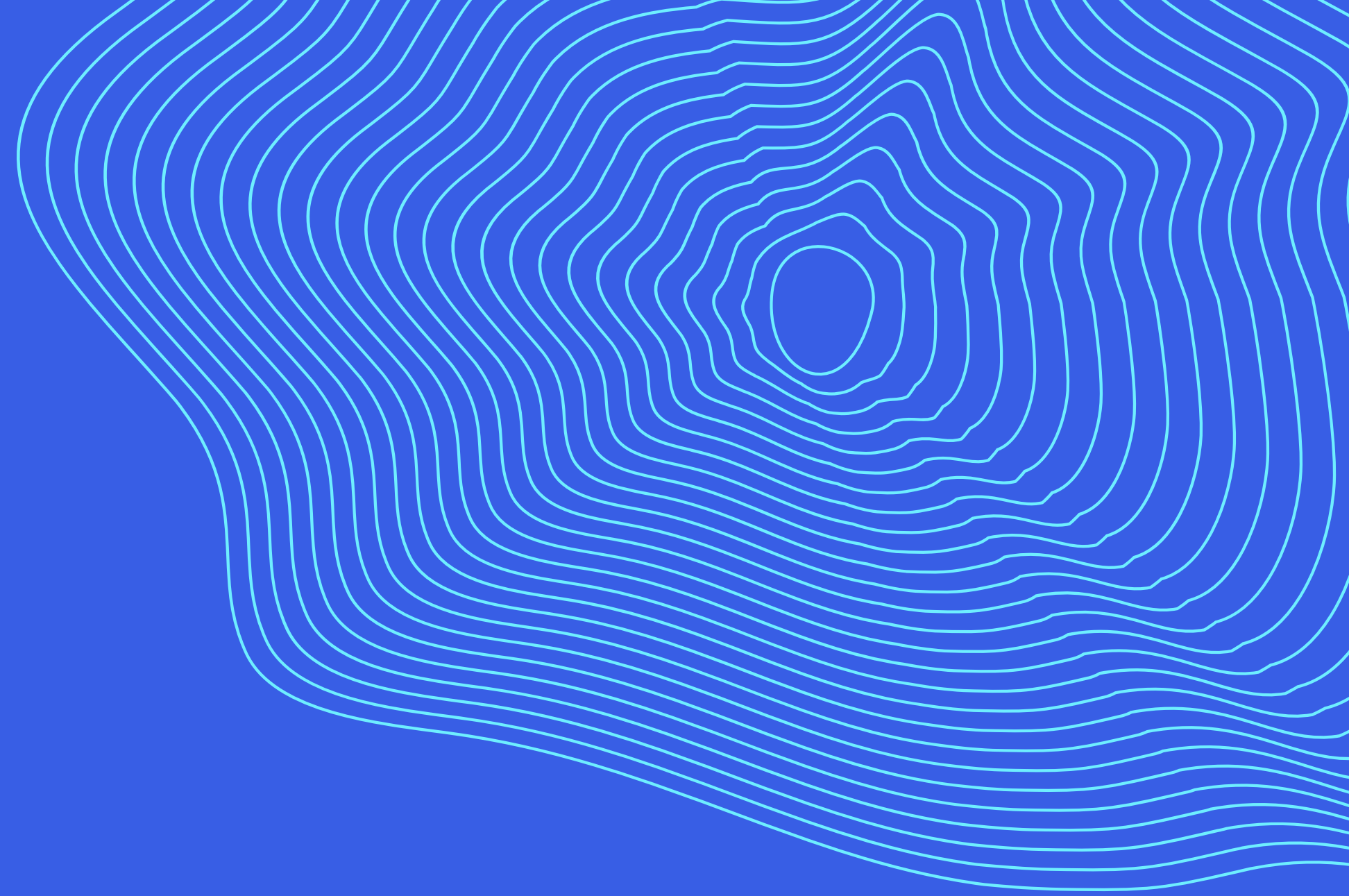


LITEPAPER 2021



Altostream

Changing the way you stream music everyday



Altostream is a music streaming platform powered by Blockchain. On this platform, artists get to upload musical content at their own pace. In essence, they would no longer need the support of music labels for them to share their creativity with the world.

Altostream uses blockchain's revolutionary tokenised economics to take control of the music industry back from corporate conglomerates and put it back in the hands of the creatives, curators and listeners

**We can end an
epidemic**

**Unjust treatment
of artists**



Low
Funds

Unfair
Platform Cut

Copyright Infringement



The missing link

Content Streaming

Decentralized
Ownership

Reward
Incentives

No Platform Cuts

Altostream Blockchain



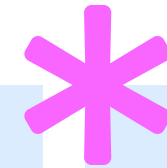
To fully motivate content creators and key persons in maintaining the long-term growth of music streaming platforms, apps utilising the Altostream platform would not take any cuts from direct payments between listeners and musicians.

