



IPFS & FILECOIN VINS GLOBAL FINTECH

KEEP THE DATA FOREVER



VINS GLOBAL FINTECH

GLOBAL FINANCIAL EDUCATION AND TECHNOLOGY CORPORATION
LEADING THE BLOCKCHAIN INDUSTRY



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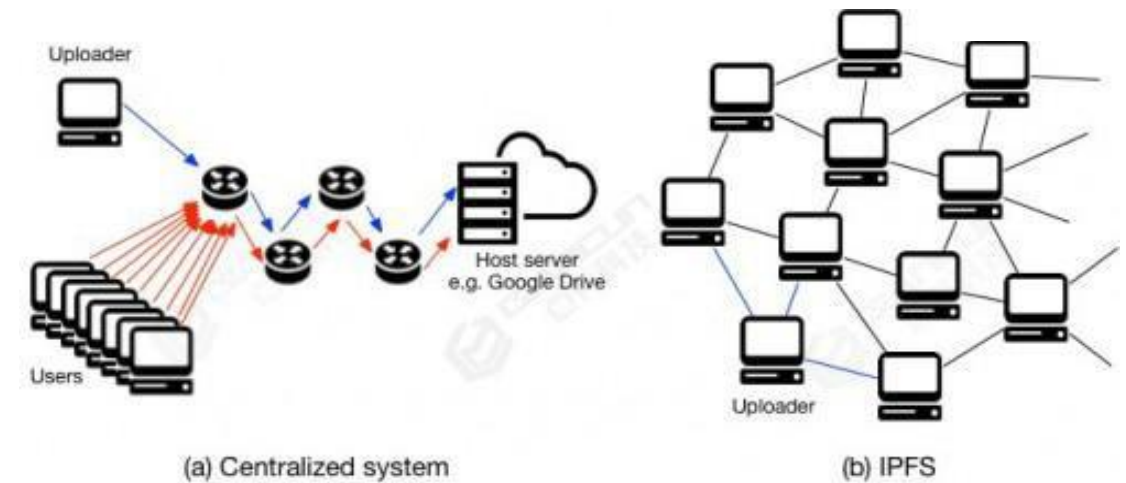


01

Introducing IPFS & Filecoin

[IPFS TECHNOLOGY]

The full name of IPFS is Inter Planetary File System which is a peer-to-peer distributed file system that connects all computer devices together. The goal of IPFS is to replace the HTTP protocol and become the communication protocol for distributed stored and shared files , which is also a distributed hyper media protocol (Hypermedia) that can make networking faster. , safer and more opening.

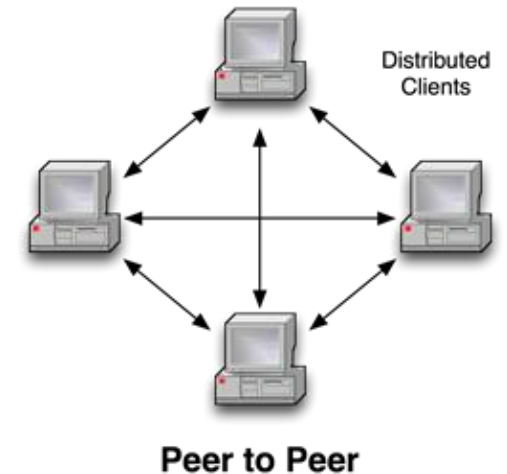
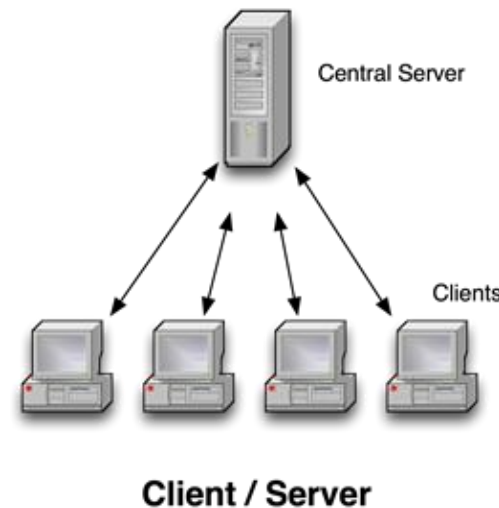


To explain clearer, the team of developers described how IPFS works similarly to BitTorrent, meaning that each computer participating in its network will assume both downloading and uploading data without the presence of a central server. Compared to HTTP, IPFS offers great potential by improving the transmission speed, avoiding dependence on servers, and potentially improving the structure of the Internet platform.

