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MINING FOR INDUSTRIAL TRANSITION



# EDITORS LETTER

Bitcoin and several altcoins are likely to be influenced by the upcoming macroeconomic events this week. Two macroeconomic events could boost Bitcoin's volatility this week. The Federal Reserve's press conference following the rate decision and the Consumer Price Index (CPI) data, both due on June 12, could help Bitcoin break out from its tight range.

Investors anticipate the breakout to the upside, which could explain the solid buying last week. CoinShares weekly fund flows report on June 10 shows more than \$2 billion in inflows into digital asset investment products. That increased the digital investment product's five-week total inflows to \$4.3 billion.

The bulls managed to keep Bitcoin above the 20day EMA (\$68,726) but failed to start a strong rebound off it. This suggests a lack of aggressive buying at current levels.

The bears will try to sink the price below the 20-day EMA. If they do that, the BTC/USDT pair could sink to the 50-day SMA (\$65,906). This level may attract strong buying by the bulls because a break below the 50-day SMA will tilt the short-term advantage in favor of the bears. The pair may then fall to \$60,000.

The \$72,000 to \$73,777 zone is the critical overhead resistance to watch out for. If buyers overcome this zone, the pair could pick up momentum and surge to \$80,000 and eventually to \$88,000.

Lastly please check out the advancement's happening in the cryptocurrency world

Enjoy the issue

Karnan Shah

Karnav Shah Founder, CEO & Editor-in-Chi











## CRYPTONAIRE WEEKLY



Cryptonaire Weekly is one of the oldest and trusted sources of Crypto News, Crypto Analysis and information on blockchain technology in the industry, created for the sole purpose to support and guide our Crypto Trading academy clients and subscribers on all the tops, research, analysis and through leadership in the space.

Cryptonaire weekly, endeavours to provide weekly articles, Crypto news and project analysis covering the entire marketplace of the blockchain space. All of us have challenges when facing the crypto market for the first time even blockchain-savvy developers, investors or entrepreneurs with the everchanging technology its hard to keep up with all the changes, opportunities and areas to be cautious of.

With the steady adoption of Bitcoin and other cryptocurrencies around the world, we wanted not only to provide all levels of crypto investors and traders a place which has truly great information, a reliable source of technical analysis, crypto news and top emerging projects in the space.

Having been publishing our weekly crypto magazine 'Cryptonaire Weekly' for since early 2017 we have had our fingertips at the cusp of this exciting market breaking through highs of 20k for 1 Bitcoin to the lows of \$3500 in early 2021. Our Platinum Crypto Academy clients (students and mentee's) are always looking for shortcuts to success to minimize expenses and possible loses. This is why we created our Crypto Magazine. Those who wish to invest their assets wisely, stay updated with the latest cryptocurrency news and are interested in blockchain technology will find our Weekly Crypto Magazine a valuable asset!





#### **Featuring in this weeks Edition:**

- Bulletlast
- TVVIN Ad
- Minutes Network Token
- Amplifi

#### Also Get,

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- Market News Update
- Read Our Latest Blog:

TVVIN: A REAL-WORLD ASSETS TOKENIZATION PLATFORM

DECODING VALIDIUMS: ENHANCING ETHEREUM'S PERFORMANCE THROUGH OFF-CHAIN TRANSACTIONS

HOW DOES MARKET DEPTH IMPACT CRYPTO PRICES AND TRADING STRATEGIES?

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# WEEKLY CRYPTOCURRENCY MARKET ANALYSIS

Hello, welcome to this week's 340th edition of Cryptonaire Weekly Magazine. The global crypto market cap is \$2.46 Trillion, Down 100 Billion since the last week. The total crypto market trading volume over the last 24 hours is at 83.73 Billion which makes a 68.56% increase. The DeFi volume is \$7.04 Billion, 8.40% of the entire crypto market's 24-hour trading volume. The volume of all stable coins is \$81.38 Billion, which is 97.20% share of the total crypto market volume the last 24 hours. The largest gainers in the right now are Polkadot Ecosystem and Algorand Ecosystem cryptocurrencies.

Bitcoin's price has decreased by 1.74% from \$68,850 last week to around \$67,650 and Ether's price has decreased by 5.59% from \$3,760 last week to \$3,550 Bitcoin's market cap is \$1.33 Trillion and the altcoin market cap is \$1.13 Trillion.

Bitcoin and several altcoins are likely to be influenced by the upcoming macroeconomic events this week. Two macroeconomic events could boost Bitcoin's volatility this week. The Federal Reserve's press conference following the rate decision and the Consumer Price Index (CPI) data, both due on June 12, could help Bitcoin break out from its tight range.

Investors anticipate the breakout to the upside, which could explain the solid buying last week. CoinShares weekly fund flows report on June 10 shows more than \$2 billion in inflows into digital asset investment products. That increased the digital investment product's five-week total inflows to \$4.3 billion.

According to the June 10 announcement, the Fireblocks platform now supports trading spot and perpetual

Percentage of Total Market Capitalization (Domnance)	
ВТС	51.36%
ETH	16.56%
USDT	4.22%
BNB	3.73%
SOL	2.77%
XRP	1.04%
DOGE	0.79%
ADA	0.59%
Others	19.94%

futures contracts with Coinbase International Exchange. The integration is mainly geared toward institutional investors, such as hedge funds and family offices

Akira, the ransomware that stole \$42 million from over 250 organizations across North America, Europe and Australia within a year, is now actively targeting businesses in Singapore. Singaporean authorities issued a joint advisory alerting local businesses about the rising threat of an Akira ransomware variant. The alert comes after agencies, including the Cyber Security Agency of Singapore, the Singapore Police Force and the Personal Data Protection Commission, recently received several complaints from victims of the cyberattack.



## Invest in Tokenised Real-World Assets and Earn Yield

Read Whitepaper

Visit Website

### **Explore & learn how to invest in RWAs**

TVVIN is a financial platform that uses blockchain technology to allow investors to invest in real-world assets (RWA) such as gold and silver. Investors can buy and sell physical precious metals through the TVVIN platform, stored in secure vaults.

#### Why TVVIN?

#### Secure

TVVIN is an omni-chain RWA platform tokenising LBMA-certified gold and precious metals, securely vaulted in The Channel Islands and accessible across various blockchains.

#### ✓ Versatility

Possessing gold provides significant liquidity, allowing it to be used as collateral for loans, thus enhancing its versatility as a financial asset.

#### Dual Compatibility

TVVIN is a multifaceted platform that accommodates both fiat and crypto users, offering a well-rounded solution.

#### 

With TVVIN, you can invest in gold through affordable units, making it accessible to small-scale and large-scale investors.

#### ✓ Yield-Generating Vaults

Our unique digital vaulting service monetises idle gold to produce yield, transforming assets into active, revenue-generating investments.

#### Low-Risk

TVVIN uses low-risk financial instruments to generate yield on your investment, potentially reducing investment risks.



Register Interest



## Gold Token is just a trailer

More precious metals tokenisation options are on their way.

















Bullet Last, a cutting-edge blockchain-based shooting game in the Battle Royale genre, is poised to redefine the gaming landscape. Developed with a unified philosophy and a commitment to innovation, Bullet Last combines thrilling gameplay, NFTs, and the power of the Ethereum network in a Play-to-Earn GameFi. Let's dive into the details:

#### Introduction

Originally known as "Survivor," Bullet Last emerged in 2022 as a promising project. In 2023, the project underwent a significant transformation, migrating from the Polygon network to Ethereum and rebranding itself as Bullet Last. The alpha version is now live, and both the Beta version and the final Web 3.0 version are ready for launch.

#### **Gamification: Simple Rules, High Stakes**

Bullet Last embraces minimalism and modernity with straightforward rules and smooth gameplay that make it accessible to all players. The objective? Survive until the end of the battle. Each match begins with six players entering the city and hunting each other down. The twist? Every player has an equal chance to multiply their tokens by 5.4x per battle. Easy to play but hard to master, the ultimate goal is to earn valuable LEAD tokens.

NFT Marketplace: Unique Characters and Customization

Bullet Last's initial NFT collection features five categories of unique, faceless characters representing anyone in the world. Developed using the ERC-1155 standard, these NFTs are scarce, with a total supply of only 10,000. Rarity determines their prices, making them attractive to both players and investors. Players can also customize their NFTs with additional assets available in the Bullet Last NFT marketplace.

#### **LEAD Token: The Heart of the Project**

Atthecore of Bullet Last lies the LEAD token. Deployed as an ERC20 token on the Ethereum mainnet, LEAD boasts a total supply of 10,000,000,000 tokens. Transparency and community-driven principles guide its distribution:

50% of tokens are locked.

29% are presented through ICO, IGO, IEO, and IDOs on reliable launchpads.

No taxing or minting functions, maintaining the project's minimalistic ethos.

**Token Pricing:** 

Seed Sale: \$0.02 - \$0.03 USDT

Presale: \$0.03 - \$0.034 USDT

Launch: \$0.04 USDT

## The Decentralized Team Behind Bullet Last

While the game is developed in Milan, Italy, the project team adheres to the blockchain philosophy of decentralization. Currently, 30-40 experts are working tirelessly to bring Bullet Last to life. As the project gains momentum, the team plans to establish two centralized studios, further expanding their capabilities.

