

Alltoscan 2.0: A decentralized Multichain Block Explorer

July 4, 2023

alltoscan.com

Archived copy · cryp2nova.com

The Alltoscan Story

Alltoscan was founded in 2022 in response to the increasing prevalence of blockchain explorer services due to the growth of blockchain technology. It aimed to address the complexity arising from each blockchain-based ecosystem having its own blockchain explorer. Over the past year, Alltoscan has shifted its focus to providing API infrastructure for a movement known as Web3.

In response to this growth, Alltoscan has become one of the top 20 most preferred block explorers and has gained recognition as a critical infrastructure provider for multichain block explorers. However, as Alltoscan has evolved with the Web3 industry, the importance of decentralization in the infrastructure layer, especially, has become increasingly evident. Dependence on centralized infrastructure creates a single point of failure that contradicts the fundamental principles of decentralization and introduces risks such as unexpected downtime and increased censorship threats.

In the first three months, Alltoscan integrated Ethereum and Binance Smart Chain, along with Fantom, Avalanche, Polygon, Arbitrum, Syscon, Optimism, and Wanchain, allowing users to monitor their wallet activities and have control over all blocks and wallet transactions. Additionally, by partnering with popular Web3 Domain providers, Alltoscan enables users to query using their owned domain names.

Supported Web3 Domain providers: Unstoppable Domains, Bonfida SNS, Space ID, Freename.

9
Supported Chains

4
Supported Domains

157+
Global Regions

144K
Daily User

Archived copy · cryp2nova.com

Our Focus

The importance of multichain infrastructure cannot be overstated. Everything that is part of web3, including layer-1 blockchains, DeFi protocols, virtual worlds, centralized metaverses, and NFT projects, relies on nodes. Therefore, the growing demand for reliable, secure, and efficient node infrastructure should continue to increase as a whole in the development of web3.

Keeping this in mind, Alltoscan has a clear call: to provide the necessary API infrastructure to make web3 development easy and efficient. Alltoscan offers developers the multichain tools and API infrastructure they need to create new projects on web3. We do this in a manner that remains loyal to the web3 movement, with the ultimate goal of completely decentralizing infrastructure governance.

Providing services for these movements positions Alltoscan as a central supporting player, critical infrastructure provider for the overall growth of web3. Considering that DeFi, the metaverse, decentralized gaming, and other web3 industries are like budding new cities, Alltoscan is akin to a foundational power grid that enables all operations and will expand as this movement expands.

CRYP2NOVA

Archived copy · cryp2nova.com

Problem & Solution

CRYP2NOVA

Archived copy · cryp2nova.com

Problem

Blockchain technology's principles of data storage, processing, ownership, and transparency have led to rapid growth in the development of decentralized applications. However, existing solutions struggle with scalability, speed, and security issues and cater more to a tech-savvy user group rather than a broader user base.

To ensure widespread adoption of blockchain technology in the era of Web3, reliable blockchain infrastructures need to be combined with structures like scalable, cost-effective, and continuously evolving cloud solutions. This will encourage the creation of applications for a diverse user base. Additionally, due to the complexity of blockchain technology and limited knowledge about cryptocurrencies, there is a need for blockchain explorers. These explorers are essential for tracking and using cryptocurrencies.

In recent years, cryptocurrencies like Bitcoin, Ethereum, and Litecoin have gained popularity. However, understanding and tracking transactions made with these currencies involve the use of blockchain technology, which can be complex and challenging for beginners. Moreover, using and tracking cryptocurrencies can be difficult for those who lack sufficient knowledge about cryptocurrencies and blockchain technology.

