



# 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

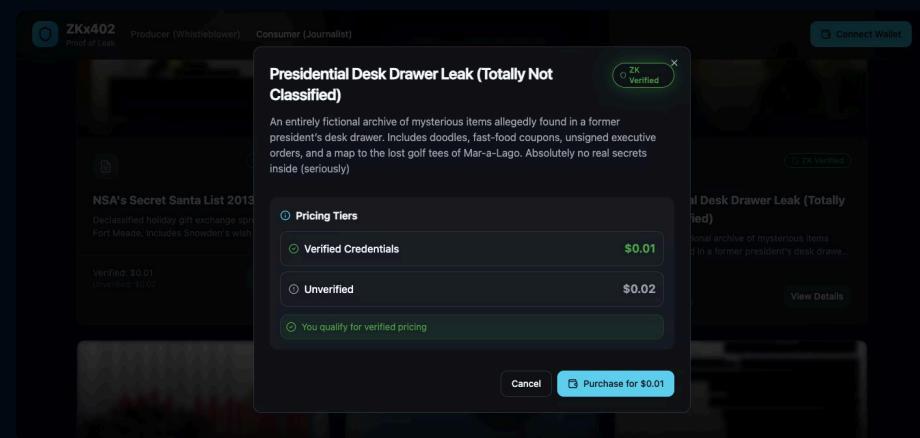
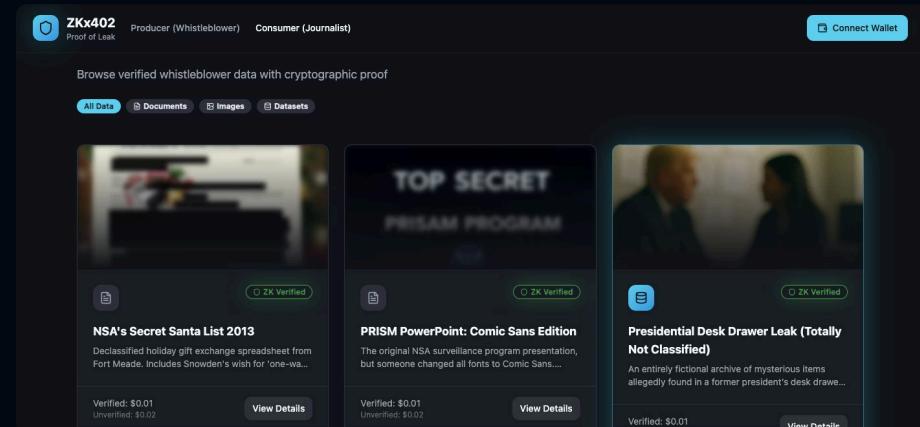
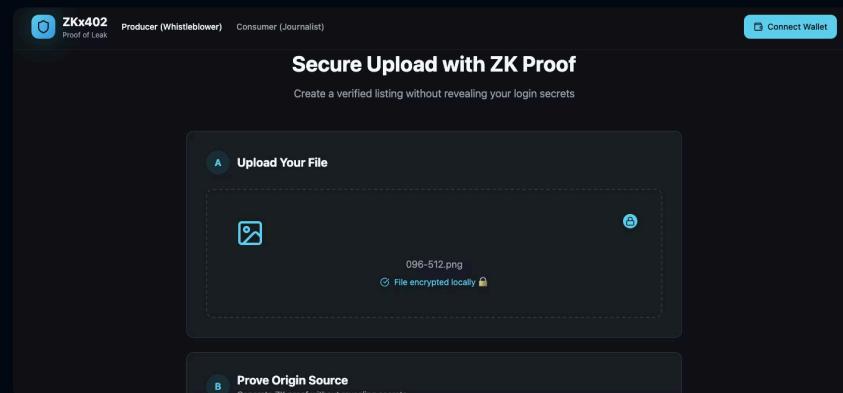
Inherit journalist discounts via attestations. Buy leaks with x402 payments on Base—no human intervention.