The limitations that HTTP currently has is that it depends too much on the server (representing the client-server model) and has limitations such as: if the server system crashes, the user will not be able to access it. , or the server holds too much user data, leading to scandals related to personal data (exposing photos, private clips, etc.). So IPFS was born with the thought of Peer to Peer (P2P) model instead of Client-serve. In particular, the activities of IPFS mainly rely on the ability to calculate the bandwidth of all participating machines, rather than focusing on a small part of central servers like other protocols.

Comparing with advantage of centralized data storage system:

- ◆ **Low cost:** Save 60% of network bandwidth and cut down on storage costs
- ◆ **Highly effective:** Peer-to-peer (P2P) networks can query data on almost any server at the same time
- ◆ **Safely:** Completely against all types of attacks
- ◆ **Permanently:** Storing data on multiple places, and completely fixes 404 error
- ◆ **Security:** Nobody has the right to query your data because of asymmetric encryption technology



[IPFS TECHNOLOGY]

Applications developed based on IPFS technology are constantly appearing, IPFS can be integrated into Google Chrome, BRAVE, Firefox, Opera browsers and included Hadoop in the IPFS system for peer-to-peer data analysis (P2P).). PeerPad uses IPFS to build serverless, real-time, and offline collaboration applications etc. After continuously establishing cooperation with Microsoft, the US Aerospace Agency (NASA), Netflix, D.Tube, Ujomusic Music, Viewly Video, etc., the actual value of IPFS in the world has been added. increase higher. Judging from the current popularity of IPFS, this is already a super high-end and highly anticipated project around the world.

CDN (Content Delivery Network)

+

Permanent storage

=

IPFS application scenario

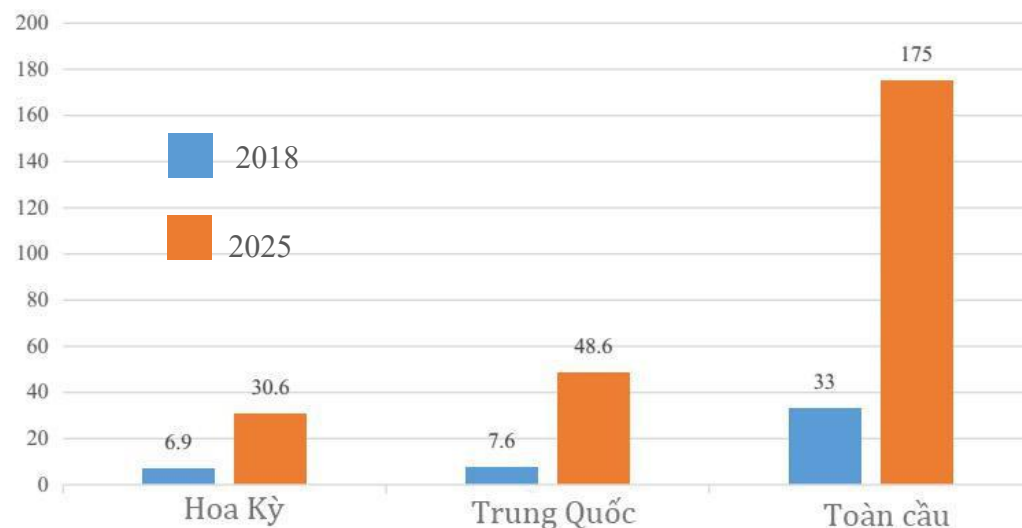


[IPFS TECHNOLOGY] (Data storage market)

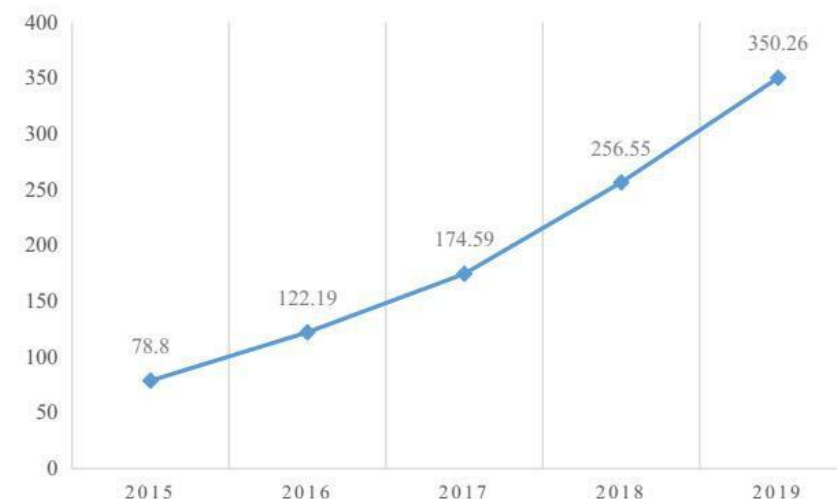
The network based on IPFS protocol will become the fastest, most reliable and largest data warehouse on the planet. Compared with traditional centralized storage providers like AWS, Alibaba Cloud, Azure, Google Cloud, Tencent Cloud etc., IPFS has a clear advantage. IPFS distributed storage has lower cost, better security, and higher efficiency.

