



Created by Ordisprit

Built on Solana

Abstract

Ordisprit is a simple privacy protocol built on Solana, empowering users to encrypt and store personal data off-chain (via IPFS), while keeping only encrypted references on-chain. With a focus on self-custody, only users can decrypt and access their data-no shared permissions, no centralized access. An optional token unlocks premium privacy tools and encrypted sharing capabilities. Ordisprit redefines data ownership in the Web3 era.

Vision

"True privacy, ownership, and control in the decentralized world."

Ordisprit aims to make privacy-first tools simple and accessible for developers, traders, and anyone who wants full control of their personal or sensitive information.

Key Features

- True Data Ownership: No shared access-only the user can decrypt their data.
- Off-Chain Storage: Store encrypted data on IPFS or Arweave.
- On-Chain Encryption Links: Minimal data on-chain-only encrypted pointers.
- Built on Solana: Ultra-fast, low-fee blockchain infrastructure.
- Premium Privacy Tools: Optional token to unlock advanced features.
- Private AI Assistant: Local, encrypted AI for personal queries and privacy management.

Architecture

Data is encrypted locally by the user, then uploaded to IPFS or Arweave. Only the encrypted CID (content identifier) is stored on Solana. The system ensures end-to-end encryption using AES-256 or NaCl, with a zero-knowledge storage model.

Storage & Security

Data is stored off-chain using IPFS for scalability and redundancy. The on-chain Solana layer stores only encrypted CIDs. Encryption is done before data leaves the user's device. Arweave ensures permanence; IPFS data can be pinned redundantly.

Token Utility (Optional)

An optional Ordisprit Token enables:

- Encrypted data sharing with permissions
- Time-limited access grants
- AI Assistant upgrades
- Priority network bandwidth

AI Assistant

Ordisprit integrates a private AI assistant that:

- Analyzes encrypted data locally
- Manages permissions and storage
- Answers user queries without cloud processing

User Flow

- Create Account: Sign up securely via wallet.
- Fund Wallet: Add SOL or supported tokens.
- Encrypt & Upload: Encrypt locally, upload to IPFS.

- Save Reference: Store encrypted CID on Solana.
- Control Data: Manage access and update or revoke as needed.

Use Cases

- Health records
- Private trading data
- Identity metadata
- Journals and logs
- Off-chain governance votes

FAQs

What is Ordisprit?

A privacy protocol for storing encrypted data off-chain with full user control.

Is it secure?

Yes. All data is encrypted before leaving your device.

What data can I store?

Any file or text-based information.

Can I update/delete my data?

Yes, using overwrites or deletion flags.

What does it cost?

Basic usage is free; advanced features need tokens.

Are all wallets supported?

Most Solana-compatible wallets are supported.

Roadmap

- Q1 2025: MVP Launch on Solana
- Q2 2025: Token + Premium Features
- Q3 2025: AI Assistant Beta
- Q4 2025: DAO Governance
- 2026: Cross-chain support

Conclusion

Ordisprit sets a new privacy standard in Web3. With encrypted off-chain storage, on-chain security, and a privacy-first AI assistant, Ordisprit gives users complete control of their digital lives.