#### Last Words: A Journey Just Begun

Bullet Last's journey began with late-night brainstorming sessions and relentless effort. Now, as the fruits of labor are presented to the world, we're excited for what lies ahead. The ambitious roadmap of Bullet Last aims to propel the LEAD token into the top 10 of the P2E category by yearend. Explore the goals and learn more at https://bulletlast.games.

We value your feedback on this new trend in the P2E market.







# Minutes Network Token The Sharing Economy Of The Telecommunications Minutes Market

### **Game Changing Revenue Creation**

Take a deeper dive into the world of Minutes Network and MNT disruptive innovations.

Global Presence



Minutes Network Team



MinTech Proprietary Technologies



**MNT** Token



Revenue-Fuelled Sharing Economy



Buy Back, Burn and Reward Distribution



3,000 Node Staking Opportunities



500,000,000 MNT Supply



Minutes Network operates in the \$251B telecom minutes market as the lowest-cost carrier through our proprietary next-generation technologies.

**MINUTES NETWORK** 

**TOKEN PORTAL** 



Join The MNT Community.











## BITCOIN BAGS \$2B INFLOWS, ETHER SEES HIGHEST INSTITUTIONAL BUYING SINCE MARCH

One trader expects ETH prices to hit \$10,000 in 2024, a nearly 200% increase from current levels of \$3,600.

Bitcoin led the investment activity with over \$1.97 billion in inflows, while Ether saw its best week since March with nearly \$70 million in inflows.

Some traders expect buying activity in ether-tracked products to continue, with expectations of the asset reaching the \$10,000 price level in 2024.

Crypto investment products took on nearly \$2 billion in inflows last week to help extend a five-week run to over \$4.3 billion, asset manager CoinShares said in a Monday report.

Trading volumes in exchange-traded products (ETPs) rose to \$12.8 billion for the week, up 55% from the week prior. Bitcoin led investment activity at over \$1.97 billion inflows for the week, while ether (ETH) saw its best week of inflows since March at nearly \$70 million.

Buying activity for spot bitcoin exchange-traded funds (ETFs) in the U.S. has picked up since mid-May after a dismal few weeks in April, which saw days of zero net inflows across all products and even outflows from major products such as BlackRock's IBIT. However, inflows have since picked up - with IBIT becoming the largest bitcoin ETF last week amassing over \$20 billion worth of the asset since its January issuance.

"Unusually, inflows were seen across almost all providers, with a continued slowdown in outflows from incumbents," CoinShares analyst James Butterfill said. "Positive price action saw total assets under management (AuM) rise above the \$100 billion mark for the first time since March this year."

Butterfill added ETH buying was likely in reaction to the surprise SEC decision to allow spot ether ETFs. Meanwhile, some traders expect the inflows into ETH products to continue in the coming months, with a rally expected toward the end of the year.

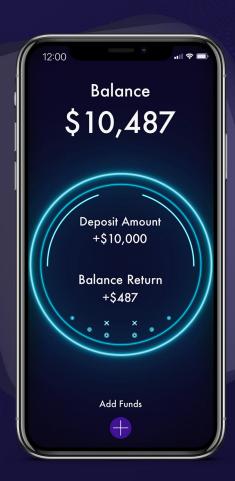


## Next Generation Wealth Creation

With AI Optimised DeFi Yields'

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Litepaper



### **KEY FEATURES**



#### **High Returns**

Choose your growth strategy and earn up to 12% APY.



#### **Risk Management**

Diversified Strategies, Audited Protocols Only.



#### **Immediate Liquidity**

Access Your Funds Anytime, Anywhere.



#### Free To Use

No Hidden Fees Or Gas Costs.



#### **Non Custodial**

You Control Your Capital At All Times.



#### **Fully Automated**

Deposit & Earn, It's that Simple.

## UTILISING AI TO POWER AUTOMATION, DECENTRALISATION AND SAFELY OPTIMISE YIELDS



AI DRIVEN
STRATEGIES



AI RISK
MANAGEMENT



AI OPTIMISATIONS



AI POWERED EXPLOIT ANALYSIS



Boost your earnings and plan for the future









## Bitcoin ETFs sucked up 2 months of BTC mining supply in first week of June

n the first full trading week of June, U.S.
Bitcoin ETFs acquired almost as much Bitcoin as they did in the entire month of May.

Spot Bitcoin exchangetraded funds (ETFs) in the United States acquired the equivalent of around two months' worth of the cryptocurrency's mining supply in the first week of June.

With inflows of approximately \$1.83 billion, the 11 ETFs bought 25,729 Bitcoin BTC \$67,535 in the trading week between June 3 and 7 — around eight times more than the 3,150 new BTC mined over the same time, according to data from HODL15Capital.

The amount of Bitcoin acquired in the week alone was almost as much as the entire of May, 29,592 BTC, per HODL15Capital's count, and is the biggest week of buying since mid-March when Bitcoin hit its current all-time high of \$73,679.

The 11 ETFs have seen \$15.69 billion in net inflows since their January launch, including the \$17.93 billion in net outflows from Grayscale's fund, with total assets under management (AUM) of around \$61 billion.

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## FriendTech to move to new Friendchain blockchain in move away from Base

eb3 social network FriendTech has announced plans to migrate away from Coinbase's Layer 2 blockchain Base to a proprietary Friendchain network built in partnership with blockchain infrastructure provider Conduit. FriendTech co-founder

Racer had previously hinted that a move

away from Base was being considered for the social network.

Web3 social network FriendTech has officially broken off its friendship with Base, the Ethereum Layer 2 network stewarded by Coinbase, as it prepares to migrate to a new blockchain dubbed Friendchain, created in partnership with blockchain infrastructure provider Conduit.

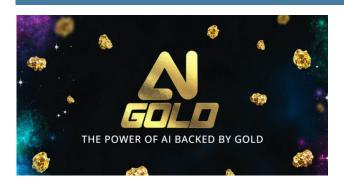


The network will use FriendTech's native token as a "fully transferable gas token" and while the protocol didn't specify a timeline for the move, its announcement on X promised to keep its users informed "over the coming months" as development of the blockchain progresses.

While the announcement had scant other details, the move isn't entirely a surprise given FriendTech co-founder Racer's recent public comments insinuating that the team desired to migrate away from Base. At the time, Racer's announcement caused FriendTech's token to drop 20% in price.

The recent announcement has seemingly had the inverse effect on the price, however, which has risen 11% over the past twenty-four hours, according to The Block's Price Page.

## SPONSORED PRESS RELEASE



### AIGOLD Goes Live, Introducing the First Gold Backed Crypto Project

George Town, Cayman Islands, May 8th, 2024, Chainwire

AlGOLD is pleased to announce the launch of its innovative cryptocurrency project. This groundbreaking initiative integrates artificial intelligence with the enduring value of gold, aiming to redefine the landscape of digital assets.

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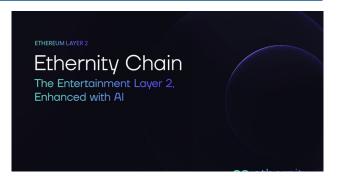
### New Crypto Casino TG.Casino Becomes Regional iGaming Partner of AC Milan

Milan, Italy, May 7th, 2024, Chainwire

Cryptocurrency casino platform TG.Casino and iconic Italian football team AC Milan announced they have struck a new partnership this week.

'TG Casino is proud to formally announce our new partnership with AC Milan joining them as their iGaming partner in Europe. Players at TG Casino will soon be able to win money can't buy AC Milan experiences and merchandise!'

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## Ethernity Transitions to an Al Enhanced Ethereum Layer 2, Purpose-Built for the Entertainment Industry

LOS ANGELES, United States, May 7th, 2024, Chainwire

Global brands and talent will be able to use Ethernity's technology to store their IP on-chain and engage with their fans through next-generation content and experiences.

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## AppLayer Unveils Fastest EVM Network and \$1.5M Network Incentive Program

Panama City, Panama, May 2nd, 2024, Chainwire AppLayer has unveiled the fastest and most robust infrastructure for scaling Ethereum-based applications, a cutting-edge blockchain that not only delivers lightning-fast transaction speeds but also offers a new approach to Ethereum Virtual Machine (EVM) development for both DeFi and GameFi developers.



## Kadena Announces Annelise Osborne as Chief Business Officer

New York, New York, April 25th, 2024, Chainwire Kadena, the only scalable Layer-1 Proof-of-Work blockchain, expands its leadership team by onboarding Annelise Osborne as Kadena's new Chief Business Officer (CBO). With an illustrious career spanning over 20 years in finance, credit, real estate, and digital assets, Annelise will be responsible for developing and leading new business initiatives and partnerships across Web3 and beyond.

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# Yue Minjun Revolutionizes Bitcoin Art Scene with Pioneering Ordinals Collection on LiveArt

NEW YORK, United States, April 30th, 2024, Chainwire

The first major contemporary artist to adopt the Bitcoin blockchain

LiveArt proudly unveils Human by Yue Minjun, the first-ever Ordinals collection from a contemporary art giant.

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# Proof of Pitch: Revolutionizing the Pitch Competition Landscape with Al-Driven Insights and Top Web3 VC

Paris, France, April 25th, 2024, Chainwire Prize pool of over 1M€ value including media grant from Cointelegraph

Proof of Pitch is part of Proof of Talk, where All Global Leaders in Web3 Meet

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## MetaWin Founder Launches \$ROCKY Meme Coin on Base Network

London, United Kingdom, April 29th, 2024, Chainwire

An exciting new meme coin, \$ROCKY, has recently debuted on the Base network. Skel.eth, the founder of MetaWin, launched the coin last weekend. Intriguingly, the coin is named after his Pomeranian, also named ROCKY.



