

in Protocol ARR

Institutional trading, perps,
tokenization.



Building

Exchange-native block building,
Korean/SEA.



bitpanda

"Our ambition with Vision Chain is to become the foundation for Europe's DeFi economy: built for the European regulatory landscape, designed for regulated financial institutions, and open to Web3 builders. With OP Enterprise, we have the right partner to build and operate Vision Chain at the standard this market demands."



Florian Klein
Bitpanda

OPTIMISM

The image features the word "OPTIMISM" in a bold, italicized, black sans-serif font. The text is positioned in the upper-middle section of the frame. Below the text, two thick, red, curved lines sweep across the bottom half of the image, starting from the left and curving towards the right. The background is plain white.