With the advent of the new infrastructure era, unmanned driving, drones, smartphones, artificial intelligence, etc ... will create large data storage requirements. and IPFS will certainly be used in more areas.

Global Data Growth Trend (Unit ZB)



AWS Centralized Storage Profits (In USD)



By 2025, new global data will reach 175ZB, which equates to 46.976 billion 4TB hard drives.
The value of the global storage market is expected to reach \$ 1000 billion, and cloud storage will reach \$ 100 billion.

[What is Filecoin? Who is investing?]



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Filecoin (FIL) is the reward mechanism on the IPFS system. IPFS is committed to building a decentralized marketplace, and using FIL as the transaction execution token. FIL and IPFS are complementary protocols and both were created by Protocol Labs.

Under the IPFS reward mechanism, users pay fees for data storage and extraction. FIL miners provide archiving and extraction for rewards, many people may be encouraged to join an IPFS network or store concrete data.

INVESTING ORGANIZATIONS



Sequoia Capital



Winklevoss capital



Andreessen Horowitz



Digital Currency Group



stanford university



Y Combinator

FundersClub



FundersClub



Union Square Ventures

Many top organizations participate in IPFS investments



Sequoia Capital was established in American Silicon Valley in 1972. As the first investment organization in the world, Sequoia Capital has invested in many Fortune 500 companies such as Apple, Google, Cisco, Oracle, Yahoo. etc In China, nearly 50 famous Internet companies have investment projects of Sequoia Capital, such as Alibaba, Ant Financial, JD.Com, Meituan Dianping, Didi, etc.

In 2017, IPFS won the special attention of Sequoia Capital thanks to the professionalism and prestige of the team, the project's vision forward and continuous innovation, and its most core values. In this time, Sequoia Capital invested 50 million USD in IPFS project, showing the importance of the project.



Winklevoss capital

Winklevoss Capital (The Winklevoss Brothers) invested \$ 11 million to buy a large amount of Bitcoin worth \$ 120 in 2013, they currently own 1% of Bitcoin and become a billionaire thanks to the first Bitcoin in the world. Their choice to invest in the IPFS project is enough to prove that the value of IPFS and Filecoin is limitless. The two brothers have always invested in the Blockchain field and with a sharp investment vision, they have made high returns.

Many top organizations participate in IPFS investments



Andreessen Horowitz has actively invested in tech companies, including Skype, Zynga, Digg and 90 Internet companies such as Foursquare, Airbnb, Twitter and Facebook etc.

Since its founding, Andreessen Horowitz has become a leading venture capital firm in the United States in less than 10 years, thanks to its unique vision and a keen investment sense.



DCG is a place that supports startups in New York. The company focuses on investing digital money and Blockchain to build a worldwide blockchain and digital money ecosystem.

DCG has the world's largest portfolio of digital currencies and the Blockchain ecosystem, and the founding team of IPFS - Protocol labs is one of DCG's portfolios.

Many top organizations participate in IPFS investments



Stanford University is a famous research university and ranked second in the ranking of prestigious universities in the world, it has created a solid foundation for the formation and development of Silicon Valley, and has leadership training for high-tech companies. Stanford University is the former school of the founder of IPFS. In terms of technological innovation, Stanford University provided the largest supporting for the IPFS project.



Y Combinator

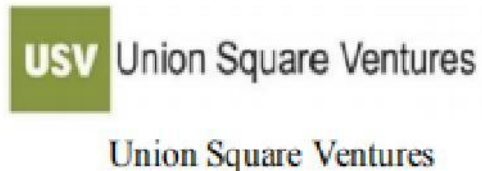
Silicon Valley's top YCombinator startup incubator project has now generated a market value of more than \$ 30 billion. Some people said that there are two types of nursery garden in Silicon Valley , one is called Y Combinator and other is called the other. In 2015, IPFS founded by Juan Benet received a huge investment in the YCombinator competition, and set up Protocol labs at the same time, it can be said that YCombinator is "Ba Lac" of IPFS.

Many top organizations participate in IPFS investments



FundersClub is an online American crowdfunding agency that selects potential startups for people to invest through the Internet and return with actual equity. All legal documents and orders are made online.

