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Getting Started

Introduction to Ranger Earn

Modular infrastructure layer for structured yield strategies on Solana

Ranger Earn opens up access to sophisticated yield generation strategies on Solana to anyone. Through our Vaults, users can participate in automated yield optimization without requiring deep knowledge of underlying DeFi protocols or complex trading strategies. Ranger Earn is a permissionless

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framework enabling anyone — from renowned hedge funds to boutique funds — to create and manage yield-generating vaults. These vaults automatically identify and allocate capital to the most attractive opportunities across Solana's DeFi ecosystem.

Allocation Strategy Examples

- APY Maximizer
- Risk-Weighted
- Liquidation Protection
- Yield Optimization

- Monitor real-time APYs across all integrated lending protocols (Solend, Drift, Marginfi, Kamino)
- Calculate true APY including base lending rates, rewards token values, and gas costs for rebalancing
- Dynamically reallocate capital to highest yielding protocol
- Implement minimum time locks between reallocations to prevent excessive churn

- Assign risk scores to protocols based on TVL, audit status, historical exploits, and protocol maturity
- Weight allocations inversely to risk scores
- Set maximum allocation caps per risk tier
- Maintain minimum diversification across 3+ protocols

- Monitor health factors across lending positions
- Keep buffer in low-risk protocols for quick deleverage
- Set dynamic allocation limits based on market volatility, protocol utilization rates, and collateral factors
- Automatically reduce positions approaching liquidation thresholds

- Monitor lending rates across all integrated protocols in real-time
- Simulate price impact and rebalance when projected returns exceed thresholds
- Capture yield peaks across platforms while avoiding dips through dynamic routing

Who is Ranger Earn for?

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Users

Deposit assets into automated high-yield vaults with a simple interface
↗

Vault Owners

Create and manage yield-generating vaults with custom strategies
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DeFi Protocols

Integrate your protocol with Ranger Earn vaults via custom adaptors
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Developers

Build with our REST API and TypeScript SDK



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[How It Works]

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