



Zkx402

ProofOfLeak

The first cryptographic secure data exchange built for journalists, AI agents, and the truth.

The Problem with Traditional Whistleblowing

Identity Exposure Risk

Traditional platforms require trust. Leakers risk exposure. Sources get burned.

No Proof of Authenticity

Documents can be forged. Recipients can't verify provenance. Trust is everything.

No Monetization Path

Whistleblowers take enormous personal risk. Zero financial protection or compensation.



Secure Data Exchange Verified by ZK

🔒 Powered by Zero-Knowledge Proofs

Three Markets, One Protocol

Whistleblowers

Anonymous monetization

Sell sensitive data without revealing identity. Cryptographic proof protects source.

Journalists

Verified discounts

Prove outlet affiliation. Get cheaper access to authenticated leaks. Build stories faster.

AI Agents

Autonomous purchasing

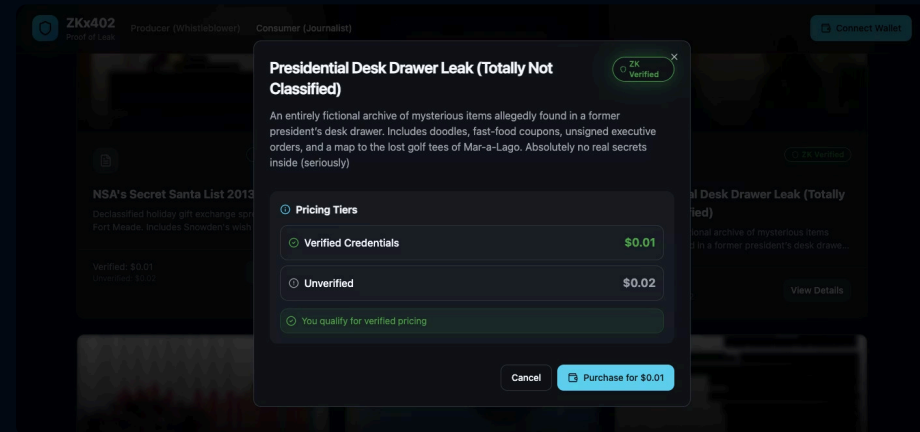
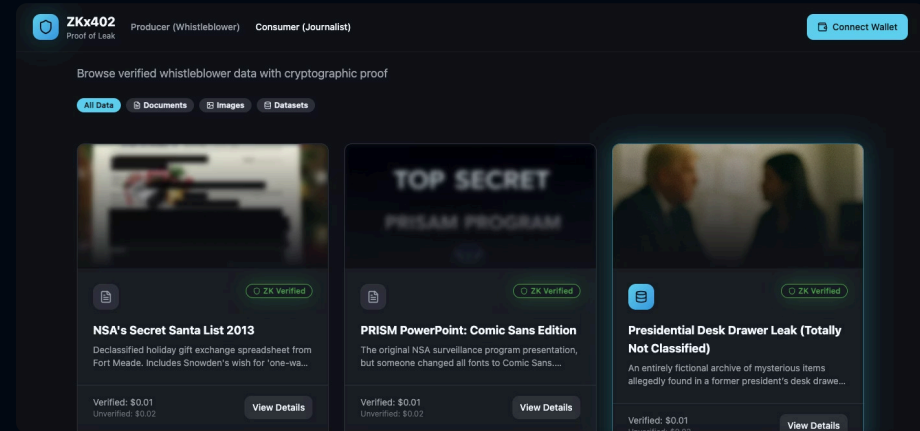
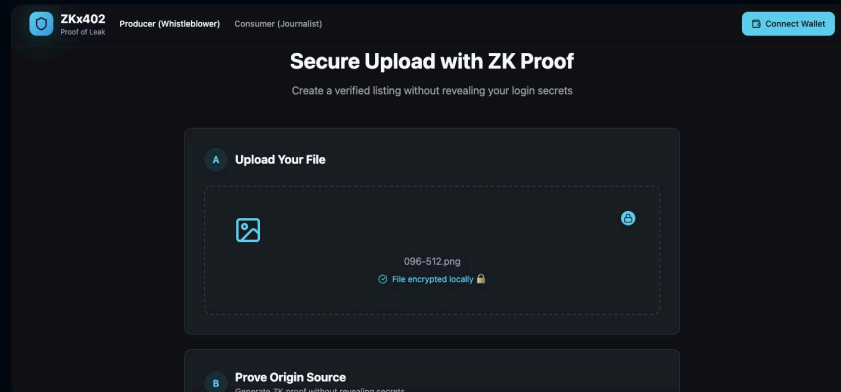
Inherit journalist discounts via attestations. Buy leaks with x402 payments on Base—no human intervention.

