



PATROL DAO
LITEPAPER

SOLPATROL.IO

Introduction

Sol Patrol (Patrol DAO) is a quant-DAO created to promote NFT portfolio diversification, risk-management and long-term holding through our Safe House, Jail, partnership relationships and analytical tools designed to reduce investor risk.

Safe-House

Holders of Sol Patrol and partnered NFT collections receive passive-rewards in our token, \$BAIL, for holding NFTs in their wallet (delisted). These rewards are tied to each collection's fair market value and multiplied by the total quantity of NFTs soft-staked¹ in a wallet. The token rewards are claimable every Sunday and will be open until the next claim period begins.

Jail

The jail is a collection of undervalued NFTs bought off secondary at the direction of our DAO. At any time, a Sol Patrol holder can post-\$BAIL to mint from this collection. Effectively, holders spend \$BAIL to receive a random NFT from our vault.²

Patrol Report

In approximately two weeks, Sol Patrol holders will have access to The Patrol Report dashboard on our website. This dashboard displays detailed analysis of each new completed mint on Solana giving investors a quantitative edge over a whitelisted participant. A variety of variables are analyzed to identify strong buying opportunities on secondary markets. This is the first of many analytics tools to be released for Sol Patrol holders and will be constantly evolving as new theories and models are created by our DAO.

At Sol Patrol, we are creating a **quant-DAO** for retail and high-net investors. As the community matures, the DAO will be critical for creating new models and theories that can be implemented by our development team. We plan to expand our analytics tooling beyond Solana NFTs and are working towards hosting a private RPC node and validator node for our analytic tools and community members.

¹ soft-staking is used in Sol Patrol to mitigate counter-part risk. The NFTs stay in the user's wallet and on-chain data is analyzed to determine if the NFT has been listed to reduce the respective \$bail rewards

² posting-\$BAIL is analogous to a user minting an NFT. When the holder posts-\$bail they are rewarded with a random NFT from solpatrol.io/bail

Gamification

There are two distinct aspects to the Gamification of Sol Patrol. A holder of a Sol Patrol earns \$bail and the \$bail can be used to post-\$bail and release a NFT from the vault that is stocked by the DAO treasury:

A) Sol Patrol holder earns \$BAIL from not listing white-listed NFTs on secondary

Our staking system does not require any NFTs to be released from a wallet. Simply hold partnered NFTs in a wallet to be eligible for weekly \$BAIL claim (Sundays at 16:00 GMT). The amount of \$BAIL is calculated using the fair market value of the NFTs within the wallet. Meaning higher value NFTs will yield greater \$BAIL claims. Currently, weekly emissions are pegged to ten percent of total token liquidity within the liquidity pool. Twenty percent of the total weekly token claims is distributed to Sol Patrol NFTs only. Then, the remaining eighty percent is split according to each collection's fair market value (including Sol Patrol). Patrol holders are penalized in weekly \$BAIL if they list any partnered NFTs on secondary. Multiple wallets are permitted, but to be eligible for \$BAIL rewards, each wallet must hold at least one Sol Patrol.

B) Sol Patrol holder posts-\$BAIL from the vault that is stocked by the DAO treasury

Holders can post-\$BAIL for a set amount of \$BAIL tokens. All revenue generated from the Jail is burned (\$BAIL is also burned using 100% of royalties from NFT collection). The cost of posting \$BAIL is determined by the average fair market value of all the NFTs in the Jail and is pegged to the current market price of \$BAIL.

Quant DAO

The main vision of the Sol Patrol is to be the quantitative and analytics hub of cryptocurrency and NFT investing/trading. As the ecosystem continues to grow in maturity and value, we theorize that having quantitative market-edge over others is paramount for investors. By holding a patrol, one will be given a seat in the community (voting rights, market-alpha, access to community bounties, etc.) to have exclusive access to all tooling and models that are developed by our team and DAO. While the community itself is often the most powerful resource for any project, ours will be leveraged heavily to build new models and theories.

In two weeks, we will release the beta version of the Patrol Report dashboard on our website. This tool gives holders detailed analyses of every mint directly after the mint has completed. The goal is to find low-risk investments that have a high probability of increasing in value post-mint. A prime example of this is the Boryoku Dragonz mint. Many prominent communities minted the project, but it remained undervalued on secondary for a period directly post-mint. By analyzing each new Solana mint upon completion, The Patrol Report enables users to make educated investments into projects with high upside potential on secondary markets.

Tokenomics

The total token supply of \$BAIL is 5B. \$BAIL is deflationary as 100% of royalties from the Sol Patrol NFT collection is used to burn \$BAIL and all accrued \$BAIL from the Main Jail is burned.

- 50% Patrol Prison Rewards
- 15% Posting-\$bail Funds
- 10% Sol Patrol Buyback
- 10% Token Liquidity
- 8% Marketing
- 7% Team Funds (Vested)