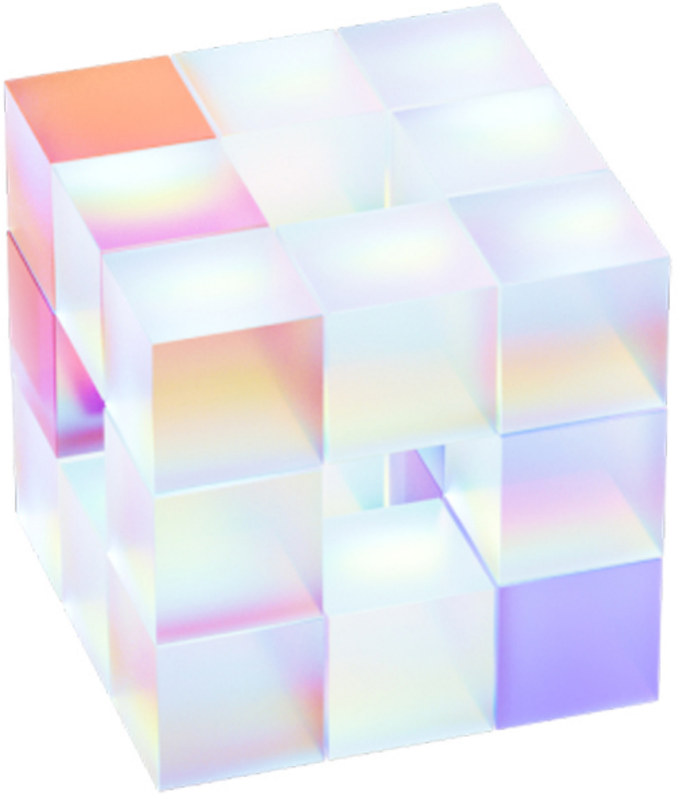


Archived copy · cryp2nova.com

Solution

By creating a multichain block explorer platform, Alltoscan enables its users to access data on various blockchain networks. The skilled development team has brought together the necessary technological knowledge and infrastructure to provide solutions ranging from everyday individual or corporate needs to the most complex user problems, anticipating future user requirements. The goal is to build a decentralized, integrated ecosystem consisting of products based on blockchain technology that offer fast, secure, and scalable solutions. Alltoscan is designed to anticipate scenarios where the use of blockchain technology and developer application integration will increase. The primary objective is for Alltoscan to develop a unique culture with its native applications and lead the human-centric evolution of blockchain explorer technology by shaping the ecosystem based on user input.

In this context, Alltoscan provides fast, easy, and comprehensible support to its community through its multichain and Web3 domain support, independent of the complex structures of different blockchain explorer platforms. It offers support across nine blockchain networks and three Web3 domain providers.



CRYP2NOVA

Archived copy · cryp2nova.com

Market Dimensions

CRYP2NOVA

Archived copy · cryp2nova.com

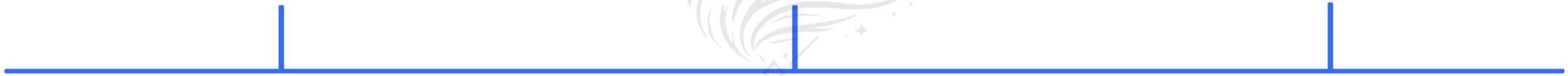
Market Dimensions

By 2023, global cryptocurrency ownership rates are estimated to average 4.2%, encompassing more than 420 million crypto users across the globe.

The global spending on blockchain solutions will reach $19 billion by 2024.

There are over 85 million bitcoin block explorer users worldwide as of January 2023.

Around 291015 to 205314 Bitcoin transactions are carried out in a single day as of January 2023.



CRYP2NOVA

Archived copy · cryp2nova.com

Alltoscan API

CRYP2NOVA

Archived copy · cryp2nova.com

Alltoscan API

We aim for our platform to be recognized by individual users, corporate companies, and developers alike. With the API service we provide for corporate companies and developers, they can easily develop their own products. To expand the usage area of ATS Token and provide developers with an advantage, we offer the option of a 30-day ATS Token lock instead of a fixed monthly fee. Alltoscan API PRO is a monthly subscription-based API service that provides additional endpoints, higher rate limits, and prioritized support for power users and commercial solutions.