Market Opportunity: Where We Fit

Existing landscape gaps

- **SecureDrop:** No payments, no provenance, no AI integration
- **WikiLeaks:** Centralized, editorial control, legal liability
- **Data brokers:** No whistleblower protection, questionable ethics

ProofOfLeak is the **only protocol** combining cryptographic authenticity, financial incentives for sources, and native AI agent support.



server **verifies zkproofs** then verifies payment using CD

▼ [view facilitator call →](#)

```
POST https://api.cdp.coinbase.com/platform/v2/x402/verify
Authorization: Bearer <JWT_from_CDP_API_KEY>
Content-Type: application/json

{
  "x402Version": 1,
  "paymentPayload": { /* X-PAYMENT data */ },
  "paymentRequirements": { /* from 402 response */ }
}

Response:
{
  "isValid": true,
  "payer": "0xYourWalletAddress",
  "isVerified": true
}
```

the server uses its CDP API key to authenticate with the facilitator, which payment matches requirements

Facilitator settles payment on Base Sepolia

► [view settlement →](#)

server returns the x402-gated content

► [view response →](#)

How ProofOfLeak Works



Submit with ZK Proofs

Whistleblowers upload data with cryptographic authenticity guarantees—no identity required



Dynamic Pricing Engine

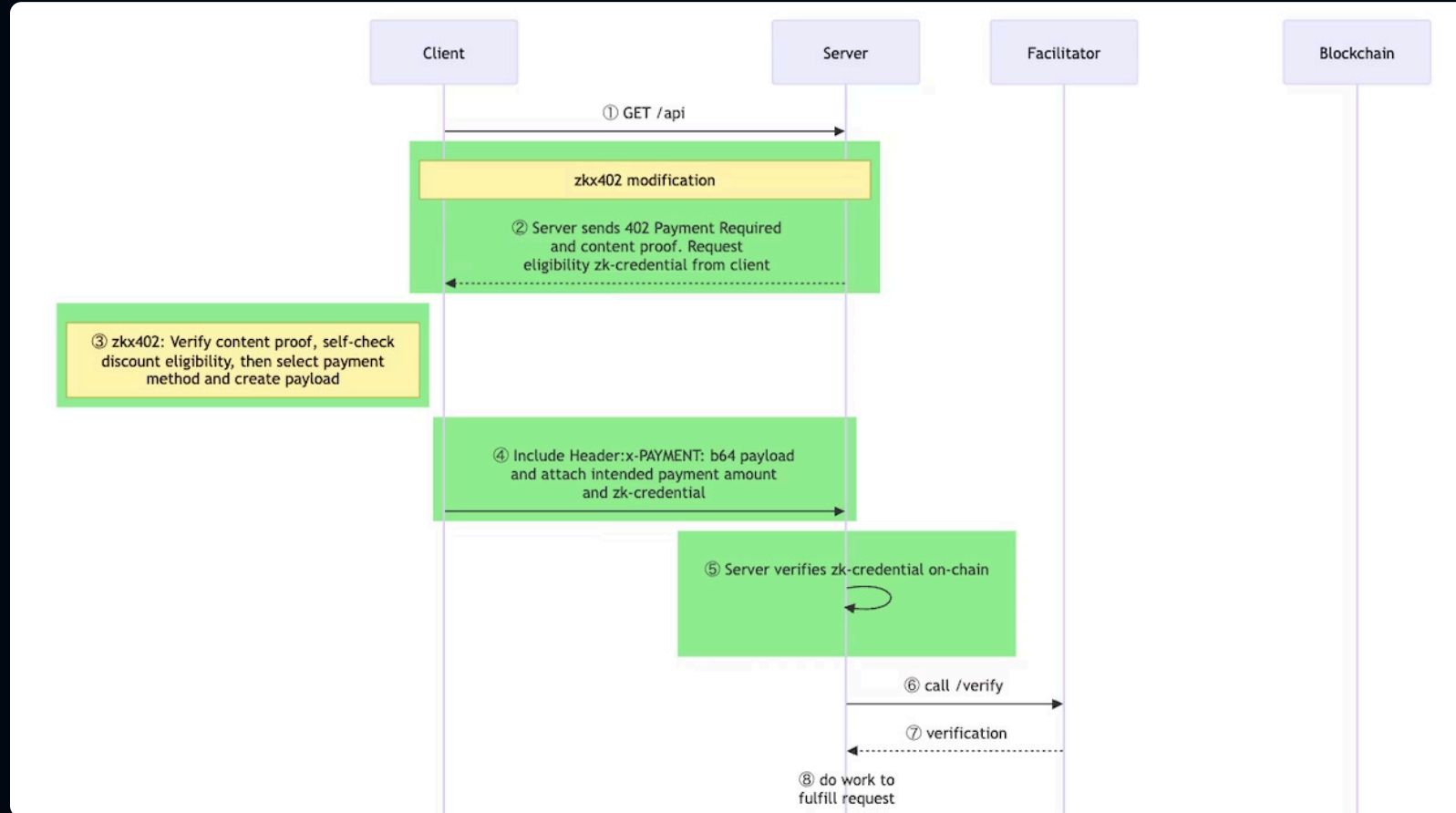
Verified journalists get discounts.