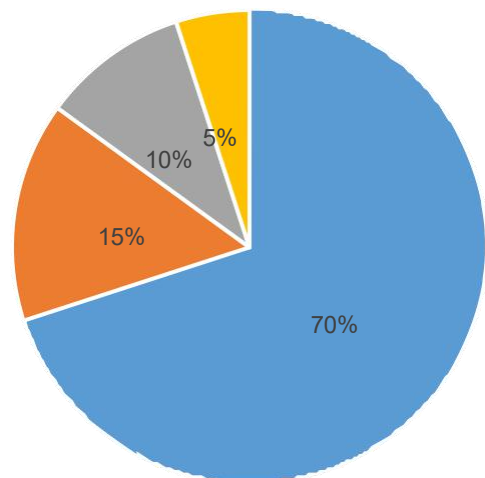
When the startups succeed, FundersClub will make a profit. Therefore, FundersClub will try to choose the best company to invest in, such as the IPFS team.



Union Square Ventures has headquarter in New York and manages \$ 1 billion in assets. With the popularity of digital currencies, they have focused on investing in the blockchain and cryptocurrency industries and plan to increase wealth through investment.

Union Square Ventures invested immediately after Protocol labs was founded, showing that IPFS is a high-value and profitable project.

Filecoin distribution rules



■ Filecoin Miner ■ Protocol labs ■ ICO Investment ■ Filecoin Foundation

Distribution Period 6 Months: From the official launch of the Filecoin mainnet, Filecoin will be cyclic distributed with a mining progress within 6 months and will be completed in the 6th month.

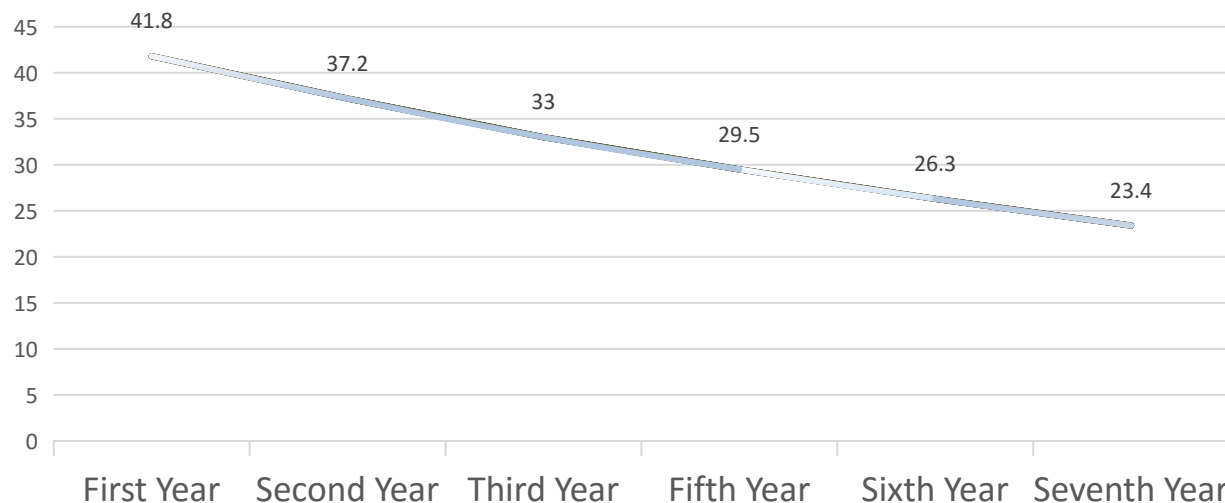
Distribution period 1 year: Since the official launch of the Filecoin mainnet, Filecoin is distributed cyclically with a mining progress of 1 month and so on until completion.

- 70% to Filecoin Miner: Half distributed in 6 years
- 10% for ICO Investment: Minimum 1 year distribution time (unofficial release), 6 months minimum distribution time (public release)
- 15% for Protocol labs: Distributed periodically in 6 years
- 5% to Filecoin Foundation: Distributed by a 6-year cycle