In the user-generated content sharing industry, long-term growth cannot be maintained unless the majority of the profits go back to its creators, enabling them to produce more quality content

Altostream aims to achieve a balanced system to favor all its contributors and ensure every decision aligns with all parties **interests**.



To further motivate all contributors and users to keep the applications sustainable in a long run. The Altostream platform is designed to record and reward all its contributors as key stakeholders.



The Altostream platform is designed to allow network ownership and value to be distributed among its contributors and as these factors exist, it becomes more decentralised over time.



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The Altostream Blockchain contains [unique identifiers](#) for contributors, infrastructure providers, app developers, and validators, including listeners, allowing any music content platform to adopt the same usage to properly identify and record contributions made by stakeholders.

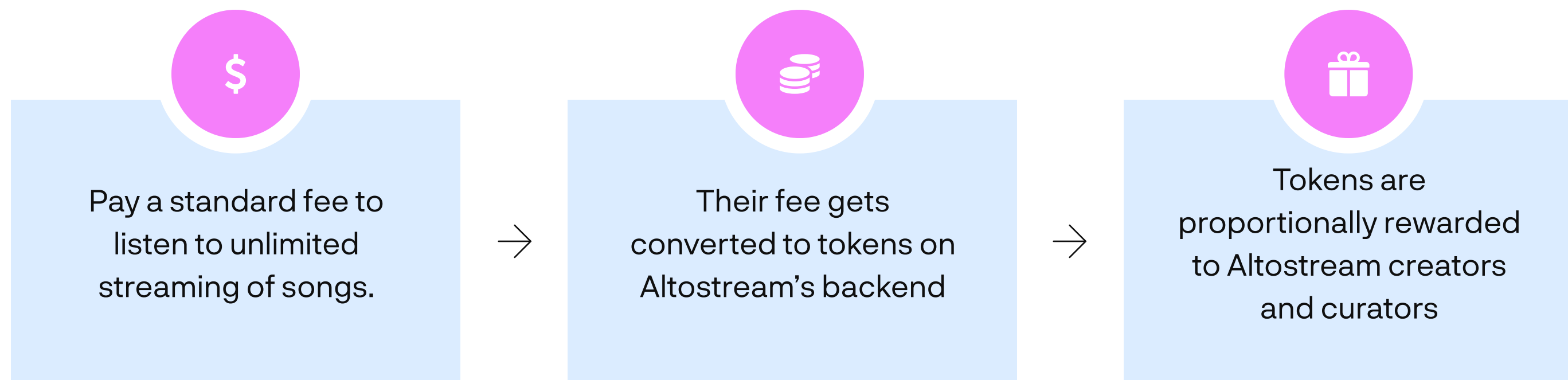
App developers can build apps using the infrastructure provided by Altostream for [content creators and viewers](#).

Alto Token



The core concept

\$ALTO tokens reward Creators for sharing their music on the platform, Curators for sharing and promoting the Creators' music, and the Community of music fans for engaging with Creators and Curators.



Use Case

For example, let's say the day is July 1st, 2021. Johnny subscribes to Altostream for \$7.99 a month to listen to unlimited ad-free streaming. Because Altostream just launched, doesn't have many users, and doesn't have many artists yet, it is worth 7999 tokens. At the end of the month, every artist (or playlist curator) he listened to for January will receive an allocation of his total tokens proportional to his engagement with their creative or curatorial value.

Now let's say it's a year later, January 1st, 2022. Johnny is still a subscriber at \$7.99 for unlimited streaming. However, Altostream is now far more popular, has many users, and many artists. Instead of Johnny's \$7.99 earning him 7999 tokens, it is now only worth 79 tokens.

Johnny can still listen to the same amount of unlimited music, and at the end of January, the artists (or playlist curators) still receive a proportional allocation of his total \$7.99 worth of tokens. It's just fewer tokens because the token price has increased 100x. They receive the same total payout value so they are happy and the early token holders are VERY happy because their tokens have appreciated 100x.



1,000,000,000

ALTO TOKENS

As Altostream's bank of 1,000,000,000 tokens draws down, the scarcity drives the price of each token to increase dramatically until it hits a market equilibrium. When artists want to sell their tokens and cash out they sell them back to Altostream at the current token price. Those tokens go back into the Altostream market for sale.