## Ripple partners with National Bank of Georgia to digitize economy

pipple continues to deepen its CBDC collaboration with the Republic of Georgia by exploring ways to digitize the local economy.

Major cryptocurrency firm Ripple is deepening ties with the Republic of Georgia by exploring ways to digitize the local economy with the National Bank of Georgia (NBG).

Natia Turnava, acting governor of the NBG, and Varlam Ebanoidze, head of the bank's financial and supervisory technology development department, have met with Ripple executive James Wallis to enhance cooperation in financial technology and digitalization.

The Georgian central bank officially announced the meeting in a LinkedIn post on June 8.

At the meeting, Wallis — who serves at Ripple as vice president of central bank engagements — introduced the Georgian officials to Alistair Brown, a representative of Ripple's partner EPAM Systems.

"It was an honor to be back in Tbilisi and to introduce Alistair Brown from our partner EPAM Systems to NBG Acting Governor Natia Turnava," Wallis said.

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## \$16B Injected Into Stablecoin Economy in 90 Days; Tether Claims 69% of Total

ver the last 90 days, the stablecoin economy expanded by over 11%, with \$16.23 billion infused into the market of fiat-pegged crypto tokens. In the past 30 days, USDE, the fourth largest U.S. dollar-pegged coin, experienced a 46.1% increase in its supply.

Stablecoin Market Swelled Last Season; USDE Climbs to Fourth Largest Dollar-Pegged Token

While the past month has seen minimal growth in the stablecoin economy, the previous 90 days have welcomed an influx of \$16.23 billion.



For example, on March 11, the market cap of tether (USDT) was \$101.18 billion, which has climbed to \$112.5 billion today. This indicates that, over the season, USDT's supply increased by \$11.32 billion.

Consequently, USDT accounted for more than 69% of the \$16.23 billion entering the stablecoin market in the last 90 days. Over the past month, USDT's supply has risen by 1.3%. Meanwhile, Circle's usd coin (USDC) experienced a 2.7% decline over the last

month, yet it showed growth across the 90-day span, moving from a market cap of \$29.88 billion on March 11 to \$32.23 billion today.

Makerdao's DAI, with a market valuation of \$4.55 billion 90 days ago, has reached \$5.26 billion today, despite a 3% decrease over the past month. Ethena's USDE, which was the sixth-largest by market cap 90 days ago, has now risen to fourth place. At that time, it boasted a market cap of \$848 million following a 334% increase in 30 days.



With the advent of blockchain technology, the tokenization of real-world assets (RWAs) has emerged as a highly promising investment opportunity. This approach addresses the limitations of traditional investment options by offering fractional ownership, accessibility, and liquidity.

TVVIN, a platform that empowers investors to engage with RWAs through tokenization, is leading the charge in this transformative trend. By leveraging blockchain's transparency and security, TVVIN aims to democratise investment and release the full potential of RWAs.

With this guide, you will learn the concept of RWA tokenization, the limitations of traditional investment avenues, the functionalities of the TVVIN platform, and the advantages it presents for investors. Additionally, we will dive into the regulatory compliance and security measures implemented by TVVIN to ensure a trustworthy ecosystem.

## What Is Real-World Asset (RWA) Tokenization?

Let's demystify the concept of Real-World Asset (RWA) Tokenization. Imagine taking a tangible asset, like a piece of gold, platinum, or silver, and representing its ownership digitally on a blockchain. That's RWA tokenization in a nutshell! It's like creating digital twins of these assets, where each

token signifies a fraction of ownership.

Think of it as owning a slice of a mouthwatering cake, but instead of a physical slice, you hold a digital token that represents your share. This opens up a world of possibilities, as these tokens can be traded, just like cryptocurrencies, on various blockchain platforms.

The beauty of RWA tokenization lies in its ability to fractionalise ownership. Traditionally, investing in high-value assets like real estate or precious metals required significant capital, making it inaccessible to many. However, with tokenization, these assets can be divided into smaller, more affordable units, allowing a broader range of investors to participate.

Furthermore, RWA tokenization injects liquidity into traditionally illiquid markets. Assets that were once cumbersome to buy or sell can now be traded seamlessly on blockchain platforms, providing investors greater flexibility and access to their funds.

RWA tokenization bridges the gap between the physical and digital domains. It provides new investment avenues and democratises access to previously exclusive asset classes. It's a fascinating fusion of traditional finance and high-tech blockchain technology with the potential to reshape the investment landscape as we know it.

## What Are The Limitations of Traditional RWA Investment Opportunities?

Traditional investment options, while familiar and established, come with inherent limitations that can restrict accessibility and growth potential for investors. Here's a closer look at some of these limitations, specifically when it comes to precious metals like gold, silver, and platinum:

**High Investment Barrier:** Investing in physical precious metals like gold bars and high-grade silver coins often involves a substantial initial outlay. Unfortunately, the high cost of these assets can limit accessibility for individuals with more modest financial means.

Limited Accessibility: The conventional approach to acquiring precious metals typically includes physical dealers or brokerage firms. However, these options often come with limited hours of operation and geographic constraints. This can present substantial challenges for individuals with limited time or residing in remote locations, potentially hindering their ability to access necessary services or engage in various activities.

**Storage Challenges:** Investors frequently encounter the challenge of safeguarding precious metals physically. Due to the need for secure home storage systems or safe deposit boxes, they might have to pay extra fees.

Inaccessibility to Fractional Ownership: Traditionally, precious metals are indivisible units. You either own the entire bar or coin, or you don't. This lack of fractional ownership makes it difficult to invest smaller amounts or tailor your investment to your specific goals.

**Inherent Illiquidity:** The process of selling physical precious metals, particularly less common metals such as platinum, can be laborious. Locating a buyer prepared to offer a just price might demand considerable time and effort.

Risk of Theft or Loss: For investors to make informed decisions, it is imperative to consider the inherent susceptibility of physical assets to theft or damage. Not only insurance costs but also the potential losses incurred from unforeseen circumstances must be accounted for a comprehensive understanding of overall investment risks.

**Counterfeiting Concerns:** Checking the legitimacy of physical precious metals, particularly for novice investors, can be a complex process. This may lead to accidental purchases of counterfeit metals.

**Limited Transparency**: Conventional precious metal investment avenues may lack transparency concerning the source and ethical procurement of the metals, potentially posing concerns for socially conscious investors.

## Introduction To TVVIN RWA Tokenization Platform

TVVIN facilitates investment in tokenized real-world assets (RWAs) by leveraging the secure and transparent nature of omni-chain blockchain technology. This TVVIN approach transcends traditional markets' limitations, offering investors accessibility, transparency, and confidence.

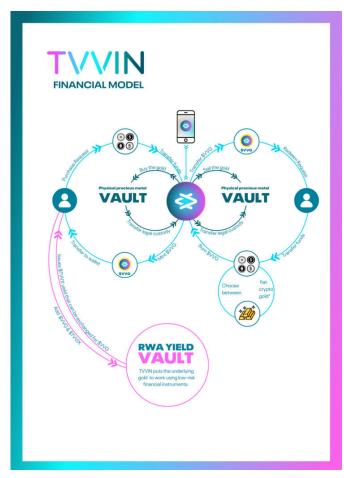
TVVIN flips the traditional investment approaches by enabling investors to partake in the rapidly expanding market of fractionalised assets. Through ownership of tradable tokens backed by tangible real-world assets, investors gain the opportunity to acquire a portion of assets, such as gold bars, rather than having to purchase the entire asset. This innovative approach empowers investors with greater accessibility and flexibility in diversifying their portfolios.

TVVIN harnesses the power of public blockchains to establish a secure and permissionless system for RWA trading. This disruption offers a potential \$867 trillion opportunity to systematically improve the global economic landscape.

TVVINs steadfast commitment to RWA tokenization aligns perfectly with the fundamental principles of cryptocurrency, aiming to establish an open, accessible, and efficient global financial system. The growing acceptance of stablecoins in DeFi highlights the escalating need for tokenized assets, setting the stage for a substantial RWA trend within DeFi.

With a blend of seasoned traditional finance professionals and cutting-edge blockchain technology enthusiasts, TVVIN is poised to lead the future of decentralised finance (DeFi). The platform presents a distinctive investment opportunity, particularly in gold-backed tokens. Additionally, it plans to expand its offerings to include silver, platinum, and palladium, further enhancing its appeal

to investors seeking exposure to precious metals in a digital format.



#### **How Does TVVIN Function?**

TVVIN leverages the inherent security and transparency of blockchain technology to enable investments in tokenised real-world assets (RWAs). This facilitates the fractionalization and access to real-world assets, paving the way for greater liquidity and the potential for enhanced returns. TVVINs initial product is the \$VVG token, which is a 1:1 backed token denominated in grams of LBMA-certified gold.

TVVIN operates as an omnichannel RWA platform, spanning multiple blockchains to provide enhanced security, increased scalability, seamless interoperability, and a wider reach. This approach offers several advantages. By leveraging the security features of multiple blockchains, TVVIN minimises the risk of a single point of failure. Its platform can handle a larger volume of transactions per second compared to single-chain platforms, catering to a substantial user base[1] . Additionally, gold is the initial asset offering. TVVIN will subsequently add more precious metals and asset classes to it inventory.