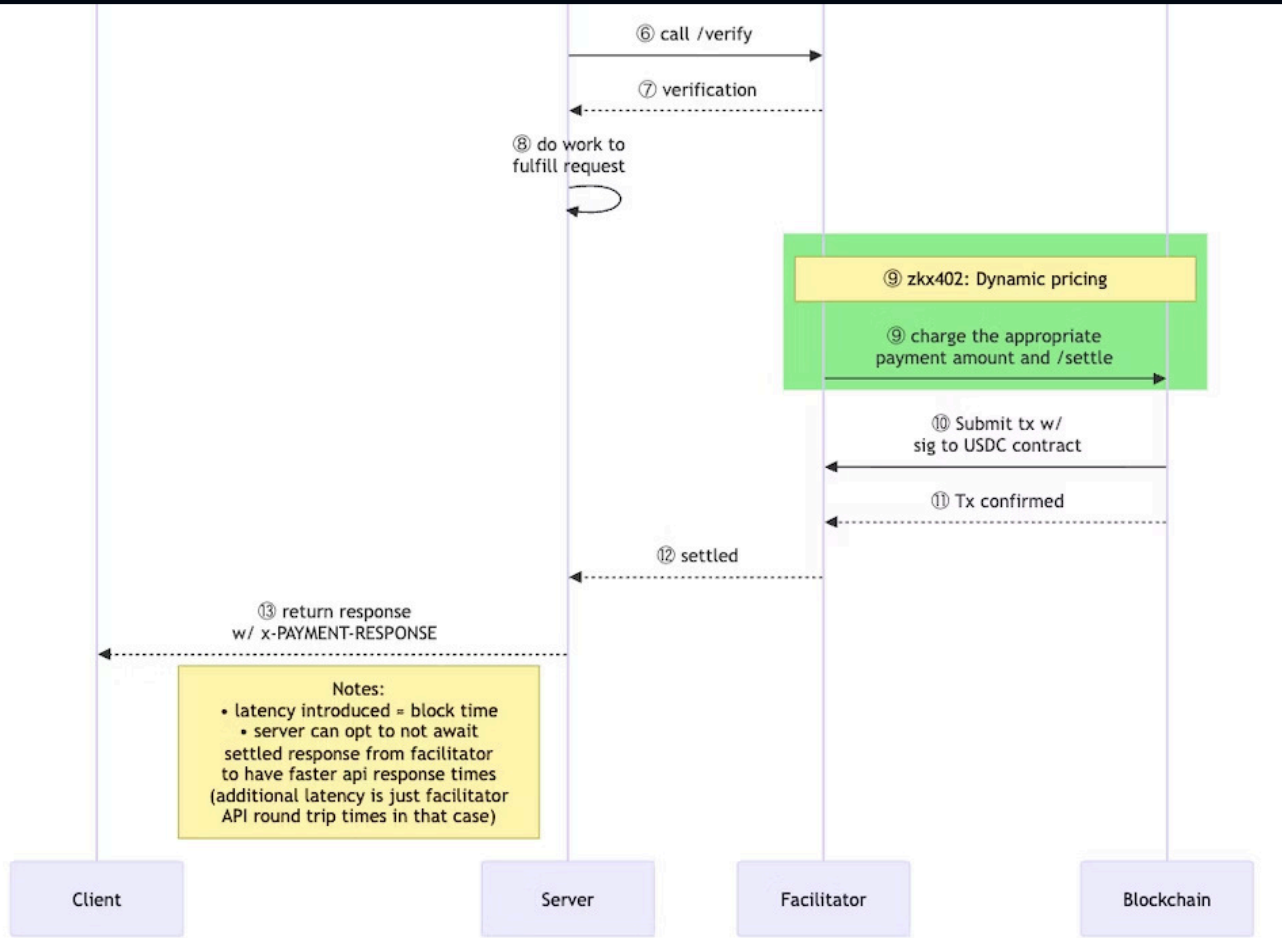
Autonomous x402 Payments

AI agents buy leaks autonomously on Base. Instant settlement, zero friction

Protocol flow (Part 1)



Protocol flow (Part 2)



AI Agent Autonomy: The Future of Investigative Journalism

AI agents can autonomously monitor ProofOfLeak for relevant leaks, verify authenticity through on-chain proofs, and execute purchases using x402 payments—all without human intervention.