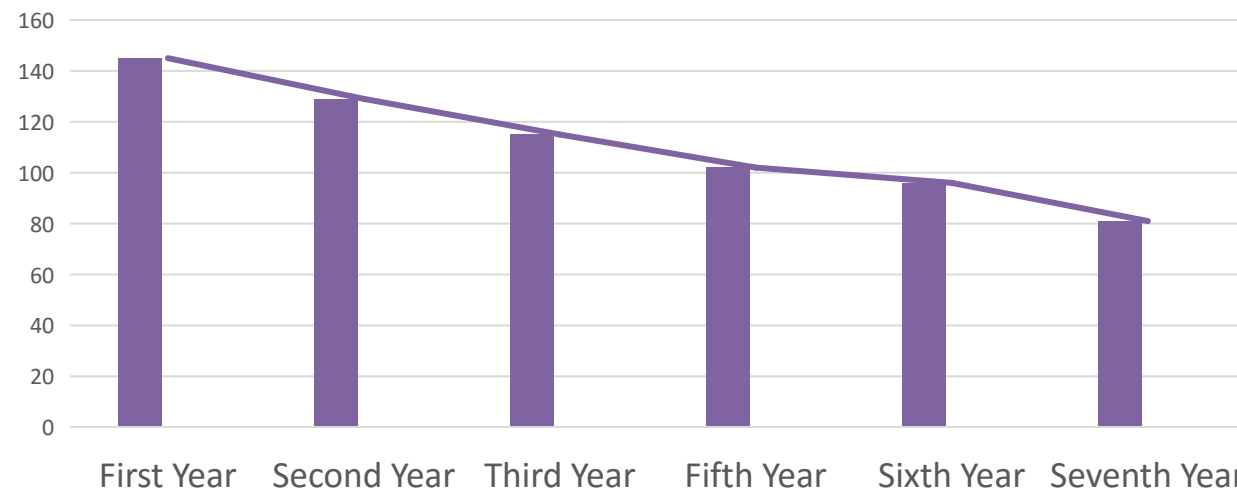


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Average daily Filecoin mining output (Unit Ten thousand)



Filecoin rewards per block on average

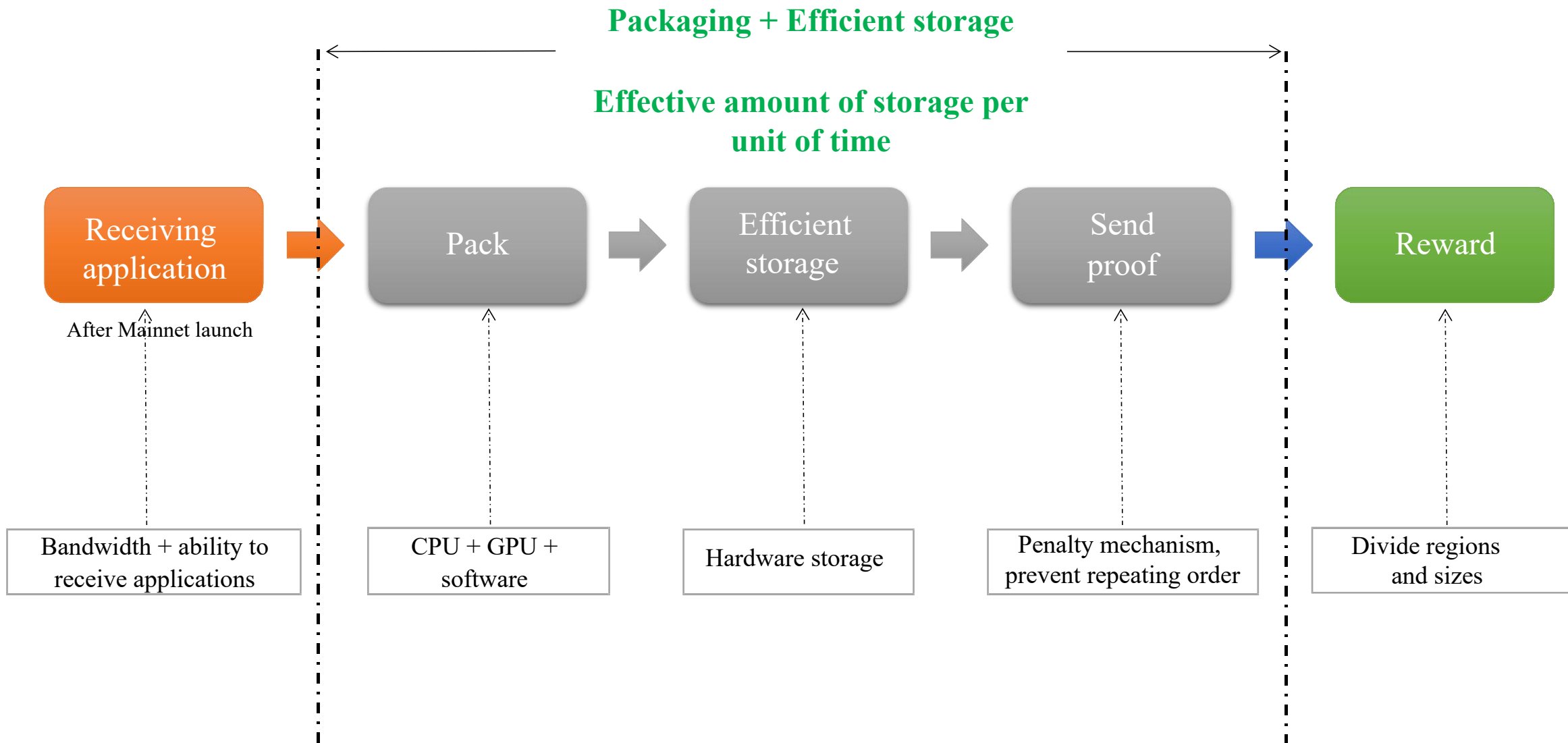


The background of the slide features a dark blue-green field filled with numerous out-of-focus green and white circular bokeh lights of varying sizes. A solid green border frames the entire slide.