Community members will be incentivized to become Curators or even Creators in their own right, and could potentially be paid by Curators or Creators in \$ALTO to engage in promotional activity. The \$ALTO token creates an entire musical economic platform where the only limit to the Community's generativity is imagination.

Technical Features

Content Streaming



Scalable

Future-ready decentralized content streaming applications can leverage a high throughput rate of 3000-6000 TPS and low transaction fees.

Versatile

An open network for building new financial applications, digital assets, business applications, and data economies.

Secure

Highly tested PoS consensus mechanism
with increased security and Anti-reentrance attack
protection at the protocol level.

Why Altostream?





The leading streaming music companies — YouTube/Google, Spotify, SoundCloud, Apple, and others — have been routinely accused of treating artists poorly through duplicitous contract structures and low payments



Musicians produce and publish original songs, mix-tapes, and albums. They are the most critical contributors to any music streaming platform, and Altostream is designed to fully incentivize them to continuously produce high- quality music and soundtracks, keeping the whole system robust in the long term.



90% of all donations and paid subscriptions made using Altostream blockchain will be paid algorithmically to musicians and the remaining 10% will be held in reserve by the blockchain protocol and distributed to all ALTO Stakeholders as Voting Rewards for their contribution to the blockchain governance.

Competitive Analysis





Transparency

Transactions are fully transparent on Altostream. Users can view live transaction history on the blockchain explorer.



Smart Contracts

Digital content creators can get directly paid by their fans without having to give out large percentages of their sales to third-party intermediaries.



Accessibility and Ownership

Every content uploaded will be uniquely identified, metadata of contents are signed on the blockchain, and all contributors are paid accordingly.

Long Term: Altostream for Labels

- ▶ Management of Label/Artist Contract via smartcontracts.
- ▶ Blockchain-Based CDN - A Blockchain- powered Content Delivery Network (CDN) can help to utilize the collective unused space from the users worldwide by building decentralized applications
- ▶ Create untameable intellectual property records. Protect contract data with the security of Altostream.

Milestones and Roadmap



Milestones



Q4 -2019

Seed Round.
Hire initial 5 engineers.



Q1 - 2020

Complete MVP and
begin trials with early
artists.



Q1 - 2021

Private Beta Launch



Q3 - 2021

Raise Funds through VC,
Presale, and ICO.



Q4 -2021

Full Platform launch



Q1 - 2022

OnBoard over 10k artists
to upload songs and
masters.



Q2 - 2022

OnBoard over 20k
listeners

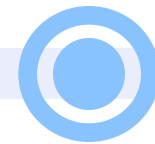
Development Roadmap



Q4 - 2019

Altostream Platform

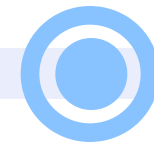
Underlying
Altostream software,
storage system, and
API



Q2 - 2020

Altostream Web - V1

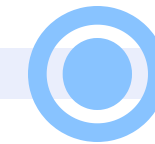
End-user web
application, developer
documentation site, and
website launch.



Q3 - 2020

Altostream iOS &
Android - V1

End-user mobile
application for
listeners



Q1 - 2021

Altostream Testnet

Launch Smartcontract
on Blockchain Testnet,
Web wallet

Development Roadmap



Q2 - 2021

Altostream BetaLaunch

OnBoarding first
500 wallet users



Q3 - 2021

Altostream Mainnet

Launch Artist Service
on Blockchain
Mainnet



Q4 - 2021

Altostream Web - V2

Start contract
management for
Label and Artist via CMS



Q1 - 2022

Altostream
Developer Tools

Client API's and
SDK's to allow
developers to
interface with the
platform



Q2 - 2022

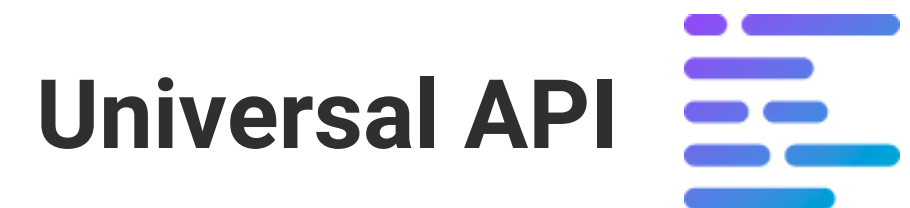
Altostream
Blockchain-Based CDN

Research on
Blockchain-powered
Content Delivery
Network (BDN).

Partners



Partners





support@altostream.app

<https://altostream.app>