



# 2024'Q2 REPORT

Hathor Labs

To Our Valued Hathor Network Community,

As I write to you, I am filled with immense joy and excitement to be back leading Hathor Labs as CEO. The past few months have been a period of growth and progress for our network, and I am thrilled to share some of the highlights with you.

Firstly, our development team has made enormous strides with our Nano Contracts. I am proud to announce that we are on the brink of launching the public testnet for this groundbreaking technology. This will mark a significant milestone for Hathor Network, opening up new possibilities for scalable and efficient smart contracts that will revolutionize our ecosystem.


Our ecosystem itself continues to grow and strengthen. We have welcomed new partners and integrated innovative use cases that demonstrate the versatility and robustness of Hathor's infrastructure. These collaborations not only enhance our network but also expand our reach and impact in the blockchain space.

Additionally, we are committed to conducting our global expansion to grow outside Brazil and prove to the world how good and capable our technology is. This strategic move aims to showcase Hathor's excellence on the global stage, allowing us to reach new markets and audiences.

The momentum we've built in the past quarter is just the beginning. We have numerous exciting partnerships in the pipeline, each bringing unique value and further diversifying our network's capabilities. Our commitment to fostering a vibrant and dynamic ecosystem remains firm, and I am confident that the coming months will bring even more opportunities for growth and innovation.

Thank you for your continued support and belief in Hathor Network. Together, we are building a future where blockchain technology is accessible, efficient, and transformative.

Warm regards,



**YAN MARTINS**  
CEO OF HATHOR LABS

# INDEX

4	EXECUTIVE SUMMARY
6	USE CASES HIGHLIGHTS
7	LISTINGS
8	PRODUCT RELEASES & UPDATES
11	NETWORK MAINTENANCE
13	PARTNERSHIPS
14	MARKETING HIGHLIGHTS
20	COMMUNITY HIGHLIGHTS

# EXECUTIVE SUMMARY

We have selected the main milestones of Q2'24 for those who want to quickly be updated about our latest progress, but we strongly encourage you to read through the full report.

## 01 PRODUCT RELEASES AND UPDATES

**Nano Contracts** — In Q2, we advanced the Nano Contracts core by adding support in consensus and designing storage, reorg, and conflict solutions. We completed a new version of the Nano Contracts SDK, enabling developers to create and modify blueprints in Python, and integrated APIs for interaction via the Headless wallet. The Desktop wallet was updated with a developer mode for the Nano Contracts testnet, features for creating Nano Contracts, and tools for listing their state and data. The Nano Contracts open beta will launch in Q3.

## 02 LISTINGS

**MEXC** — This quarter we celebrated the listing of HTR on the MEXC exchange. This milestone enhances liquidity, accessibility, and credibility for HTR. MEXC's reputation, extensive user base, and robust trading volumes significantly increase the visibility and adoption of our token. To promote this achievement, Hathor organized community activities to engage users and further integrate HTR into the broader crypto ecosystem.

## 03 PARTNERSHIPS

In Q2, Hathor Labs established strategic partnerships with BWS (formerly Bitfy) and CoinFabrik, both respected software houses in the blockchain space. These collaborations aim to accelerate the adoption of our technology by leveraging our partners' expertise and client portfolios.

Working with BWS, a blockchain-as-a-service platform backed by Banco do Brasil and involved in the DREX project, we will drive innovation in blockchain scalability and usability. The partnership will enhance product offerings, broaden the user base, and set new benchmarks in blockchain solutions. Similarly, the partnership with CoinFabrik focuses on enhancing the security, scalability, and robustness of Hathor Network and its

decentralized applications. CoinFabrik's Web3 expertise will help develop solutions to improve interoperability between Hathor and other blockchains, ensuring resilience against cyber threats and attracting a broader developer community.

Together, these partnerships will strengthen Hathor Network's infrastructure, fostering greater trust and adoption of blockchain technology among enterprises.

#### **04 NETWORK & MAINTENANCE**

In Q2, Hathor Network achieved a new all-time high hash rate of 47 EH/s, a significant milestone demonstrating the network's strength and security. The hash rate, which measures the computational power used to validate and secure transactions on a blockchain, is crucial for ensuring network integrity and resistance to attacks. We extend our gratitude to our miners for their contributions and continue to collaborate with mining pools and implement network improvements to maintain and stabilize this elevated hash rate.

## USE CASES HIGHLIGHTS

### ► WINE TOKENIZATION

We are thrilled to announce a pioneering tokenization project on the Hathor Network, in partnership with AIDDA Group (the tech arm of Alvarez & Marsal) and Vinícola Ferreira. Starting in 2025, 11,000 bottles from Vinícola Ferreira's vintage will be tokenized using AIDDA's Digital Asset platform.