Additionally, the interoperability facilitated by TVVIN enables the smooth transfer of assets between different blockchains, appealing to users from diverse blockchain ecosystems. TVVIN's omnichannel approach aligns with its mission to deliver a secure, scalable, and accessible RWA platform for various stakeholders in the financial industry.

Further, TVVINs core offering is the \$VVG token, which represents ownership of physical gold stored in secure vaults. Each \$VVG token is backed by one gram of LBMA-certified gold, providing investors with a direct link to the underlying asset. This tokenization approach enables fractional ownership, increased liquidity, and accessibility to precious metals.

TVVIN's platform allows investors to purchase \$VVG tokens using various payment methods, including fiat currencies and cryptocurrencies. Upon purchase, the corresponding amount of physical gold is securely vaulted, and the \$VVG tokens are minted and transferred to the investor's wallet.

Investors can also deposit their \$VVG tokens into TVVIN RWA Vaults, where they can earn a yield on their holdings. The vaulting mechanism requires investors to lock up a corresponding amount of TVVIN native utility token, \$TVVIX, alongside their \$VVG tokens. The yield earned is paid out in \$TVVIX tokens, creating demand for the utility token and incentivising its holding.

#### Benefits of Investing in TVVINs RWA-Backed Tokens

TVVIN's RWA-backed tokens offer a compelling proposition for investors seeking a secure and innovative approach to building their wealth. Here are some key benefits of TVVINs tokens:

Yield on Real-World Assets: Investors can earn returns directly linked to the underlying real-world asset, such as gold, providing the potential for capital appreciation.

**Stable & Pegged:** TVVIN's tokens are designed to maintain a close tie to the value of the real-world asset they represent, offering stability and reducing price volatility.

**Fractionalisation:** Unlike traditional investments in precious metals, TVVIN tokens allow you to

participate in smaller amounts, making them highly accessible to a wider range of investors.

Low Entry Barriers: The fractional nature of the tokens eliminates the high initial investment typically associated with acquiring real-world assets like gold bars.

**Global Accessibility:** TVVIN's platform breaks through geographical barriers, enabling investors from every corner of the globe to partake in the RWA market.

**Transparency:** The immutable character of blockchain technology ensures complete transparency throughout the investment process, fostering trust and confidence.

**Full Regulatory Compliance:** TVVIN prioritises adherence to regulatory requirements, ensuring a secure and legitimate investment environment.

## Regulatory Compliance and Security Measures

At TVVIN, regulatory compliance and security are held in high regard, recognising their significance in building and maintaining investor and partner trust and confidence. Here are some fundamental aspects of TVVIN's approach toward regulatory compliance and security:

#### Regulatory Compliance

- 1. Licensing: TVVIN operates through licensed entities in multiple jurisdictions to ensure compliance with relevant regulations. For example, TVVIN's entity in the Bailiwick of Jersey is to be overseen by the regulation stipulated from the Jersey Financial Services Commission (JFSC).
- 2. Know Your Customer (KYC) and Anti-Money Laundering (AML) Processes: TVVIN implements robust KYC and AML processes for both institutional and retail clients. Prospective investors must complete these processes before gaining access to TVVIN investment portals.
- **3. Segregation of Duties:** TVVIN has established a clear separation between its operational entities and the legal custodian (TVVIN Trust) that safeguards the underlying assets backing the tokens on behalf of token holders.

#### **Security Measures:**

- 1. Impenetrable Custody: TVVIN partners with a reputable vault provider to securely store the LBMA-certified precious metals. The custody arrangements are regularly audited, and the vaults employ topnotch bank-level security measures.
- 2. On-Chain Transparency and Traceability: TVVIN is committed to bringing supply chain and traceability procedures on-chain, providing investors with greater transparency and creating sustainable accountability in the field.
- **3. Digital Custodianship:** TVVIN offers digital custodianship services, providing cold storage solutions for clients' tokenized assets, further enhancing the security of their investments.
- **4. Risk Management:** TVVIN employs qualified professionals who hold a fiduciary duty to invest and trade the assets held in TVVIN vaults responsibly. Conservative loan-to-value (LTV) ratios and insurance against black swan events are implemented to mitigate potential losses.

#### Conclusion

TVVIN signifies a profound transformation in the investment industry, presenting an avenue to real-world asset tokenization. Through its ability to overcome the limitations of conventional investment options and leverage the benefits of blockchain technology, TVVIN grants investors accessibility, transparency, and liquidity.

With a commitment to regulatory compliance and robust security measures, TVVIN endeavours to establish a trustworthy ecosystem for RWA investments. As the platform undergoes continuous evolution and expansion of its offerings, it possesses the potential to reshape the future of finance.

To explore the transformative possibilities of TVVIN and start your RWA investment journey, visit their official website.



## Binance Breaks 200 Million User Barrier: Can They Weather The Storm?

he past two years for Binance, the world's largest cryptocurrency exchange, have been a whirlwind. Regulatory battles, hefty fines, and even the arrest of its founder CZ, the exchange painted a picture of an industry titan under siege.

Yet, Binance has emerged unscathed. On Saturday, the exchange announced it had surpassed a staggering 200 million users, solidifying its position as the undisputed king of crypto.

Richard Teng, CEO of Binance, attended the company's celebration and sent the users his best wishes. He admitted that the community's support was a major factor in the journey's success. His message said: We have hit 200M users Binance! This milestone wouldn't have been possible without YOU – our incredible community ... Thank you! The journey to 1 billion users continues. Let's keep building together.

Unfazed By The Storm This milestone comes amidst a backdrop of intense scrutiny. Since 2022, the company has faced a barrage of regulatory hurdles from countries like the UK, Singapore, and the US.

Accusations of lax antimoney laundering measures and unregistered securities offerings resulted in hefty fines and limitations on operations. In a particularly dramatic turn, news broke of CZ's arrest in China in early 2024, raising fears for the exchange's future.

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# Paraguayan Minister Unveils Future Economic Strategy Centered on Bitcoin Mining for Industrial Transition

avier Gimenez, from the Paraguayan Ministry of Industry and Commerce, revealed that the government plans to take advantage of the energy sold to legal bitcoin mining operations. Gimenez stated that selling Paraguay's energy to bitcoin mining companies is part of the government's strategy, which seeks to rebuild its industry in three years as part of a transitional phase.

Paraguayan Minister Reveals Government Will Keep Selling Energy to Bitcoin Miners Paraguay has revealed its strategy regarding bitcoin mining. Javier Gimenez, the Minister of Industry and Commerce, recently disclosed the new direction Santiago Pena's government will follow, stating that the country will keep selling energy to legal bitcoin miners.

In a meeting with Brazilian representatives of the joint commerce chamber, Gimenez explained that Paraguay's energy surpluses would power 10,000 industries, but only a few can take advantage of it now. This is why the government will keep providing energy to bitcoin miners, who have a steady demand for this power.

The minister disclosed that, after some years, the government would substitute bitcoin mining activities with laborintensive industries, bringing jobs to more Paraguayans. However, he acknowledged that this approach would not be popular among some circles. "The press attacks you every day when you want to implement an idea like this, but the president is not afraid," he stressed.





# DECODING VALIDIUMS ENHANCING ETHEREUM'S PERFORMANCE THROUGH OFF-CHAIN TRANSACTIONS

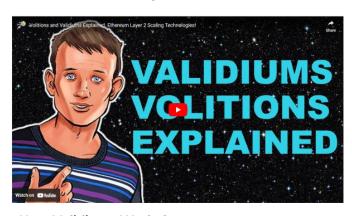
Blockchain technology has revolutionized various industries by offering transparent, decentralized, and immutable transaction records. However, as the adoption of blockchain grows, scalability emerges as a pressing challenge, particularly for prominent networks like Ethereum. In response to this challenge, innovative layer-2 scaling solutions have emerged, with Validiums standing out as a promising approach.

Validiums represent a groundbreaking layer-2 scaling technology tailored to address Ethereum's scalability limitations. By processing transactions off-chain, Validiums aim to significantly enhance Ethereum's performance, throughput, and cost efficiency. In this comprehensive blog, we will delve deep into the intricacies of Validiums, exploring their underlying principles, operational mechanics, advantages, and potential challenges.

Through a detailed examination, we will elucidate the role of Validiums within the broader landscape of layer-2 solutions, comparing them with other scaling approaches and highlighting their unique features and benefits. Furthermore, statistical insights and real-world examples will be provided to illustrate the impact and efficacy of Validiums in enhancing blockchain scalability.

#### Understanding Validiums

Validiums are a type of layer-2 scaling solution for Ethereum. Unlike traditional layer-2 solutions that might still store data on-chain, Validiums process transactions off-chain and only send concise proofs back to the Ethereum mainnet for verification. This method drastically reduces the load on the mainnet, resulting in higher throughput, lower costs, and reduced network congestion.



#### How Validiums Works?

Validiums operate through a multi-step process meticulously crafted to optimize transaction processing and elevate scalability to new heights. Let's delve deeper into each step:

#### **Step 1: Transaction Submission**

Initiating the process, users kickstart transactions by submitting them to a Validium operator. Serving as the custodian of off-chain transaction processing, the operator shoulders the responsibility of orchestrating the subsequent steps.

#### Step 2: Batching and Off-Chain Processing

Central to the efficiency of Validiums is the aggregation of transactions into batches by the operator. These batches, meticulously curated to maximize efficiency, are then subjected to off-chain processing. This off-chain processing stands as a beacon of efficiency, dramatically augmenting throughput in comparison to the traditional on-chain processing of individual transactions.