02

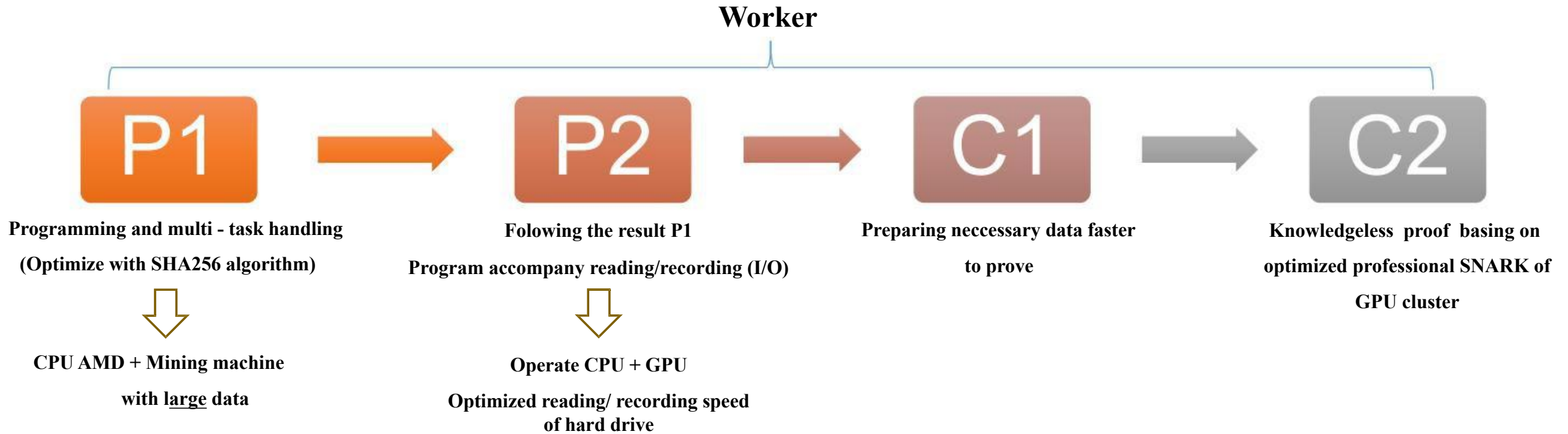
IPFS product solutions

[Filecoin mining logic]



[Technology solution]

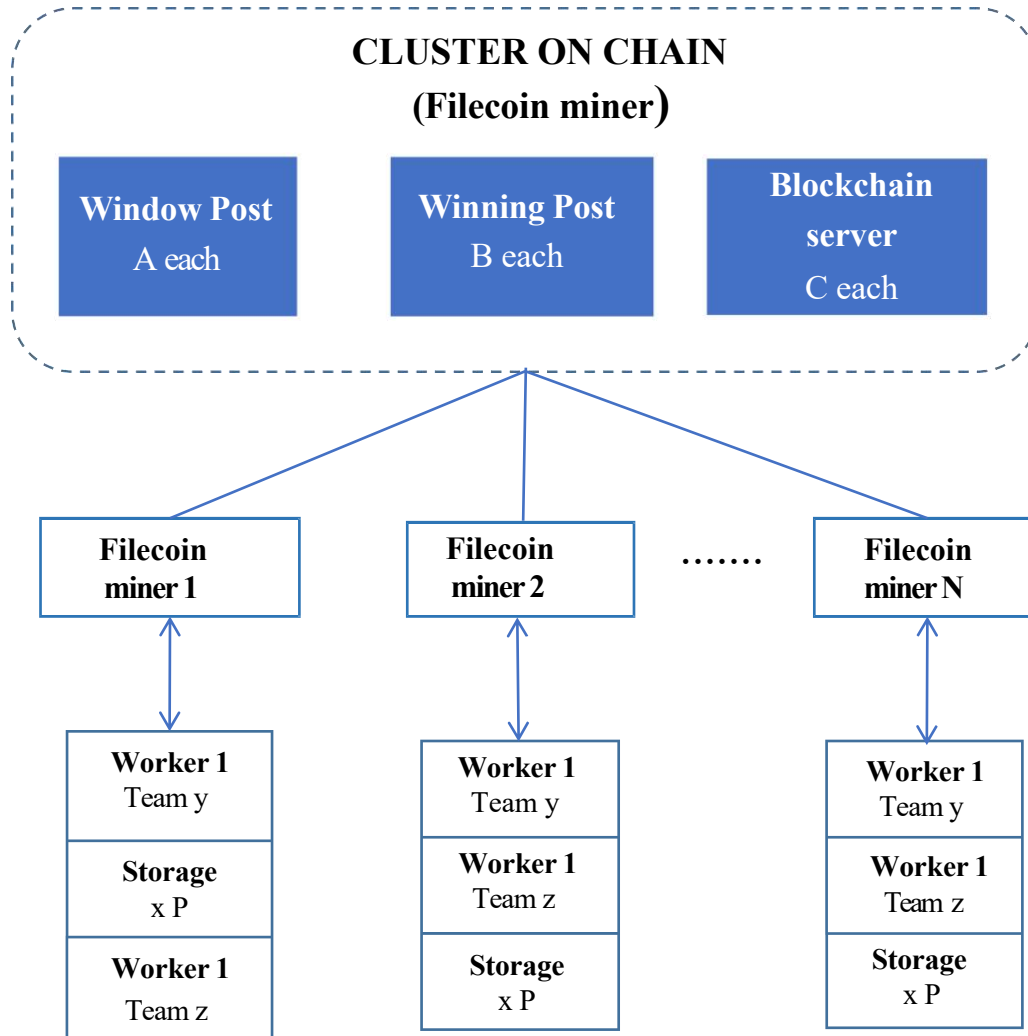
Worker (Handling process)