To ensure quality, the vineyard has implemented traceability, quality control, and authenticity processes. These solutions provide investors with a clear view of each bottle's production, from grape cultivation to bottling, ensuring product transparency.

This project showcases how blockchain can add value to traditional businesses by optimizing capital acquisition and reducing costs. This launch certainly will inspire many other companies to follow suit.

The 2025 vintage will include a diverse range of labels, such as reds, whites, sparkling wines, and fortified wines. The initial tokenization phase will feature varietal wines and carefully crafted blends, catering to various customer preferences.

▶  MEXC

In Q2, we celebrated the listing of HTR, Hathor Network's native token, on MEXC exchange. This listing is a significant step for us, as it enhances liquidity, accessibility, and credibility. Being listed on a reputable exchange like MEXC, known for its extensive user base and robust trading volumes, increases the visibility and adoption of HTR, making it easier for users to access the token.

To mark this milestone, Hathor organized a series of community activities aimed at promoting the listing and engaging users. These efforts are designed to boost community involvement and further integrate HTR into the broader crypto ecosystem.

# PRODUCT RELEASES AND UPDATES

## ► NANO CONTRACTS

In Q2, we continued working on the Nano Contracts core, adding support for Nanos in consensus, and creating designs for storage as well as reorg and conflicts. Other developments included finishing a new version of the Nano Contracts SDK – which lets developers create their own blueprints in Python, and modify existing ones – and APIs to interact with Nano Contracts in the Headless wallet. **You can access the documentation on the Nano Contracts SDK and start writing your blueprints here.**

The Desktop wallet received several new updates for Nanos, including a developer mode for the Nano Contracts testnet, and features for creating a Nano Contract, as well as listing its state and data.

The Nano Contracts open beta will launch in Q3 and we encourage everyone to read Marcelo's answers to community questions about what you can expect from it, in [this blog post](#).

## ► EVM BRIDGE

In Q2 we started working with the federators that will be responsible for the bridge operations. Activities included setting up the necessary infrastructure, deploying and configuring the federators, and running initial tests.

We have also started on both internal and external security audits of the bridge, to ensure that it will be safe for both users and developers. We will be sharing more details on these audits after their completion.

You can read a blog post on the EVM bridge [here](#).

## ► **WALLETS**

A new version of the Hathor Desktop Wallet was released in Q2. Version 0.28.1 introduced several improvements for a smoother and more secure experience. Key highlights include:

- **Enhanced security:** Updated internal dependencies for better performance.
- **Improved navigation:** Smoother transitions and easier access to features.
- **Better token handling:** Enhanced support for custom tokens.

Download the latest version from the [GitHub repository](#).

## ► **FIREBLOCKS INTEGRATION**

[Version 0.28.0](#) of the Headless wallet was released in May and contained an integration with Fireblocks as the most notable addition.

Fireblocks is one of the leading technology providers for custody and MPC solutions, and their solutions are used by the largest players in the blockchain industry. Using their key management solution brings several benefits to Hathor:

- 1. Enhanced security:** Fireblocks has a specialized platform designed to provide a high level of security for cryptographic operations. By integrating the Hathor wallet with it, use cases can safeguard the private keys used for signing transactions and accessing assets on the blockchain.
- 2. Protection against attacks:** Use cases are often targeted by various cyberattacks, including key theft, brute force attacks, and man-in-the-middle attacks. Fireblocks' solutions help mitigate these risks by securely storing private keys and performing critical cryptographic operations within a secure environment. Even if an attacker gains access to the system hosting the wallet, they won't be able to extract the private keys from Fireblocks' system.
- 3. Compliance and regulatory requirements:** In many industries and jurisdictions, compliance with security standards and regulations is crucial. Fireblocks is widely known in the industry and accepted as a solution for some regulated entities.

**5. Audit trail and accountability:** Fireblocks provides robust audit trail capabilities, allowing you to monitor and log access to private keys and cryptographic operations. This feature helps maintain accountability and traceability, crucial in enterprise environments and compliance-driven industries.

**6. Trust and confidence:** Finally, we believe that integrating with Fireblocks instills trust and confidence among projects building on Hathor. When corporations know that their assets are secured by industry-standard technology providers, they are more likely to trust Hathor and use it for their financial and business needs.

▶ **DINAMO HSM INTEGRATION**

[Version 0.27.0](#) of the Headless wallet brought support for Nano Contracts with new APIs being added. This release also finalized the implementation of Dinamo's HSM for externally signed transactions. For more information on this integration and Hathor's partnership with Dinamo, please visit the [2023 Q3 report](#).