#### **Step 3: Proof Generation**

Following the off-chain processing, the operator takes the helm in generating zero-knowledge (ZK) proofs. These cryptographic marvels serve as the cornerstone of validity, ensuring that the off-chain transactions meticulously adhere to the stringent guidelines set forth by Ethereum's protocol. Crucially, these proofs accomplish this feat without divulging any specifics of the underlying transactions, thereby preserving the integrity and privacy of the process.

#### **Step 4: Proof Verification**

The culmination of the process sees the generated ZK-proofs accompanied by a state commitment—a cryptographic embodiment of the current off-chain system state—being uploaded to the Ethereum mainnet. Here, within the hallowed digital halls of the mainnet, a smart contract stands as the guardian of integrity. Tasked with the solemn duty of verifying the proofs, the smart contract ensures that the off-chain calculations were executed flawlessly and that the resultant state complies immaculately with Ethereum's regulatory framework. In doing so, it bestows upon the transactions the impenetrable shield of security and the resolute stamp of finality.

#### **Step 5: State Commitment**

In addition to the ZK-proofs, the Validium operator also submits a state commitment to the Ethereum mainnet. This commitment serves as a cryptographic representation of the current state of the off-chain system. By including the state commitment along with the proofs, the operator provides a snapshot of the system's state at the time of transaction processing, enabling the mainnet to validate the integrity of the transactions comprehensively.

#### **Step 6: Mainnet Verification**

Upon receiving the ZK-proofs and the state commitment, the Ethereum mainnet springs into action. A smart contract dedicated to Validium verification meticulously scrutinizes the proofs and the accompanying state commitment. Through a series of cryptographic checks, the smart contract ensures that the off-chain calculations were executed accurately and that the resulting state transition adheres strictly to Ethereum's protocol. This verification process acts as the final checkpoint, affirming the security, integrity, and irrevocable finality of the transactions.

#### Step 7: Confirmation and Finality

Once the Ethereum mainnet completes the verification process and confirms the validity of the transactions, the transactions are considered finalized. This confirmation marks the culmination of the journey for each transaction, signifying that it has successfully traversed the intricate web of off-chain processing, cryptographic proofs, and mainnet verification. With finality achieved, the transactions become immutable and irrefutable, forever etched into the annals of the Ethereum blockchain.

#### Step 8: Continual Validity Assurance

Beyond the initial verification, Validiums uphold the principle of continual validity assurance. Through recurrent validity checks and ongoing monitoring, the integrity of the off-chain transactions is safeguarded over time. This continual assurance mechanism ensures that even after transactions are finalized, their validity remains beyond reproach, providing users with unwavering confidence in the reliability of the Validium system.

#### **Technical Components of Validiums**

Validiums rely on a sophisticated combination of cryptographic techniques and data structures to achieve their objectives of scalability, efficiency, and security. Below, we delve deeper into the key technical components that underpin the functionality of Validiums:

#### Zero-Knowledge Proofs (ZK-Proofs)

Zero-Knowledge Proofs (ZK-proofs) stand as the bedrock of Validiums, embodying the principle of privacy-preserving verification. These cryptographic constructs allow one party (the prover) to

demonstrate to another party (the verifier) that a certain statement is true without revealing any additional information beyond the validity of the statement itself.

In the context of Validiums, ZK-proofs play a pivotal role in ensuring the integrity and validity of off-chain transactions. When a transaction is processed off-chain, the operator generates a ZK-proof to attest to its validity. This proof cryptographically guarantees that the transaction complies with Ethereum's rules and guidelines, without disclosing any sensitive transaction details such as sender addresses, receiver addresses, or transaction amounts. By leveraging ZK-proofs, Validiums achieve a delicate balance between transparency and privacy, enhancing the overall security and trustworthiness of the system.

#### **State Commitments**

State commitments serve as cryptographic anchors that tether the off-chain transactions to the Ethereum mainnet, ensuring seamless integration and verifiability. These commitments represent a cryptographic snapshot of the current state of the off-chain system, encapsulating essential information such as account balances, transaction histories, and smart contract states.

When off-chain transactions are processed and validated, the resulting state changes are encapsulated in a state commitment along with the corresponding ZK-proofs. This combined payload is then submitted to the Ethereum mainnet for verification. By including state commitments in the verification process, Validiums enable the mainnet to validate the integrity and correctness of off-chain state transitions, thereby upholding the immutability and trustworthiness of the entire system.

#### **Merkle Trees**

Merkle Trees are another crucial component of Validiums, providing an efficient way to represent and verify the integrity of large datasets. These binary trees allow for the aggregation of multiple data points into a single hash value, known as the Merkle Root. By recursively hashing pairs of data points until a single root hash is obtained, Merkle Trees enable efficient verification of data integrity. In the context of Validiums, Merkle Trees are utilized to represent the state of the off-chain system, with

each leaf node representing a specific data point, such as a transaction or account balance. The Merkle Root serves as a compact representation of the entire dataset, facilitating efficient validation and verification on the Ethereum mainnet.

#### **Fraud Proofs**

Fraud Proofs are cryptographic constructs that enable participants to prove the occurrence of fraudulent behavior without revealing sensitive information. In the context of Validiums, fraud proofs serve as a safeguard against malicious actors seeking to manipulate or compromise the off-chain transaction processing. By providing a mechanism for participants to detect and prove the occurrence of fraudulent activities, fraud proofs enhance the security and trustworthiness of the Validium system. These proofs can be used to refute invalid transactions, rollback unauthorized state changes, and mitigate the impact of adversarial behavior, thereby safeguarding the integrity of the blockchain network.

#### Plasma Framework

The Plasma Framework is a layer-2 scaling solution that complements Validiums by providing additional scalability and security enhancements. Developed by Vitalik Buterin and Joseph Poon, the Plasma Framework leverages a combination of smart contracts and sidechains to enable the creation of hierarchical blockchain structures, known as Plasma Chains. These chains operate independently of the Ethereum mainnet, allowing for the processing of a large number of transactions in parallel. By integrating with the Plasma Framework, Validiums can further enhance their scalability and throughput, enabling the processing of an even greater volume of off-chain transactions while maintaining a high level of security and decentralization.

#### Byzantine Fault Tolerance

Byzantine Fault Tolerance (BFT) is a key concept in distributed systems that ensures the continued operation and integrity of the network in the presence of faulty or malicious actors. In the context of Validiums, BFT mechanisms are employed to prevent the occurrence of consensus failures and maintain the consistency of the off-chain transaction processing. By leveraging BFT algorithms such as Practical Byzantine Fault Tolerance (PBFT) or

Federated Byzantine Agreement (FBA), Validiums can achieve robustness and resilience against a wide range of adversarial attacks, ensuring the reliability and trustworthiness of the system.

Comparing Validiums with Other Layer-2 Solutions While Validiums are a promising scaling solution, it's important to understand how they compare with other layer-2 technologies like Rollups and Volition.

#### Rollups vs. Validiums

Rollups process transactions off-chain but store data on-chain, providing enhanced security and simplified verification. Validiums, on the other hand, optimize for lower costs and higher scalability by keeping data off-chain, albeit with a slight trade-off in security.

#### Volition vs. Validiums

Volition offers users the flexibility to choose between off-chain and on-chain data availability for their transactions. This choice provides enhanced security and flexibility at a slightly higher cost. Validiums, in contrast, focus exclusively on off-chain data storage to maximize scalability and cost reduction.

#### **Benefits of Validiums**

Validiums present a multitude of compelling advantages that position them as a frontrunner in the realm of layer-2 scaling solutions for Ethereum. Below, we delve deeper into the significant benefits offered by Validiums:

#### **Faster Transactions**

One of the most notable advantages of Validiums is their ability to expedite transaction processing by alleviating the computational burden on the Ethereum mainnet. By offloading transaction processing to an off-chain environment, Validiums unlock the potential for lightning-fast transaction times and enhanced network efficiency. For instance, empirical studies have demonstrated that Validiums can increase transaction throughput by up to 100 times compared to traditional on-chain processing methods. This exponential boost in transaction speed translates into a smoother and more seamless user experience, enabling users to execute transactions with unparalleled speed and efficiency.

#### **Reduced Fees**

In addition to accelerating transaction processing, Validiums offer substantial cost savings in the form of reduced transaction fees. By handling the bulk of transaction data and computations off-chain, Validiums significantly mitigate the gas fees associated with executing transactions on the Ethereum mainnet. This cost-effectiveness makes Validiums an attractive option for users and businesses seeking to minimize transaction costs while maximizing the value of their interactions with the Ethereum network. Whether engaging in decentralized finance (DeFi) protocols, nonfungible token (NFT) marketplaces, or decentralized applications (DApps), users can benefit from lower transaction fees without compromising on security or reliability.

#### **Enhanced Privacy**

Validiums shine as a beacon of privacy in the blockchain landscape, offering enhanced confidentiality through the utilization of Zero-Knowledge Proofs (ZK-proofs). These cryptographic constructs enable transactions to be validated without divulging specific details such as sender addresses, receiver addresses, or transaction amounts. This heightened privacy protection is invaluable for users and businesses that prioritize confidentiality and data security in their blockchain interactions. Whether conducting financial transactions, sharing sensitive information, or engaging in private communications, Validiums empower users to transact with confidence, knowing that their privacy is safeguarded by state-of-the-art cryptographic techniques.