Miner (Mining process filecoin)

- ❑ Synchronize blocks, take orders, coordinate tasks, prove time and space (Proof-of-Spacetime);
- ❑ AMD/Intel CPU + GPU

[VGF product solutions]



❑ Filecoin miner + Worker + the storage is used by mining machine.

- ✓ Advantage: The only Filecoin digging machine is able to complete the whole workflow.
- ✓ Weakness: The rate of return is not predictable on per unit of time.

❑ The method of systematized mining, Filecoin and worker work in dependently.

- ✓ Advantage: large scale operation with low cost, suitable for during period experiment (Testnet) and after launching Mainnet
- ✓ Weakness: complex technical level, large initial quantity and large investment money in the first.

❑ High performance of computing technology + Filecoin mining machine

- ✓ Industrial high-performance computing platform offering efficiency
- ✓ High performance of computing industry is industrial cloud of Miner + Worker
- ✓ Filecoin miner is a Worker having storage capacity and ability to exploit independently



03

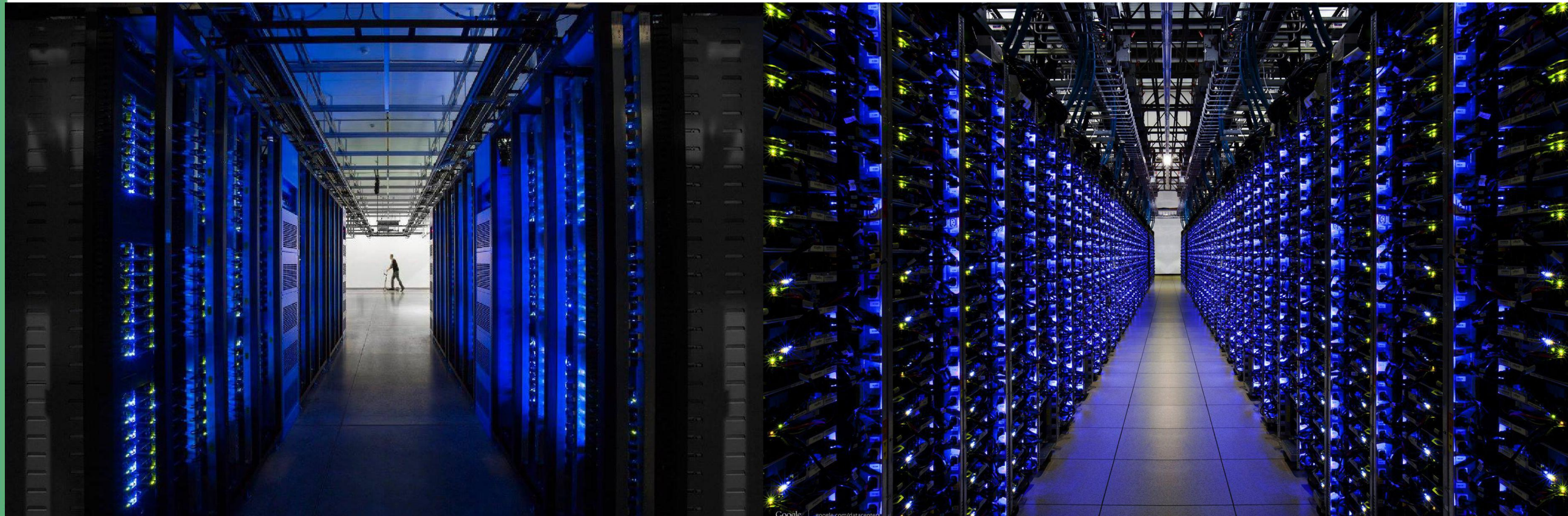
INTRODUCTION ABOUT HIGH PERFORMANCE COMPUTING IPFS

