

SOLCRED Whitepaper

A Decentralized Lending & Borrowing Platform on Solana

Version 1.0 | January 2025

1. Introduction

SOLCRED is a decentralized lending and borrowing platform built on the Solana blockchain. It enables users to borrow SOL or stablecoins using any token as collateral while offering high-yield, AI-protected lending. SOLCRED ensures security by using AI-powered token analysis and a decentralized insurance fund to protect lenders from borrower defaults. With a limited membership model (only 2,000 users), SOLCRED creates scarcity and enhances token demand for \$SRD.

2. Problem Statement

DeFi lending platforms currently face major challenges, including:

- High Liquidation Risks: Many lending protocols automatically liquidate collateral if prices drop, causing unnecessary losses.
- Lack of Borrower Trust: Borrowers cannot use newer tokens as collateral, restricting liquidity options.
- Unsustainable Yield Models: High APYs often collapse due to unsustainable tokenomics.
- Scam & Rugpull Risks: Many DeFi users lose money due to fraudulent tokens.

SOLCRED solves these issues by leveraging AI-driven security, an insured lending system, and a sustainable token economy.

3. How SOLCRED Works

SOLCRED allows users to borrow and lend in a decentralized manner with AI-backed security. Here's how the process works:

For Borrowers:

- Deposit any token as collateral.
- AI evaluates the token based on liquidity, security, and fraud risks.
- If approved, borrow up to 500 SOL or stablecoins instantly.

- Pay a 5% daily fee upfront for 7 days (refunded if repaid early).
- Repay the loan to reclaim collateral. If not repaid, collateral is liquidated.

For Lenders:

- Deposit SOL, USDT, or USDC into SOLCRED's lending pool.
- Earn 1% daily interest (365% APY), secured by the insurance fund.
- AI ensures only verified borrowers receive funds.
- Funds remain insured, covering lender losses if defaults occur.

4. \$SRD Tokenomics

Total Supply: 2,000,000 \$SRD (Fixed, No Inflation)

Utility:

- Membership Access: Users must hold at least 1 \$SRD to borrow or lend.
- Governance Rights: Holders vote on lending parameters and protocol changes.
- Burn Mechanism: 10% of platform fees are used to buy back and burn \$SRD.
- Fee Discounts: Borrowers and lenders enjoy reduced fees by holding \$SRD.

Token Distribution:

- Community & Whitelist Sale: 70%
- Team & Development: 10% (12-month lockup)
- Partnerships & Growth: 7%
- Treasury & Staking Rewards: 10%
- Burn Mechanism: 10% of fees allocated for reducing supply.

5. Roadmap

January 2025:

- Website and social channels launch
- Whitepaper release and whitelist registration
- Smart contract audit by CertiK
- Strategic partnerships announced

February 2025:

- Pre-launch token sale begins
- AI-powered risk assessment system goes live
- ICO listing on decentralized exchanges
- Airdrop campaign for early supporters

March 2025:

- \$SRD Token Launch
- Raydium DEX Listing
- Cross-chain expansion to Ethereum
- NFT-backed loans introduced
- CEX Listings on major exchanges

6. Security & Compliance

Security is a core principle of SOLCRED. The platform ensures:

- AI-Driven Risk Assessment: All collateral is screened for fraud, liquidity, and stability.
- Insurance Fund: 10% of all fees are allocated to protect lenders against borrower defaults.
- Smart Contract Audits: SOLCRED undergoes audits by CertiK to ensure platform safety.
- KYC Compliance: Large-scale lenders and institutional borrowers undergo KYC verification.

7. Market Positioning & Growth Strategy

SOLCRED is positioned as the first AI-powered, decentralized lending platform on Solana, combining high-yield staking with institutional-grade security.

Target Audience:

- Crypto traders needing quick liquidity without selling assets.
- Yield farmers seeking safer, fixed returns (365% APY).

Demand Drivers:

- Scarcity: Only 2,000 users can access the platform, creating FOMO.
- Token Appreciation: Post-launch, \$SRD price doubles on Raydium (10 SOL -> 20 SOL).
- Whale Appeal: Large investors compete to buy \$SRD for exclusive access.

Projected Growth:

- If demand hits 10,000 users (5x supply), \$SRD could 100x due to fixed supply and burning.

8. FAQs

1. How does SOLCRED work? SOLCRED enables users to borrow and lend crypto using AI-powered risk assessments.
2. What happens if I don't repay? Your collateral is liquidated, and access to SOLCRED is revoked.
3. How sustainable is the 1% daily return? Borrower fees fund the returns, ensuring a balanced ecosystem.
4. Can I withdraw funds anytime? Yes, as long as they are not actively loaned out.
5. Is my deposit safe? Yes, with AI screening and an insurance fund for added protection.

6. Where can I trade \$SRD? \$SRD will be available on Raydium and later on centralized exchanges.