▶ **DATA OUTPUTS ON MINT AND MELT OPERATIONS**

At the request of a use case currently building a product on top of Hathor, we added a new feature in the Headless wallet to allow data outputs on mint and melt operations. This feature was added in [version 0.29.0](#).

## NETWORK & MAINTENANCE

First of all, we'd like to mention that Hathor Network reached a new all-time high hashrate of 47 EH/s in Q2! It's a huge achievement and we want to thank our miners for helping us reach this milestone. We continue working with mining pools and on network improvements to stabilize the hash rate at higher levels.

### ► FULL NODE

Our full node received three new releases in Q2, all packed with new features and improvements.

V0.06.0 introduced key updates to the P2P sync, merge-mined blocks, and overall security. We decided to disable Sync-v1 by default in this version, as support for Sync-v2 is now widespread on the network and enabling Sync-v1 can lead to high CPU usage. However, Sync-v1 can still be manually enabled to ensure compatibility with legacy systems.

Additionally, we implemented an anticipated update to extend the maximum Merkle path length for merge-mined blocks on the mainnet. This is a significant improvement for miners dealing with blocks that contain many transactions.

We introduced a new feature that miners will vote on to increase the Merkle path limit for merge mined blocks. This change is necessary because the current limit is causing issues with block acceptance when the BTC (or other merged mining networks) mempool exceeds 4096 transactions. This feature is expected to be approved, and after activation, any blocks mined with the new limit will be rejected by nodes running versions before v0.60.0.

This was the first new feature using the feature activation process. This activation is instrumental in introducing new features to the network, and Q2 also saw the first blocks signaling support for feature activation. You can follow the state of new

features being implemented from the [Feature Activation](#) page on the explorer, and read more about the process in [this blog post](#).

V0.60.0 also brought important security enhancements, further stabilizing our network and protecting against vulnerabilities.

V0.60.1 fixed a known issue in v.0.60.0, while v0.61.0 was a smaller release that introduced a change to the block-at-height API to include the transactions (hashes or full metadata) that were confirmed by that block.

You can always find the latest full node release in the [GitHub repository](#).

We are excited to announce these two strategic partnerships with BWS (formerly Bitfy) and Coinfabrik, two well-known and respected software houses in the blockchain space. These collaborations are pivotal in accelerating the adoption of our technology by leveraging the expertise and portfolio of our partners' clients. By working with BWS and Coinfabrik, we are poised to deliver more cost-effective, secure, and scalable solutions for a variety of use cases. These partnerships will not only enhance the robustness of Hathor Network but also drive greater trust and adoption of the blockchain technology among enterprises, solidifying our position in the blockchain industry.



Hathor Labs has partnered with BWS, a robust blockchain-as-a-service (BaaS) platform, to drive innovation in blockchain scalability and usability. BWS, rebranded from Bifty, offers tools and services that streamline blockchain application development by managing backend operations and infrastructure. This allows businesses to focus on their core offerings without the complexities of blockchain implementation. With Banco do Brasil as a significant investor and its involvement in the DREX project (Brazilian Central Bank Digital Coin), BWS has demonstrated its prominence and reliability in the blockchain sector.

By integrating Hathor Network into BWS's BaaS portfolio, the partnership aims to leverage the combined technical expertise of both teams to foster innovation in blockchain scalability and usability. Hathor's capabilities in tokenizing real-world assets (RWA) and BWS's operational expertise will catalyze their joint entry into new markets and industries. The collaboration is expected to enhance product offerings with integrated solutions, broaden the user base by reducing entry barriers to blockchain adoption, and foster innovation through combined R&D efforts, setting new benchmarks in blockchain solutions.

# MARKETING HIGHLIGHTS

At Hathor Network, we're excited to share the incredible progress we've made in our global expansion efforts. This past quarter has been a busy time for us, marked by important achievements that highlight our strong commitment to growth and innovation. We've built new partnerships, showcased our cutting-edge technology at key industry events, and laid a solid foundation for both immediate and long-term success. Our journey to expand Hathor's influence worldwide is off to a great start, and we are confident in our technology's potential to gain traction and drive impactful change across diverse markets.

## OFFLINE EVENTS

### ▶ PARIS BLOCKCHAIN WEEK



Hathor Labs made a significant impact as a sponsor at this year's Paris Blockchain Week. The event, which attracted hundreds of industry leaders and enthusiasts, featured over 50 speakers and 100 exhibitors focusing on the latest trends and innovations in blockchain technology. Hathor had a booth throughout the week, participated in interviews, and engaged with key potential partners. Our participation included showcasing Nano Contracts with our new slogan "Revolutionizing Smart Contracts".

