COLDSTAR

Coldstar

Reputation-Gated Air-Gapped Cold Wallet for Solana

6
FairScore integration points

5
Reputation tiers

0
Other cold wallets with reputation

@buildcoldstar | Purple Squirrel Media | coldstar.dev

POWERED BY ✦ FairScale

Cold wallets are secure.
But blind.

▸ Best physical security in crypto — keys never touch the internet

▸ **Zero counterparty intelligence** — no idea who you're sending to

▸ Once signed offline, transactions are irreversible

▸ Every cold wallet today: Ledger, Trezor, Keystone — no reputation layer

Market Gap

$1.2B+ hardware wallet market

Zero products integrate on-chain reputation into the signing flow. Users are protected from key theft but fully exposed to social engineering, address poisoning, and scam recipients.

⚚ FairScale **FairScore at the**
point of no return

Every outbound transaction is checked against FairScale's
reputation API **before** it crosses the air gap for offline signing.

TIER	FAIRSCORE	COLDSTAR ACTION	TX LIMIT
Bronze	0 – 19	HARD BLOCK	Blocked
Silver	20 – 39	Soft Warning	10 SOL
Gold	40 – 59	Proceed	100 SOL
Platinum	60 – 79	Proceed	500 SOL
Diamond	80 – 100	Proceed	Unlimited

6 FairScore Integration Points ⚕ FairScale

FairScore is not decorative. It is a core gating mechanism.

1. Transaction Gating

Bronze = hard block. Silver = soft warning. Checked before every outbound transfer at the air-gap boundary.

2. Dynamic Limits

Transfer caps scale with reputation tier. Bronze: 0 SOL. Silver: 10. Gold: 100. Platinum: 500. Diamond: unlimited.

3. DAO Governance

Multi-sig vote weight influenced by voter's FairScore. Tier 5 = 2x multiplier. Tier 1 = cannot vote. Anti-Sybil.

4. Jupiter Screening

Token deployer addresses checked before swap creation. Low-tier contracts trigger warnings against honeypots and rugs.

5. Dashboard Badges

Color-coded reputation indicators in the portfolio panel. Every token issuer shows trust level inline.

6. MCP Agent Gates

AI agent autonomy scales with FairScore. Tier 3+ can execute. Tier 1-2 blocked. Prevents compromised agent drain.

Air-Gapped with
Online Reputation

```
ONLINE DEVICE              AIR-GAPPED USB
                      QR
 | FairScore API |   ──────▶  | Alpine Linux    |
 | Jupiter DEX   |            | Ed25519 Signing |
 | Pyth Oracles  |   ◀──────  | Key Storage     |
 | Rich Terminal UI |    QR   | Offline Only    |

        |
   Solana Mainnet
```

FairScore Flow

› User enters recipient address

› Online device queries FairScale API

› Score embedded in QR payload

› Offline device shows score for verification

› User confirms → signs → returns via QR

Key Design Decisions

› Air-gap device NEVER contacts API

› 5-minute TTL response cache

› Graceful degradation on API failure

› Real FairScale API (api2.fairscale.xyz)

Coldstar Architecture

Only cold wallet with on-chain reputation

$1.2B+
Hardware wallet market (Ledger, Trezor, Keystone)

$0
Reputation-gated cold wallet competitors

50M+
Active Solana wallets (potential addressable market)

Target Segments

› **Solana power users** — self-custody, high-value holdings
› **DAO treasuries** — multi-sig with reputation-gated signing
› **AI agent operators** — autonomous wallets need trust boundaries
› **Institutions** — compliance + on-chain risk scoring

Why Now

FairScale makes reputation a primitive on Solana. Coldstar is the first product to integrate it at the most critical point — the moment before an irreversible signature.

Business Model

FREE	**$0**	Open-source CLI. Basic FairScore gating, wallet operations, Jupiter swaps. Community growth engine.
PRO	**$9.99**/mo	Advanced analytics, custom tier thresholds, priority API cache, historical reputation tracking, export reports.
ENTERPRISE	**$99**/mo	Multi-wallet management, DAO treasury integration, compliance reporting, webhook alerts, custom gating rules.
HARDWARE	**$29.99**	Pre-configured USB kit — Alpine Linux, Coldstar pre-installed, air-gap ready. Plug-and-play cold storage.

$10K
MRR target — 12 months

1,000
Pro subscribers needed

User Acquisition

100 **Hackathon Community**
FairScale Fairathon participants, Colosseum hackathon alumni, Solana developer Discord seeding. Direct outreach to builders who already use FairScale.

1K **Content + Partnerships**
Launch thread on X, YouTube demo content, partnership integrations with Jupiter and FairScale. Cold wallet security content targeting crypto security communities.

10K **Agent Economy + Institutional**
MCP agent operators need trust boundaries for autonomous wallets. DAO treasuries need compliance-grade signing. Coldstar becomes the standard for reputation-gated cold storage.

Competitive Landscape

	LEDGER	TREZOR	KEYSTONE	COLDSTAR
Air-gapped signing	No	No	Yes	Yes
Reputation scoring	No	No	No	FairScore
TX gating by trust	No	No	No	5 tiers
Dynamic limits	No	No	No	Per-tier
Solana native	Yes	Yes	Yes	Yes
Open source	No	Yes	Partial	MIT
AI agent support	No	No	No	MCP gates
Price	$79+	$69+	$119+	Free / $9.99

What We've Shipped

2,500+

Lines of production Python

13

Source modules

5

Protocol integrations

Live & Deployed

› coldstar.dev — live website
› Public GitHub repository (MIT)
› Full air-gap signing flow with QR codes
› Rich TUI dashboard with real-time data

Protocol Stack

› FairScale — reputation scoring (6 points)
› Jupiter — DEX swap integration
› Pyth — real-time price oracles
› Squads — multi-sig governance
› Meteora — liquidity management

INTEGRATIONS   ⭐ FairScale   SOLANA FOUNDATION   ⓅPYTH   ☐ SQUADS   〰️ Meteora

Solo Founder.
Full Stack.

▸ **Purple Squirrel Media** — coldstar.dev

▸ Polyglot: Python, TypeScript, Rust, Ruby, Go

▸ Deep Solana ecosystem experience — Jupiter, Pyth, Anchor, SPL

▸ Built Coldstar from zero to live in **10 days**

▸ Shipped 1,800+ commits across production projects

Execution Speed

Coldstar went from zero to live deployment with FairScore integration, Jupiter swaps, Pyth price feeds, QR-code air-gap signing, and a Rich TUI dashboard — all in a single 10-day sprint.

What's Next

NOW
Core Platform

FairScore gating, air-gap signing, Jupiter swaps, TUI dashboard, devnet deployment

Q2 2026
Mainnet + Pro Tier

Mainnet deployment, Pro subscriptions, advanced analytics, historical reputation tracking

Q3 2026
Hardware Kit

Pre-configured USB devices, plug-and-play air-gapped cold storage with FairScore built in

Q4 2026
Enterprise + Agents

Multi-wallet management, DAO treasury integration, MCP agent autonomy framework, compliance reporting

COLDSTAR
BY STARBLAZE TECHNOLOGIES

The future of cold storage is intelligent.

LIVE	GITHUB	X
coldstar.dev	**ExpertVagabond/coldstar-colosseum**	**@buildcoldstar**

Purple Squirrel Media | coldstar.dev | FairScale Fairathon 2026

POWERED BY ✦ FairScale