



Infrastructure for the Next Generation of Solana

Open-source, air-gapped signing infrastructure.
Turn any USB drive into a cold wallet.



\$50 - \$300 Entry Fee

Proprietary hardware blocks widespread adoption.



Supply Chain Risk

Black-box secure elements require blind trust in manufacturers.



Agent-Hostile

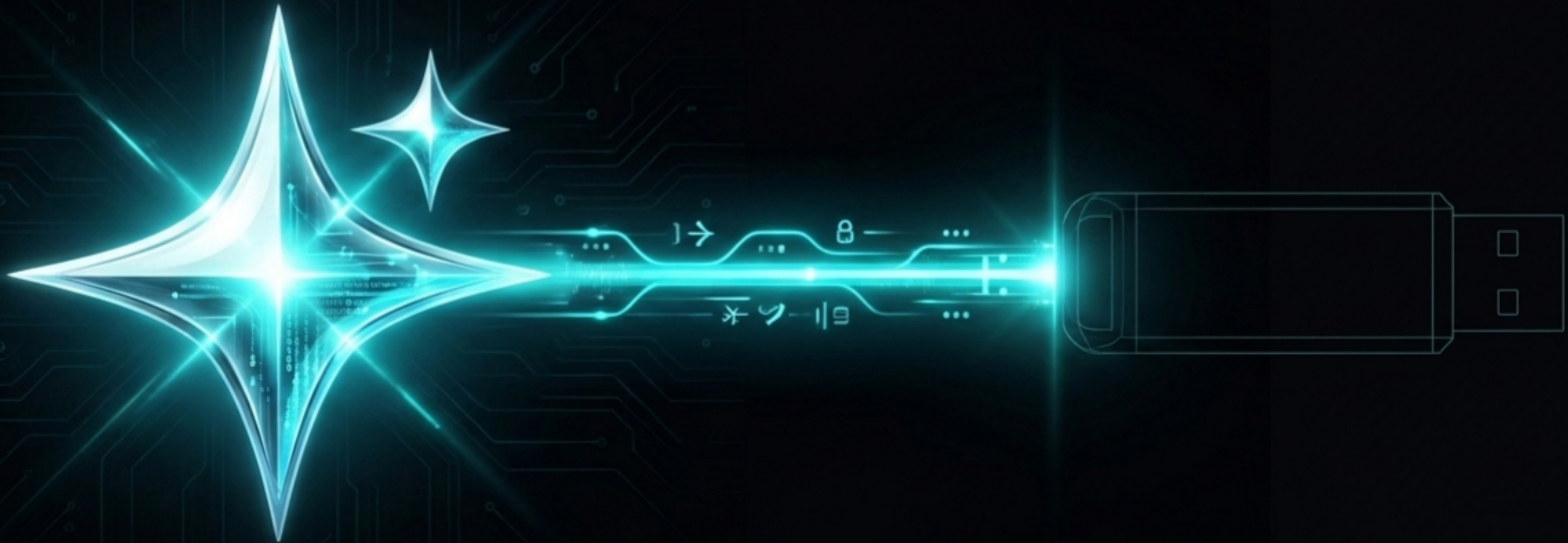
Flashy consumer interfaces block autonomous DAOs and AI agents from using cold security in practice.

Getting hardware-grade security shouldn't require buying hardware.

The New Standard for Hardware-Grade Security

Coldstar turns ordinary USB drives into open-source cold wallets.
No vendor lock-in. No proprietary firmware. Just verifiable cryptography.

[AES-256-GCM] [ARGON2ID] [RUST CORE]