#### Scalability

Furthermore, Validiums provide a scalable solution to the ever-growing demands of the Ethereum network. By processing transactions off-chain and batching them for verification on the mainnet, Validiums unlock the potential for exponential scalability, allowing the network to accommodate a significantly higher volume of transactions without compromising on speed or efficiency. This scalability is essential for supporting the burgeoning ecosystem of decentralized applications (DApps), decentralized finance (DeFi) protocols, and non-fungible token (NFT) marketplaces that rely on Ethereum as their underlying infrastructure. With Validiums at the helm, Ethereum is poised to scale new heights, facilitating

innovation and growth across the decentralized ecosystem.

#### **Challenges Faced by Validium Systems**

Despite their numerous benefits, Validiums also face several challenges that need to be addressed to ensure their robust implementation:

#### **Data Availability**

One significant concern is data availability. Since Validiums store transaction data off-chain, there is a risk that this data could be lost or become inaccessible if the off-chain storage solution fails or is compromised. This could hinder the ability to verify transactions and maintain the integrity of the blockchain's history.

#### **Centralization Risks**

The role of the operator in a Validium system presents potential centralization risks. Operators are responsible for collecting transactions, generating ZK-proofs, and submitting state commitments to the Ethereum mainnet. If operators act maliciously or fail to perform their duties correctly, they could compromise the system. Additionally, relying on a limited number of operators concentrates power and trust in the hands of a few entities, which could undermine the decentralized ethos of blockchain technology.

#### **Statistical Insights**

To further illustrate the impact of Validiums, let's consider some statistical insights:

**Transaction Throughput:** Validiums can increase transaction throughput by up to 100x compared to on-chain processing. This is particularly beneficial for high-throughput applications such as decentralized exchanges (DEXs) and gaming platforms.

**Cost Reduction:** Users can experience a reduction in gas fees by up to 90% when using Validiums, making blockchain interactions more affordable.

**Latency:** Off-chain processing reduces transaction latency, with confirmation times dropping from minutes to seconds, enhancing the user experience.

#### **Future of Validiums**

The future of Validiums looks promising as the demand for scalable and cost-effective blockchain solutions continues to grow. Several factors will influence the adoption and development of

Validiums:

#### Integration with DApps

Validiums are well-suited for decentralized applications (DApps) that require high throughput and low transaction costs. As more DApps integrate Validium technology, we can expect increased adoption and innovation in the space.

#### **Improved Security Measures**

To address data availability and centralization risks, developers are working on enhanced security measures and decentralized operator networks. These improvements will make Validium systems more resilient and trustworthy.

#### **Ecosystem Support**

The Ethereum ecosystem's support for layer-2 solutions, including Validiums, will play a crucial role in their adoption. Continued investment in research and development, along with collaborations between projects, will drive the growth and maturity of Validium technology.

#### Conclusion

Validiums represent a powerful layer-2 scaling solution for Ethereum, offering significant improvements in transaction speed, cost efficiency, and privacy. By processing transactions off-chain and leveraging zero-knowledge proofs, Validiums reduce the load on the Ethereum mainnet and provide a more efficient user experience. However, challenges related to data availability and centralization must be addressed to ensure the robust and secure implementation of Validium systems.

As the blockchain industry continues to evolve, Validiums will play a crucial role in enabling scalable and cost-effective solutions, driving the adoption of decentralized technologies across various sectors. With ongoing advancements and ecosystem support, Validiums have the potential to transform the way we interact with blockchain networks, paving the way for a more scalable and efficient future.

#### **FAQs**

#### 1. What are Validiums?

Validiums are a layer-2 scaling solution designed to optimize the performance of the Ethereum blockchain. They operate by processing the majority of transactions off-chain, thereby reducing the computational load on the Ethereum mainnet and improving overall network efficiency.

#### 2. How do Validiums work?

Validiums follow a multi-step process where transactions are submitted to a Validium operator, batched and processed off-chain, and then validated on the Ethereum mainnet using Zero-Knowledge Proofs (ZK-proofs) and state commitments. This approach significantly boosts transaction throughput and reduces congestion on the main network.

#### 3. What are the benefits of Validiums?

Validiums offer several key benefits, including faster transaction processing, reduced transaction fees, and enhanced privacy. By processing transactions off-chain and utilizing ZK-proofs, Validiums improve transaction speed, lower costs, and provide confidentiality for users and businesses interacting with the Ethereum network.

#### 4. Are Validiums secure?

Yes, Validiums leverage cryptographic techniques such as ZK-proofs and state commitments to ensure the security and integrity of off-chain transactions.

By validating transactions on the Ethereum mainnet and relying on Ethereum's strong security model, Validiums maintain a high level of security while scaling transaction throughput.

## 5. How do Validiums compare to other scaling solutions like Rollups?

Validiums and Rollups are both layer-2 scaling solutions for Ethereum, but they differ in their approach to data availability. While Rollups store transaction data on-chain, Validiums process transactions off-chain, prioritizing scalability and cost reduction. However, Validiums trade off slightly reduced security for increased scalability compared to on-chain solutions like Rollups.

## 6. Can Validiums be used for decentralized applications (DApps)?

Yes, Validiums are well-suited for decentralized applications (DApps) that require high throughput and low transaction fees. By processing transactions off-chain, Validiums alleviate the congestion on the Ethereum mainnet, making them an attractive scaling solution for DApps with high transaction volumes.





### Whales or Institutions Are Accumulating Arbitrum-Based DEX Altcoin From Binance: Lookonchain

lockchain tracking firm Lookonchain says that whales – possibly institutional investors – are accumulating a decentralized exchange (DEX) altcoin.

According to Lookonchain, fresh wallets have been accumulating the native token of GMX (GMX), a DEX that operates on the Arbitrum (ARB) and Avalanche (AVAX) blockchains offering spot and leveraged trading.

The firm says the entity has already accumulated over \$15 million worth of GMX from Binance.

"Whales/institutions are buying GMX, and the price of GMX has increased by ~24% in [two days].

Six fresh wallets withdrew a total of 344,502 GMX (\$15.3 million) from Binance in [two days].

At time of writing, GMX is trading for \$38.51, down 2.73% in the past day.

Lookonchain has also spotted another whale that is currently in an accumulation phase, this time targeting the frogthemed memecoin Pepe (PEPE) from crypto exchange Kraken.

"A whale bought 231.6 billion PEPE (\$2.9 million) from Kraken again.

Read more...

## Trump Makes 'Crypto President' Play at Fundraiser

he Republican presidential hopeful doubled down on his pro-crypto stance, according to attendees of the fundraising event.

Republican presidential hopeful and convicted felon Donald Trump billed himself as a "crypto president" at a fundraising event Friday, according to those present.

A report in Reuters cited attendees at the fundraiser who claimed Trump had espoused pro-crypto views at the event. "He said he would be the crypto president," said Trevor Traina, ambassador to Austria during Trump's presidency.

While Trump didn't offer any specifics on his crypto policies, he



reportedly indicated that, "the Biden-Gensler crusade against crypto will grind to a halt within one hour of a second Trump administration," according to Jacob Helberg, senior policy adviser to the CEO of data analytics provider Palantir.

Among those reported as attending the fundraiser were executives from crypto exchange Coinbase, and Gemini co-founders Tyler and Cameron Winklevoss. Crypto has become something of a hot-button issue in the upcom-

ing election. Last month saw a bipartisan consensus aligning around a key crypto regulation bill, swiftly followed by the surprise approval of multiple U.S. spot Ethereum ETFs, in what crypto industry figures called a "game changer" for crypto.

"My guess is that this is now an extremely important political issue," Ethereum cofounder Joe Lubin told Decrypt, arguing that crypto has graduated to a higher status.



The cryptocurrency market is a dynamic and everevolving ecosystem driven by various factors, including market depth. Market depth, often referred to as order book liquidity, plays a crucial role in determining crypto prices and influencing trading strategies. In this comprehensive guide, we will delve deep into the concept of market depth, explore its significance in the crypto market, and analyze how it impacts prices and trading strategies. By understanding market depth and its implications, traders can make more informed decisions and navigate the crypto landscape with confidence.

#### What is Market Depth?

Market depth, in the context of cryptocurrency trading, refers to the volume of buy and sell orders at different price levels. It provides insights into the market's capacity to absorb large orders without significantly impacting prices. Market depth



is typically visualized through an order book, which displays the cumulative bids (buy orders) and asks (sell orders) at various price points.

## Importance of Market Depth in Crypto Trading

#### **Price Stability**

Price stability is essential for the credibility and attractiveness of any financial market, including cryptocurrencies. Market depth plays a crucial role in maintaining price stability in the cryptocurrency market. A deep market with ample liquidity can absorb large buy or sell orders without causing significant price fluctuations. This stability is especially vital in attracting institutional investors and mainstream adoption, as they seek markets where they can trade without fear of drastic price swings.

For example, during periods of high market depth, even substantial sell orders are met with enough buy orders to prevent a sharp decline in prices. Conversely, in shallow markets, a large sell order could cause panic selling and trigger a rapid price drop due to the lack of sufficient buy orders to absorb the selling pressure.

#### Liquidity

Liquidity is a measure of how easily an asset can be bought or sold in the market without causing a significant change in its price. Market depth directly impacts liquidity, with deeper markets offering higher liquidity and smoother trading experiences. In a liquid market, traders can enter and exit positions quickly and at a fair price, as there are enough participants willing to buy or sell at various price levels.

