StreamFlow Light Paper

September 2021



Payment and fundraising products to grow the Solana and Serum ecosystems

About this document

This document aims to provide the reader with a better perspective of StreamFlow's vision, mission, guiding principles, and tools. It is not finalised and will likely evolve as StreamFlow evolves. Notable changes will be recorded at the end of the document.

Introduction

Distributed ledger technology is still in its early phase. Whether the use case is trading, decentralized finance and programmable money, digital art and NFTs, decentralized forms of governance, tokenized assets, supply chains or anything else — tools are needed to bridge the technology and complexity gaps.

Tools that will make a great user experience, whoever the user might be. Those tools will help onboarding 1 billion users to the blockchain.

Vision and Mission

Blockchain has enabled some breakthroughs that haven't been possible before without a trusted intermediary. Concepts like programmable money and truly decentralized and democratic governance can be guaranteed by the auditable software, minimizing the need for trust and removing one or several intermediaries from the interaction between participants.

Our vision is to bring adoption of those breakthroughs, first to crypto, and later to traditional (non-crypto) businesses and organizations.

Our mission is to facilitate growth of teams and organizations with a suite of payment and fundraising-related products and let them (businesses) focus on their own business.

Guiding Principles

Tools we build are open-source, as we believe in "co-opetion" (both cooperation and competition), working towards the common goal of bringing more people "on chain". Making source code available allows developers to learn and advance their tools, which, in turn, will bring more people to the chain.

This transparency is nurtured and valued at all levels, not just the code.

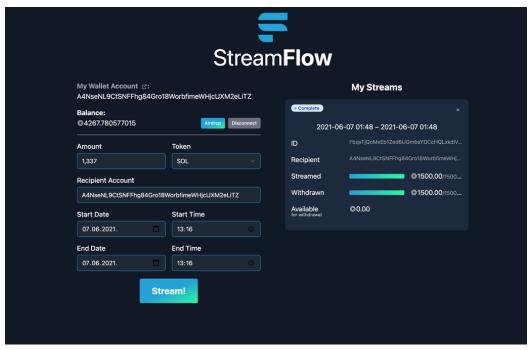
We opted for building on Solana due to its fast transaction confirmation times, very low fees, and great underlying technology. However, we intend to integrate/build our tools on other performant chains, as well.

Product suite (initial)

- Stream payments
- Token vesting
- Batch & Multisig payments
- ...more to come

Stream payments

A streaming payment (or simply – Stream) represents a progressively released payment. This is the first product we started building. More information here.



Interface of a MVP developed in during Solana Season hackathon

Token Vesting

Open-source, auditable, verifiable, programmable, trust-minimized, and **transferable** Token Vesting Contracts for investors and team members.

We are exploring options to make vesting contracts **tradeable** via decentralized, non-custodial escrow service.

Payroll & multi-signature payments

Simple, elegant solution for one-to-many payments of arbitrary amounts of any SPL tokens.

In addition, solution multi signature transactions that we're aware of.

Token

Note: token and tokenomics are being drafted.

STRM is a DAO governance token that accrues value from all of our products. Large percentage of fees across the product suite, as well as yield earned from lending the locked liquidity (via stream payments) will be used for buyback & make of the **STRM** token. Tokens bought back don't hold governing rights, but are rather put into a DAO-controller treasury.

About us

We're a team of developers exploring application of blockchain technology with the focus on the payments and DAOs.