THE NEW STANDARD FOR HARDWARE-GRADE SECURITY

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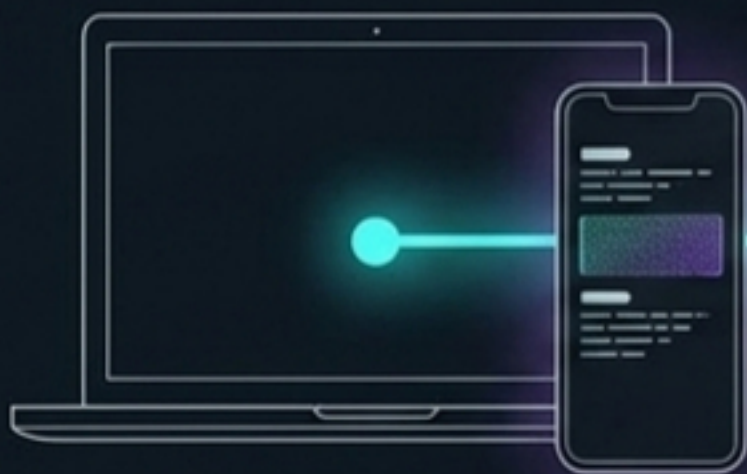
	Traditional Hardware Wallets	Standard Hot Wallets	Coldstar Infrastructure
Hardware Cost	\$50-\$300	\$0	\$0
Supply Chain Risk	High	Low	None (BYO Drive)
Vendor Lock-in	Yes	No	None
Agent-Safe	No	No (Key Exposed)	Yes (via Policy)
Transparency	Black Box	Varies	Fully Open Source

Verify-me over trust-me. The entire signing path is open source.

THE NEW STANDARD FOR HARDWARE-GRADE SECURITY

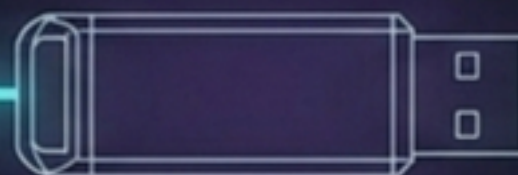
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Step 1: PREPARE (Online)



Build the transaction online.
Create the envelope.

Step 2: TRANSPORT (Physical Airgap)



Carry the transaction file via
standard USB media.

Step 3: SIGN (Offline)



Boot the Coldstar CLI. Sign offline.
Return the signed envelope to broadcast.

The signing machine never touches a network connection.

THE MICROSECOND PRIVATE KEY LIFECYCLE

PHASE 1

AT REST
(STORAGE)



Encrypted at rest via
AES-256-GCM + Argon2id
stretching.

PHASE 2

THE DECRYPTION
MICROSECOND (RAM)



Decrypted only in locked
memory (mlock). Never
written to disk in plaintext.

PHASE 3

ZEROIZATION
(CLEANUP)



Zeroized immediately
after signing. Cleaned up
automatically on panic.

Trust RAM-only key exposure. The raw private key
never touches a network and never persists.

The Flagship Platform: Solana Seeker

Coldstar ships natively as a Seeker app on the Solana dApp Store. The mobile device acts as the connected hot interface to prepare transactions, passing them seamlessly via USB-C to the offline drive for secure signing.