Paris Blockchain Week provided a vital platform for strengthening Hathor's presence in the European blockchain ecosystem.

## ► WEBSUMMIT RIO



In April, Hathor Labs' team attended Web Summit Rio, aiming to forge business connections and showcase Hathor Network's innovative technology. The event provided an excellent platform to demonstrate our cutting-edge solutions and engage with potential partners and clients.

Yan Martins, the CEO of Hathor Labs, presented at the Grow Stage to share insights on hypergrowth and scaling for startups. His presentation highlighted the strategies and challenges faced by rapidly expanding companies, which resonated with many attendees. Hathor's consistent presence at Web Summit events further solidifies our position as a key player in the tech industry, continually seeking opportunities to drive its vision forward.

## ► TOKEN2049



At this year's Token2049 in Dubai, Nil, our head of community, represented Hathor Labs. The 2-day event featured leading figures in Web3. Nil spent his time conducting interviews with global channels and meeting with our new and existing ecosystem partners to launch and identify new synergies.



## ► COLLISION TORONTO



We also attended Collision Conference, in Toronto. The event was a standout, drawing over 40,000 attendees and showcasing the latest in Web3, AI, CleanTech, and other technologies. This event underscored Toronto's growth as a leading tech hub in North America, and we were excited to be a part of it.

During the week, we focused on sharing our developments and connecting with the tech community to explore how blockchain could enhance their operations.

There is a strong presence of Web3 in the region, and we look forward to seeing some of the relationships we've built turn into significant use cases in the future.

## ► ONLINE EVENTS

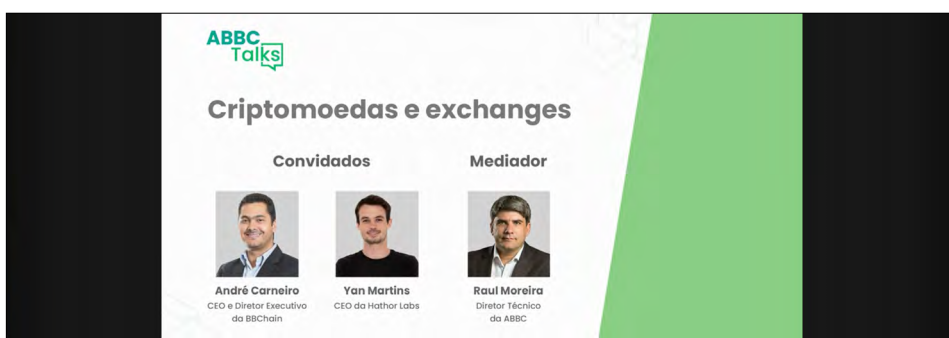


Hathor's team actively participated in several exciting online events, sharing their insights and expertise on various platforms. During the Brazil Crypto Report by Aaron Stanley podcast, recorded at Web Summit Rio 2024, CEO Yan Martins discussed the origins of Hathor Network and its promising future. You can listen to the full podcast [here](#).



In the engaging PodCafé Da Ti podcast, Hathor Labs’ CMO Diego Guareschi explained how blockchain technology can revolutionize the corporate world and society. The full episode is available [here](#). Diego also featured on the Holograph Finance podcast, where he explored the nuances of development in different regions like Latin America, Europe, and Asia, emphasizing Hathor’s unique position and its game-changing features like scalability, cost-free transactions, and ease of use. You can watch it [here](#).