The availability of liquidity is particularly crucial for traders and investors who need to execute large orders without causing substantial price slippage. Slippage occurs when the execution price of an order differs from the expected price due to a lack of liquidity in the market. Deep markets minimize the risk of slippage, allowing traders to execute orders efficiently and at desired price levels.

#### **Execution Speed**

Market depth also influences the speed at which trades can be executed. In deep markets, orders can be filled quickly due to the presence of numerous buy and sell orders. This rapid execution speed is beneficial for traders who need to capitalize on short-term price movements or react swiftly to market news and events.

On the other hand, shallow markets may experience delays in order execution, especially for large orders. In such markets, there are fewer participants willing to trade at certain price levels, leading to longer waiting times for orders to be filled. This delay can be detrimental for traders, especially in fast-moving markets where every second counts.

#### **Price Discovery**

Market depth provides valuable information for price discovery, allowing traders to gauge supply and demand dynamics in the market. By analyzing the order book, traders can identify potential support and resistance levels, as well as detect trends and patterns that may impact future price movements. This information enables traders to make informed decisions and develop effective trading strategies.

For instance, if a trader observes a significant accumulation of buy orders at a particular

price level, it may indicate strong support for the cryptocurrency at that level. Conversely, a cluster of sell orders at a higher price level could signal potential resistance to further price appreciation. By incorporating market depth analysis into their trading strategies, traders can better anticipate price movements and position themselves accordingly.

#### **How Market Depth Impacts Crypto Prices:**

Market depth plays a pivotal role in determining cryptocurrency prices by influencing supply and demand dynamics, order flow, susceptibility to market manipulation, and response to external events. Let's delve deeper into each aspect to understand its impact on crypto prices:

#### **Supply and Demand Dynamics:**

Market depth reflects the supply and demand for a particular cryptocurrency at different price levels. A high level of demand relative to supply, indicated by deep buy orders, typically results in upward price pressure. Conversely, a surplus of supply relative to demand, represented by deep sell orders, may lead to downward price pressure. Traders monitor market depth to gauge the balance between supply and demand, anticipating price movements accordingly.

#### **Order Flow:**

Large buy or sell orders can influence market sentiment and trigger price movements. In a deep market, these orders are absorbed smoothly, resulting in minimal price impact. However, in shallow markets, such orders can cause significant price fluctuations, as there may not be enough liquidity to absorb them. Traders analyze market depth to assess the potential impact of large orders on price stability and adjust their strategies accordingly.

#### Market Manipulation:

Market depth can be manipulated by large traders or "whales" to create artificial supply or demand levels. For example, a whale may place a large buy order to create the illusion of strong demand, enticing other traders to enter the market. Once other traders have entered, the whale may cancel the buy order and sell at a higher price, profiting from the price increase caused by the perceived demand. Traders need to be wary of such manipulation tactics and factor them into their trading decisions.

#### Impact of News and Events:

External factors such as news events, regulatory developments, or macroeconomic trends can influence market depth and, consequently, crypto prices. Positive news may attract more buyers, deepening the market and driving prices higher. Conversely, negative news could lead to increased selling pressure, resulting in shallow market conditions and price declines. Traders closely monitor news and events that could impact market depth, adjusting their strategies in response to changing market conditions.

## Statistics on Market Depth and Crypto Prices:

Analyzing statistical data provides valuable insights into the relationship between market depth and crypto prices. Here are some statistics illustrating this relationship:

#### 1. Bitcoin Market Depth Analysis:

These statistics show that exchanges with higher market depth tend to experience less price movement compared to those with lower market depth, indicating the importance of liquidity in stabilizing prices.

## Impact of Market Depth on Trading Volume:

Analyzing the relationship between market depth and trading volume reveals:

Exchanges with deeper markets typically have higher trading volumes, as traders feel more confident executing large orders without causing significant price fluctuations.

Shallow markets may experience lower trading volumes due to increased price volatility and uncertainty among traders.

#### **Trading Strategies Based on Market Depth:**

Traders employ various strategies in the cryptocurrency market, each influenced by market depth. Let's explore how different trading strategies leverage market depth to achieve their objectives:

#### Scalping:

Scalpers aim to profit from small price fluctuations by entering and exiting positions quickly. Market depth is crucial for scalping, as traders rely on tight bid-ask spreads and ample liquidity to execute trades efficiently. Deep markets provide scalpers with the necessary liquidity to execute large volumes of trades rapidly without significantly affecting prices. By analyzing market depth, scalpers identify optimal entry and exit points to maximize profits while minimizing risks.

#### **Swing Trading:**

Swing traders hold positions for a few days to weeks, aiming to capture larger price movements. While market depth is less critical for swing trading than for scalping, deep markets provide better opportunities for entering and exiting positions at favorable prices. Swing traders analyze market depth to identify support and resistance levels, allowing them to time their trades effectively. By understanding market depth dynamics, swing traders can capitalize on price swings and maximize returns over the medium term.

#### **Arbitrage:**

Arbitrage traders exploit price differences between different exchanges or markets to generate profits. Market depth is essential for arbitrage strategies, as traders need sufficient liquidity to execute trades across multiple venues without causing significant price discrepancies. Deep markets with high liquidity reduce the risk of slippage and increase the efficiency of arbitrage opportunities. Arbitrage traders monitor market depth across various platforms to identify discrepancies and execute trades swiftly to capitalize on price differentials.

#### **Position Trading:**

Position traders take long-term positions based on fundamental analysis and market trends. While market depth may not be a primary consideration for position traders, deep markets provide greater confidence in executing large orders without causing price slippage. Position traders analyze market depth to assess overall market liquidity and identify potential entry and exit points for their long-term positions. Deep markets with robust liquidity allow position traders to enter and exit positions smoothly, minimizing the impact on prices.

## Statistics on Trading Strategies and Market Depth:

Analyzing statistical data provides insights into how trading strategies are influenced by market depth.

Here are some statistics illustrating this relationship:

#### 2. Scalping Performance Analysis:

These statistics demonstrate that scalpers achieve higher profits and success rates in deeper markets, where liquidity allows for more efficient trade execution.

#### **Arbitrage Profitability:**

Analysis of arbitrage profitability across different market depths reveals:

Deeper markets exhibit higher arbitrage profitability due to lower slippage and reduced price differentials between exchanges.

Shallow markets may present arbitrage opportunities, but higher slippage and price discrepancies increase the risk and reduce profitability.

#### **Risks Associated with Market Depth:**

While market depth provides valuable insights into cryptocurrency trading, it also introduces certain risks that traders need to be aware of. Understanding these risks is essential for making informed trading decisions and mitigating potential losses. Let's explore some of the risks associated with market depth:

#### 1. Market Manipulation:

Shallow markets are more susceptible to manipulation, as large traders can influence prices with relatively small orders. Traders should be wary of market manipulation tactics such as spoofing, wash trading, and pump and dump schemes. Spoofing involves placing fake orders to deceive other traders about market sentiment, while wash trading entails artificially inflating trading volume to create a false impression of market activity. Pump and dump schemes involve artificially inflating the price of a cryptocurrency through coordinated buying, followed by selling to unsuspecting investors at inflated prices. By understanding the risks of market manipulation, traders can better protect themselves from falling victim to fraudulent activities.

#### 2. Slippage:

Slippage occurs when the execution price of a trade differs from the expected price due to a lack of liquidity. In shallow markets, large orders may experience significant slippage, resulting in

higher trading costs for the trader. Traders should carefully consider the potential for slippage when executing trades in shallow markets and adjust their trading strategies accordingly. Using limit orders and smaller order sizes can help reduce the impact of slippage on trading performance.

#### 3. Volatility:

Shallow markets are inherently more volatile than deep markets, as they are more sensitive to supply and demand imbalances. Traders should be prepared for increased price fluctuations and be mindful of risk management strategies to mitigate potential losses. Volatility can present both opportunities and challenges for traders, offering the potential for higher profits but also increasing the risk of significant losses. By adopting prudent risk management practices, traders can navigate volatile market conditions more effectively and protect their capital.

#### 4. Lack of Transparency:

Market depth data may not always accurately reflect true market conditions, especially in off-exchange trading or during periods of low liquidity. Traders should exercise caution and verify market depth information from reliable sources to avoid making decisions based on incomplete or misleading data. Lack of transparency can undermine the integrity of market analysis and lead to erroneous trading decisions. By conducting thorough due diligence and using reputable trading platforms, traders can reduce the risk of being misled by inaccurate market depth data.

#### **Conclusion:**

In conclusion, market depth is a fundamental concept in cryptocurrency trading that significantly impacts prices and trading strategies. Deep markets with ample liquidity offer price stability, efficient order execution, and better opportunities for traders to profit from various strategies. However, shallow markets are prone to price manipulation, slippage, and increased volatility, posing risks for traders.

By understanding market depth and its implications, traders can make informed decisions, manage risks effectively, and navigate the cryptocurrency market with confidence. It is essential to conduct thorough research, use reliable data sources, and employ risk management techniques to mitigate the challenges

associated with market depth. With the right knowledge and strategies, traders can leverage market depth to their advantage and achieve their trading goals in the dynamic and evolving crypto landscape.