# 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

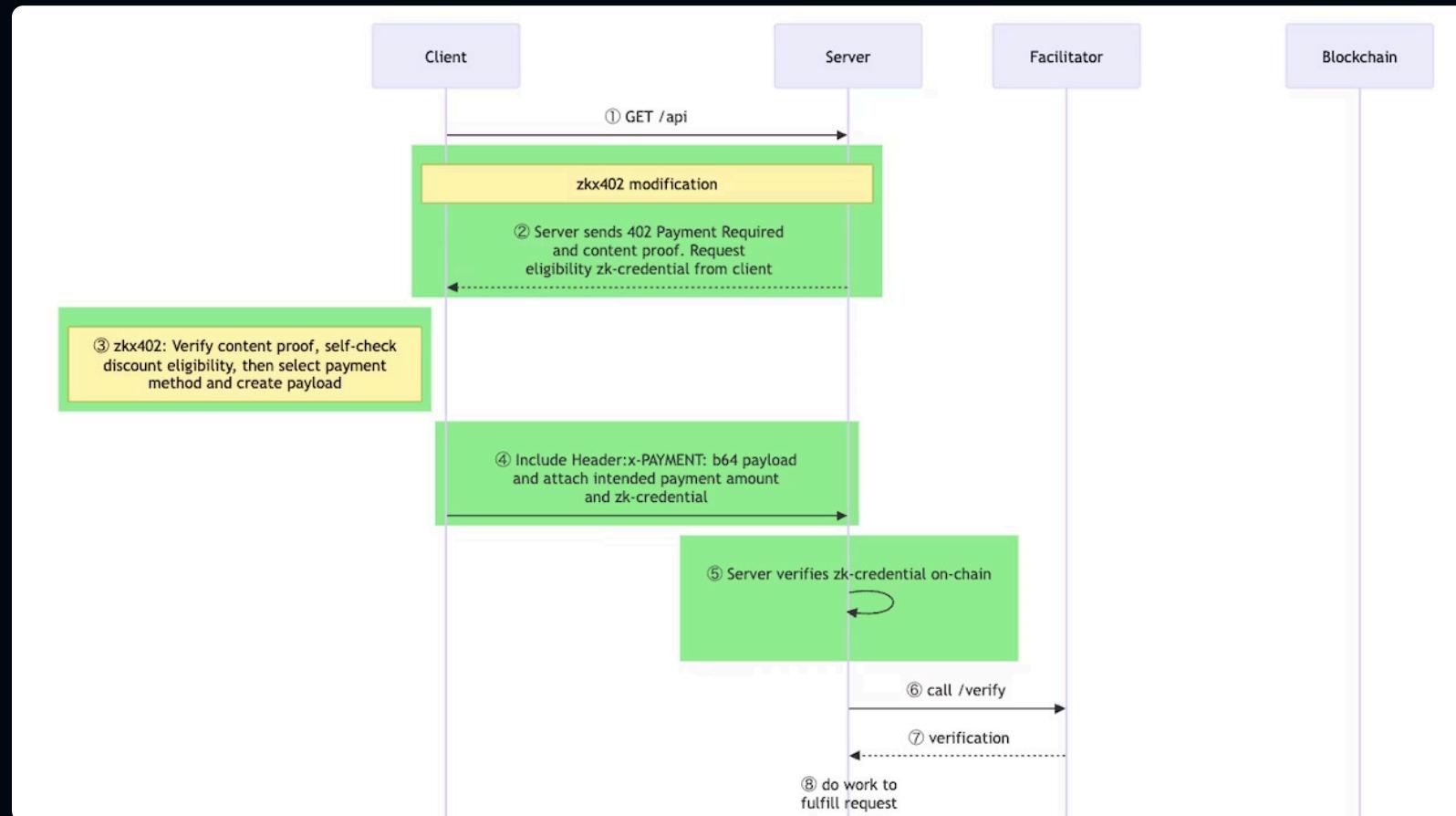
Verified journalists get discounts.