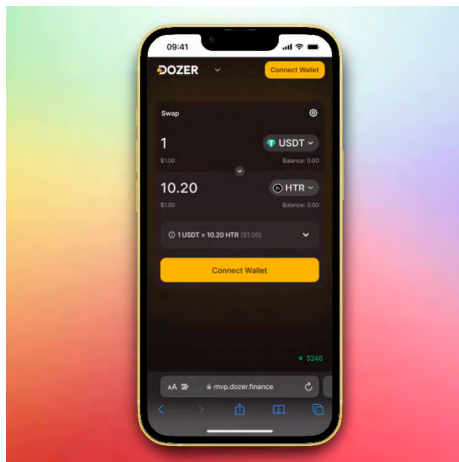
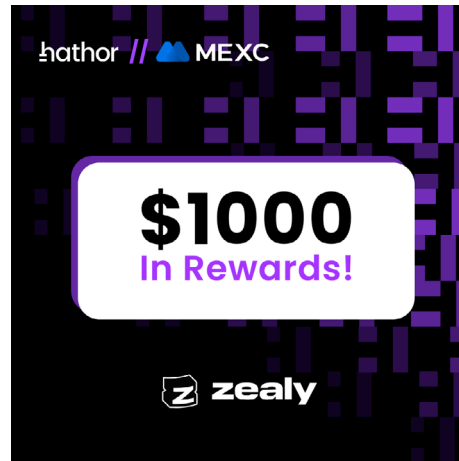
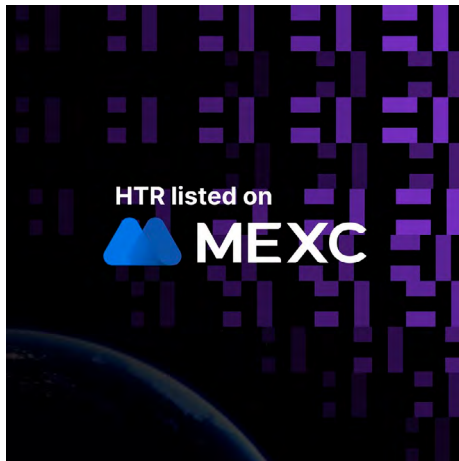
Diego Guareschi, CMO of Hathor Labs, participated in the Câmara Argentina Fintech, sharing insights on the evolution of RWA tokenization in Brazil. He discussed solutions ranging from traditional finance assets to carbon credits and fan tokens, emphasizing the importance of CVM’s Sandbox program in fostering innovation. Diego highlighted Hathor’s scalable and cost-efficient solutions as key to profitable and reliable tokenization use cases, reinforcing Hathor’s leadership in the Brazilian market.



Yan Martins also made a notable appearance on ABBC Talks: Cryptocurrencies and Exchanges on June 19th, discussing the regulation of the virtual asset service provision market in Brazil and the potential impacts of new resolutions by the Central Bank of Brazil. The event can be viewed [here](#).



# COMMUNITY HIGHLIGHTS



We celebrated our listing on MEXC by launching an exciting Zealy campaign with a \$1000 prize pool. This two-week campaign featured a variety of activities, including a scavenger hunt, a meme war, and other engaging events designed to educate the community about Hathor and offer rewarding experiences. Participants had the chance to join the scavenger hunt by finding secret codes hidden in our articles and tweets, or unleash their creativity in the meme war by creating and sharing their best Hathor-themed memes. This campaign was a test run for future larger campaigns that will be part of our product releases and growth initiatives.

Dozer Finance, a community project, unveiled its MVP on May 31st, marking a pivotal moment in its mission to democratize DeFi. This private testnet release showcased new tokens and pools, alongside collaborations with community projects like NileSwap and Kelb. The MVP also featured a token analysis page and test wallets, offering users hands-on experience with Dozer's innovative capabilities.

In parallel, a lively AMA on our main channel session illuminated Dozer's roadmap. Highlights included plans for a Decentralized Exchange (DEX), accessible staking, and a simplified lending protocol—all aimed at reducing complexity and costs in DeFi. Emphasis was placed on their implementation of Hathor's unique Nano Contracts, set to revolutionize smart contract deployment by enabling user-friendly project creation without coding skills. As Dozer Finance gears up for public launch, their commitment to enhancing accessibility and functionality positions them as a leader in ushering Hathor's ecosystem towards mainstream adoption.

The AMA starts [here](#).

► **COMMUNITY SATISFACTION SURVEY**

As part of our commitment to community engagement, during this quarter we launched two Community Satisfaction Surveys, underscoring the importance of gathering feedback and suggestions for the network's continuous improvement.

► **WATER COOLER BREAK**

During Q2, we released two episodes of Water Cooler Break: episode 10 and episode 11. To summarize, we discussed recent partnerships, use cases, product development, events in which we participated, listings, community events and more. Be sure to check out these easily digestible podcasts on our announcements channel on [Telegram](#).

► **LEADERSHIP FORUM**

In Q2, our CEO, Yan Martins, engaged with the community during episode 9 of the Leadership Forum series. He provided updates on network upgrades and business developments. Key highlights included Yan's return as CEO of Hathor Labs.

Yan also discussed the team's ongoing efforts to update the Nano Contracts GitHub repository in preparation for the public testnet. He shared updates on the integration progress with Ledger Live, noting that the audit had been submitted with no vulnerabilities found, and awaiting next steps from Ledger. Development on the EVM bridge was also a focus, with recent workshops held with validators and the bridge currently running on a private testnet.

Looking ahead, Yan expressed plans to increase his presence on Telegram and strengthen connections with the community. For the full episode, visit [here](#).



**Q2'2024 REPORT | Hathor Labs**

[www.hathor.network](http://www.hathor.network)