#### **FAQs**

## 1. How is market depth measured in crypto trading?

Market depth in crypto trading is typically measured using an order book, which displays all pending buy and sell orders along with their respective quantities and prices. Traders analyze the order book to assess the depth of the market and anticipate price movements based on the level of liquidity at different price levels.

## 2. Why is market depth important for crypto traders?

Market depth is important for crypto traders because it helps them gauge the level of liquidity in the market and anticipate potential price movements. Traders use market depth analysis to identify support and resistance levels, assess the impact of large trades on prices, and make informed trading decisions based on the prevailing market conditions.

## 3. How does market depth affect crypto prices?

Market depth can influence crypto prices by reflecting the balance between supply and demand in the market. In a deep market with ample liquidity, large buy or sell orders are absorbed smoothly, resulting in minimal price impact. However, in a shallow market with limited liquidity, even relatively small orders can cause significant price fluctuations.

## 4. What factors influence market depth in crypto trading?

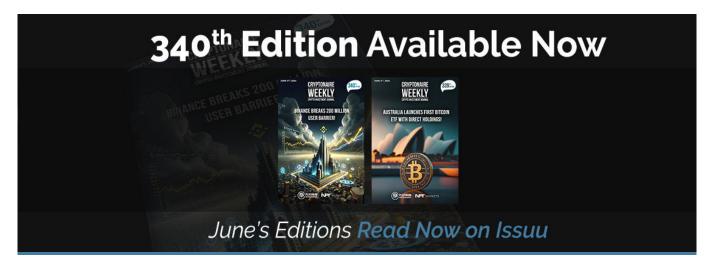
Several factors can influence market depth in crypto trading, including liquidity, bid-ask spread, exchange popularity and volume, distribution and size of orders, market maker activity, economic indicators, regulatory environment, and trading pairs. These factors collectively determine the resilience of the market to large trades and its overall trading efficiency.

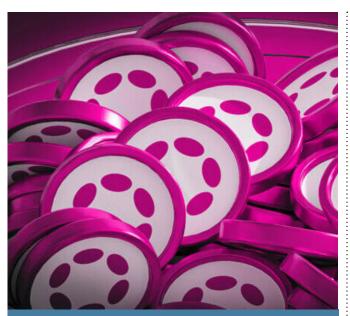
## 5. How can traders use market depth for technical analysis?

Traders can use market depth for technical analysis by examining the order book to identify key support and resistance levels, assess the strength of market trends, and anticipate potential price movements. Depth charts and market depth indicators are commonly used tools that visually display buy and sell orders at different price levels, helping traders make well-informed trading decisions.

## 6. What are the risks associated with market depth in crypto trading?

Some risks associated with market depth in crypto trading include market manipulation, slippage, volatility, and lack of transparency. Shallow markets are particularly vulnerable to manipulation tactics such as spoofing and pump and dump schemes, while slippage can occur when executing trades in illiquid markets. Traders should be aware of these risks and take appropriate measures to mitigate them when trading cryptocurrencies.





## Polkadot treasury allocates \$14.4 million to bolster DeFi project Hydration

ydration said the funding will boost the liquidity and efficiency of its single-sided liquidity provisioning platform, Omnipool.

Polkadot Treasury has allocated 2 million DOT, valued at \$14.4 million, to enhance the liquidity of the DeFi project Hydration, according to a June 10 statement shared with CryptoSlate.

The project stated that the funds will boost the liquidity and efficiency of its single-sided liquidity provisioning platform, Omnipool.

This latest funding aligns with Polkadot's current efforts to improve and expand the network's adoption worldwide. Over the past weeks, the blockchain's Web 3 Foundation has funded several projects, including PolkaPort East and Accelerate Polkadot.

Two-phase execution
This allocation will be
executed in two phases.
The first phase will disburse 1 million DOT to
attract new liquidity
to the Polkadot ecosystem. This includes
rewards for liquidity
providers (LPs) with an
annual percentage yield
(APY) exceeding 200%.

Hydration's Omnipool's single-sided LP design will facilitate this reward system. Users can earn rewards by depositing single assets or joining an incentive farm with stablecoins, DOT, and Bitcoin.

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# Robinhood's Bitstamp acquisition could open the door for institutional clients

Pannounced on Thursday that it plans to acquire Bitstamp for \$200 million

Robinhood announced on Thursday that it entered into an agreement to acquire Bitstamp. As part of the deal, Robinhood would pay \$200 million in cash and it gets the bonus of an international expansion. The deal won't close until the first half of 2025.

There are two aspects to look at when combing through this deal



and what it means for the publicly traded Robinhood.

While the announcement buoyed shares, which jumped on the news, analysts such as JMP's Devin Ryan didn't boost their price targets or weighting on the stock.

Ryan's team reiterated a \$30 price target and its outperform rating on the stock.

"We believe owning the exchange will provide opportunities for the firm to more deeply connect into the ecosystem (e.g., trading, staking, tokenization, payments, remittance, wallet integration), and perhaps over the longer term play an even bigger role in the tokenization of assets and securities, which we believe could be quite interesting. We also see opportunities to drive more activity and better economics with existing Robinhood retail customers through the exchange," the analysts wrote.

## DeFi Platform UwU Lend Undergoes Cyber Attack: \$19.5 Million Lost

wU Lend suffers a \$19.5 million loss from a cyber attack, Cyvers told BelnCrypto.

The ongoing breach spotlights DeFi's security challenges and urgent need for protection.

Industry experts stress the importance of realtime monitoring and proactive communication.

UwU Lend, a decentralized finance (DeFi) lending platform, has

reportedly lost over \$19.5 million to a crypto hack. The Web3 security firm Cyvers identified and reported this alarming incident.

As cyber threats escalate, this theft highlights the crypto industry's persistent vulnerabilities.

UwU Lend Becomes Latest Crypto Vulnerability

As of this writing, the platform is still under attack. In an interview with BelnCrypto, Cyvers



co-founder Meir Dolev shed light on the incident.

"The UwU lending contract was exploited by an attacker that executed 3 transactions in 6 minutes and drained approximately \$20 million. Attacker was funded from Tornado cash 2 days ago," Dolev told BelnCrypto

Currently, UwU Lend has not publicly addressed the specifics of the breach. This silence has sparked concern among users and stakeholders about the platform's security measures and response strategies.

Over the past year, numerous security.

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UK crypto ETNs see low trading volumes; retail access would be a 'game changer,' says 21Shares ince launching on May 28, crypto ETNs have had a slow start to trading in the UK, generating around \$500,000 in total volume.

With the bitcoin and ether products currently available only to professional investors, opening them up to the retail market would be a "game changer," according to 21Shares.

UK crypto exchangetraded notes backed by bitcoin and ether have witnessed low trading volumes since they launched on the London Stock Exchange on May 28 following approval from the country's financial regulator, the Financial Conduct Authority. Unlike the U.S. exchange-traded funds, only professional investors are permitted to trade the products — and opening them up to the retail market would be a "game changer," according to one of the issuers, 21Shares.

21Shares offers four bitcoin and four etherbacked cross-listed products in the UK. WisdomTree manages two Bitcoin BTC -2.57% and two Ethereum ETH -3.25% ETNs, and Invesco also offers two bitcoin-backed products. To be listed on the LSE, crypto ETNs must be physically backed, non-leveraged and offer exposure to only bitcoin or ether.

## Fidelity International Judge may impose **Tokenizes Money Market Fund** on JPMorgan's **Blockchain**



he U.K. firm joined JPMorgan's Tokenized Collateral Network (TCN), piloting the tokenization of its own money market fund with Onyx Digital Assets.

Fidelity International has selected JPMorgan's Onyx Digital Assets blockchain to tokenize a money market fund. The move means improved efficiency in delivering margin requirements and a reduction in transaction costs and operational risk, Fidelity International said.

Fidelity International, a London-based funds management firm, has tokenized shares in a money market fund (MMF) using JPMorgan's Ethereum-based private blockchain network, Onyx Digital Assets.

Tokenization occurred near instantaneously through connectivity between the fund's transfer agent (JPMorgan's transfer agency business) and Tokenized Collateral Network, an application that sits between a collateral receiver and a collateral provider on the bank's Onyx blockchain, said Fidelity International, which is a separate entity to U.S.-based Fidelity Management and Research.

Tokenization of traditional financial assets has become a priority for banks, and it's an area JPMorgan has been working on for some years. The essence of tokenization is to create on a blockchain a virtual investment.

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## 'extraordinary' response, recommend over 7 years for perjury for **Craig Wright**

he judge eyes severe penalties and custodial sentences for Wright in the COPA case.

Craig Wright faced a decisive blow in the courtroom today as the UK High Court delved into the penalties and injunctive relief in his case against the Crypto Open Patent Alliance (COPA). The proceedings, detailed in live updates from What The Finance on X, saw Jonathan Hough KC presenting a comprehensive argument for severe measures against Wright, emphasizing the harm caused by his fraudulent claims and litigious actions against prominent figures in the crypto community.

Jonathan Hough KC stressed the significant chilling effect Wright's actions had on crypto development, noting that five developers had distanced themselves from projects due to Wright's aggressive legal strategies. He highlighted the need for substantive injunctive relief to prevent Wright from perpetuating his claims of being Satoshi Nakamoto and to safeguard the integrity of the crypto ecosystem.

Hough detailed Wright's past prosecutions against individuals like Hodlonaut and Peter McCormack, portraying Wright's actions as vindictive attempts to destroy the lives of those who questioned his legitimacy.



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