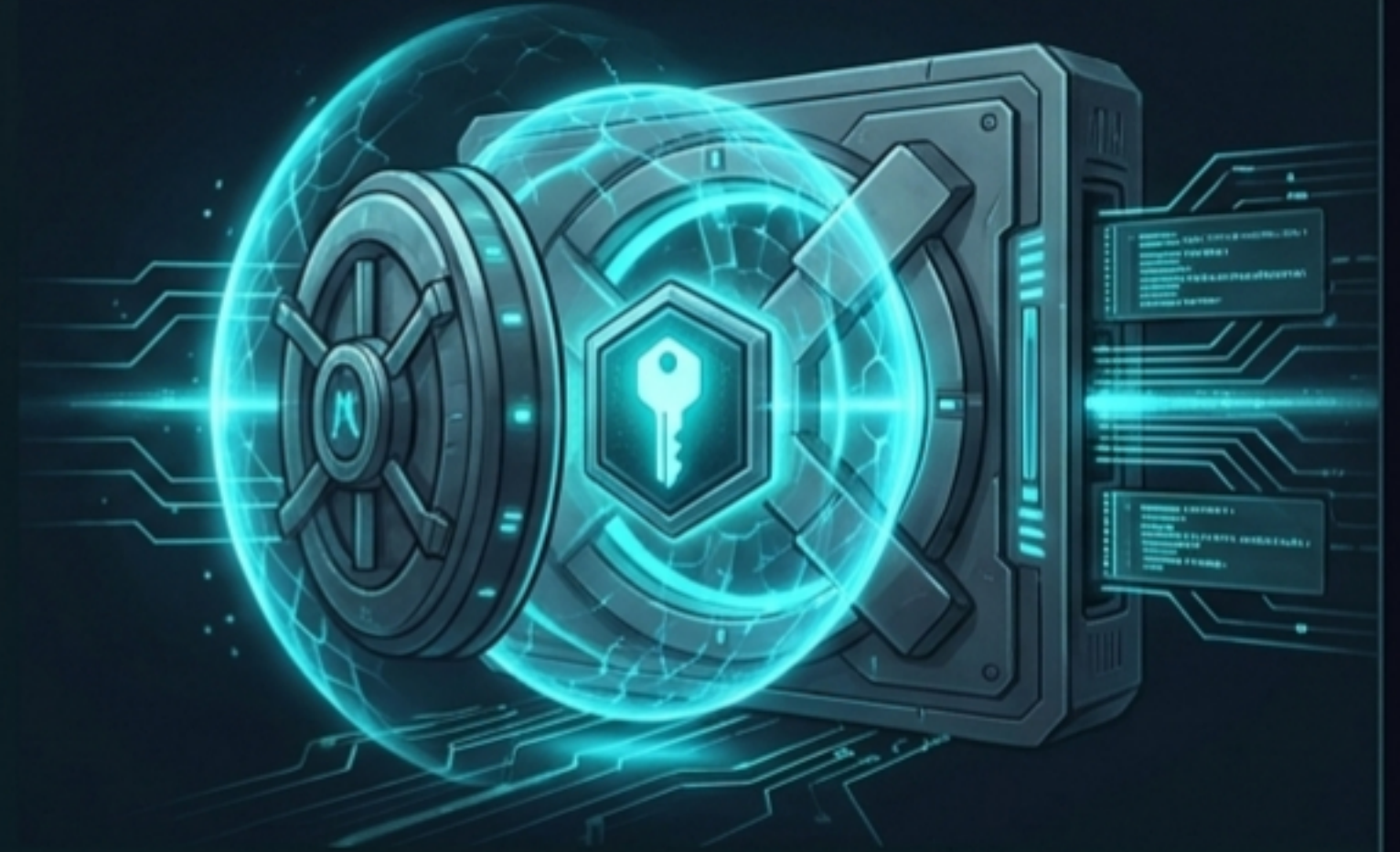
The Tension

AI agents are moving real value. Handing an agent a raw private key means one prompt injection empties the wallet.



The Resolution

An air-gapped root of trust. The cold key signs the policy, not the transaction.



An autonomous agent cannot wait for a human to carry a USB drive. By bounding an agent inside a hot, temporary session key, Coldstar allows AI to transact securely while the master key remains fully air-gapped.

Compute

The Agent proposes transactions inside an attested TEE (e.g., Phala dstack).



Custody

Hot session keys reside in Seeker Secure Element or volatile memory.



Authorization

On-chain policy accounts enforce spend limits, whitelists, and time windows.



The Root of Trust

COLDSTAR

BY CHAINLABS TECHNOLOGIES

Air-gapped Coldstar. Only touched to update policies, approve high-value actions, or recover.

Universal Assets

Signs any SPL token, including tokenized Real-World Assets (RWAs).

Swap Routing

Best-price Jupiter routing directly through the air-gapped flow. 1% platform fee (capped at \$10).

COLDSTAR Core

Jito Staking

Native integration for cold-signed SOL staking with Jito.

\$COLD Utility Token: Live on Meteora. Value accrues through infrastructure fees as agent usage scales. Mint & freeze authority revoked.

[AUDIT_IN_MOTION]

Third-party cryptographic review of the open-source signing path currently underway with Hashlock.

[JITO_INTEGRATION]

Deployment of the dedicated cold-signed staking flow.

[AGENT_POLICY_LAYER]

On-chain policy accounts, session-key delegation, and TEE attestation checks for seamless agent operations.

[BASE_EXPANSION]

Bringing the Solana core architecture to Ethereum L2s. True multi-chain cold storage.



BUILD YOUR FORTRESS.

The ultimate standard for human, DAO, and AI-agent self-custody.

```
> pip install coldstar  
> coldstar.dev  
> @buildcoldstar
```

COLDSTAR