Exclusive endpoints available to API PRO include:

*Get Token Info by ContractAddress
*Get All Chains Daily Total Gas Used
*Get Historical All Chains Account Balance for
*TokenContractAddress by BlockNo
*Get Historical All Chains Balance for a single Address By BlockNo

CRYP2NOVA

Archived copy · cryp2nova.com

The ATS Token

CRYP2NOVA

Archived copy · cryp2nova.com

ATS Token Utility on Alltoscan Ecosystem

Under the new Alltoscan ecosystem, the utility of the ATS token has increased to become the core of our ecosystem. In this way, the Alltoscan ecosystem creates a decentralized marketplace for the web3 infrastructure revolving entirely aroundthe ATS token.

Alltoscan users are incentivized to make payments for services with ATS tokens to benefit from discounted prices. Those seeking passive income earn ATS rewards for serving daily tasks. Individual token holders can stake ATS at unique rates to help ensure the security of the ecosystem and share rewards for service demand.

In summary, ATS is used to:

* **Pay for Alltoscan pro API plans under a pay-as-you-go model**
* **Reward ATS Token stakers for helping to secure ecosystem**
* **Vote on proposals in the Alltoscan ecosystem**

Archived copy · cryp2nova.com

ATS Token User Fees

Alltoscan users, including those under the Premium API Plan, will pay for each request they make to blockchains using our new pay-as-you-go model. This model ensures that developers don't overpay for annual subscriptions. The average cost of an individual request is approximately $0.00004 USD, with certain request types costing more or less depending on their resource requirements. These fees are used to incentivize independent developers, and anyone can learn about the current cost of RPC requests by referring to our documentation.

This pricing is significantly more cost-effective than popular centralized RPC infrastructure providers such as Infura and Alchemy. Additionally, when users pay for Alltoscan Premium API fees using ATS tokens, they receive an additional discounted rate. Access to specific advanced API features is only available to those who make payments using ATS tokens. Ultimately, the price of Alltoscan Premium API services in the future will be determined based on the price of the ATS token at that time.

CRYP2NOVA

Archived copy · cryp2nova.com

Team

alltoscan.com
Archived copy · cryp2nova.com

A globally distributed team pushing innovation worldwide.

Alltoscan contributors and ecosystem partners are uniquely equipped to handle the problems that Web3 developers face, armed with years of experience building, scaling, and managing cryptocurrency and Web3 infrastructure companies. We are a team of engineers and creatives with a vast combined experience spanning cloud computing, finance, and blockchain, with a history at the world's leading companies.



Archived copy · cryp2nova.com

Market Analysis

CRYP2NOVA

Archived copy · cryp2nova.com

What Will Happen in the Coming Years?

We fully anticipate that the continued growth of Web3 and metaverse adoption will bring to market a wide range of connectivity types, devices, and technologies that will offer more functionality and interoperability than the closed-loop systems and sandboxes that typify the status quo of the current tech stack. With the proliferation of DeFi services, it has become clear that winners of the new internet will emerge from the subset of developers and projects who design and build with a deep understanding of the value of composable infrastructure building blocks.

As more bridges are built between blockchains, they will also emerge between the offline and digital worlds. Those connections will spawn new products and experiences augmenting the metaverse, IoT, and AI, which will create new use cases for crypto assets, blockchain systems, and so on. And as the barriers to the global adoption of decentralized blockchain systems recede, so too will the perceived limits on the growth potential of Web3 technologies.

CRYP2NOVA

Archived copy · cryp2nova.com

Roadmap

CRYP2NOVA

Archived copy · cryp2nova.com

Roadmap



This roadmap is not historically sequenced, the sequence is complex and encompasses all planning.

Archived copy · cryp2nova.com

Alltoscan - Decentralized services powering the Web3 (r)evolution

© 2023 Alltoscan All rights reserved I info@alltoscan.com

Archived copy · cryp2nova.com