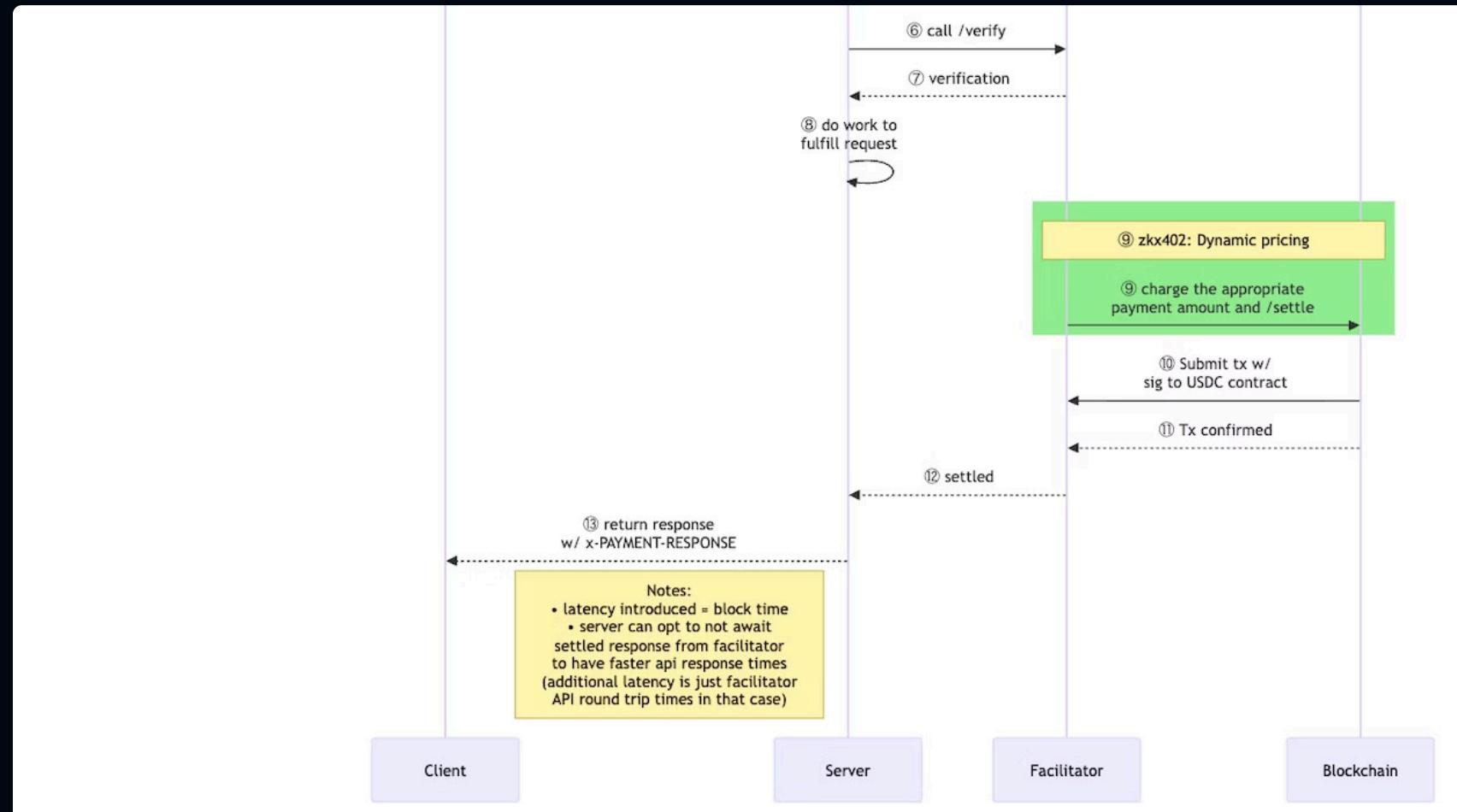
## Autonomous x402 Payments

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.

