TL;DR

Use Sablier for Sakura's token vesting and grants.

What is Sablier?

Sablier is a token streaming protocol available on eight chains, including Ethereum, Optimism, Arbitrum, and Polygon. It is the first of its kind to have ever been built in web3, tracing its origins back to 2019. Today, hundreds of organizations like Shapeshift, Nouns DAO, VitaDAO, and Reflexer use Sablier for vesting, payroll, airdrops, and more. In total, more than 42k Sablier streams have been created.

The protocol features a streaming model Lockup, in which the sender locks up a specified amount of ERC-20 tokens in a contract. The contract progressively allocates the funds to the designated recipient, who can access them as they become available over time. The streaming rate is influenced by various factors, including the start and end times, as well as the total amount of assets locked up.

For more details, please visit our website and our documentation.

What problems does token streaming solve?

Traditional vesting processes and grants suffer from three key problems.

1. Payments need to be made manually over a long period of time, requiring ongoing efforts from the treasury management team. Conversely, Sablier streams only have to be set up once. You just have to provide the total duration of the stream (can be a month, a year, or even multiple years) and that's it. There's no further action needed from you again, ever, unless you want to cancel the stream.

2. Discrete payments lack transparency because it's hard to aggregate them. When the tokens are streamed, anyone can check the Sablier interfaces to monitor the status of a stream and all transactions associated to it. Here is an example of a stream.

3. Since traditional vesting contracts have a predictable release schedule, the day on which a vesting period ends may be used as a Schelling point for speculators. Certain recipients may intend on dumping their tokens as soon as they receive them. With streams, recipients receive a fraction of the total payment every second and can thus withdraw a portion of funds at any time — in effect, this solves the dumping problem.

4. Grants, as we know them, have issues. The traditional approach relies heavily on milestones or lump sum payments, either upfront or at the completion of the project. However, this poses a risk with grantees potentially abandoning the mission after receiving a part or the whole grant. Conversely, grantees have to wait for the milestones in order to receive their income, and payment delays sometimes happen.With token streaming, none of these problems occur, as the grantee is paid by the second. If the grantor notices that the grantee stopped working, they can simply cancel the stream, and get the funds back which haven't yet been streamed.

Why should subDAOs use Sablier?

Sablier is entirely free to use, has no token, and is a proven solution with a TVL of $64M~~+~~according to DefiLlama.

In terms of features:

- End-to-end user experience:

we offer a platform for both senders and recipients to monitor and manage their outgoing and incoming streams. Every stream is associated with a unique link, which makes it easy to share the status of a stream with other people.

- Flexibility:

the payment granularity can be continuous (every second), discrete (every day, every week, etc.), or even non-linear (exponential, logarithmic, etc.). Cliffs are supported. Advanced payment schemes, such as back-loaded vesting, can be created with Lockup Dynamic.

- Batch:

it is possible to create up to ~100 streams with one transaction.

- Cancelability:

streams can be either cancelable or non-cancelable. If cancelable, the sender can recover the unstreamed funds in case an employee/contributor leaves or if certain KPIs aren't met while the stream is still running.

- Transferability:

every stream is wrapped in an NFT owned by the recipient. The NFTs are visually represented on-chain generated hourglass SVGs.

- Flexibility:

streams can by created via our interface, by manually calling our contracts, or via our Safe multisig app, making Sablier a great fit for any set up.

Conclusion

Sablier is a protocol that has stood the test of time and that can provide subDAOs with a great web3-native solution for vesting and grants. We would love for you to become a Sablier user.

Thank you for considering us.

Technicals

- Links:

Twitter - Website - GitHub - Discord - Blog

- Deployments:

our contract addresses can be found in the docs.

- TVL of $63M+

according to DefiLlama across all versions of the Sablier protocol, as of October 26, 2023. Between 2021 and 2023, the median monthly TVL was $174M.

- Security:

two audits from Cantina, plus five other audits from individual auditors and other auditing firms. Sablier has never been hacked since its inception in 2019. We obsess over testing and security, and value code consistency and best practices. You can read about our coding practices here, and see some praise here, here and here.

- Fees:

similar to Uniswap, there is a built-in protocol fee that is currently set to zero. We have no plans to adjust it any time soon, as we are focusing on growth and will be for a long while. If we ever do adjust the protocol fee, it will be applied only to new streams (the fee is paid when creating the stream), not the ones previously created.

- Control:

Sablier is a completely permissionless protocol for token streaming. There are some peripheral parameters that can be configured through a multisig, but the core part of the protocol is decentralized and non-upgradeable. Crucially, we have no access to user funds. See our governance page in our docs for more info.