[Mining Filecoin VGF]

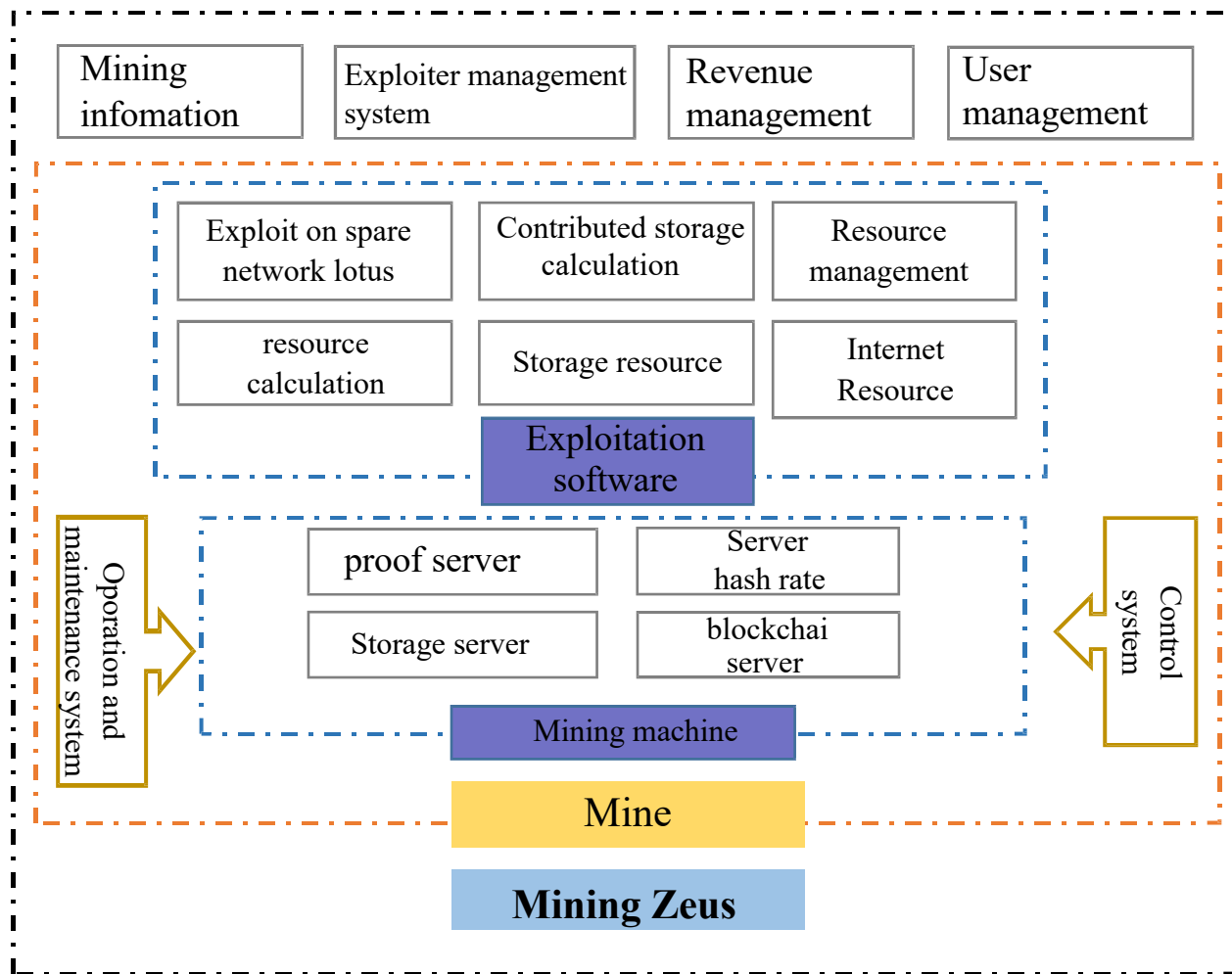


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VGF is a distributed cloud storage service provider and top system of the world about mining Filecoin solution, providing a mining Zeus integrated industry algorithm, optimized and open hardware, with 5 big properties: high performance, fast simultaneous processing speed, large extension, high level of confidence and absolute confidential.



[Mining Zeus]



◆ High efficiency

Depth of algorithm and code optimization has been performed Seal speed, proof of speed Proof-of-Spacetime and reading/recording of speed data at PB level. Open mining Zeus is top of industry about improving dispersion rate and block speed.

◆ Large scale concurrent process

The cluster solution is precessed with large scale simultaneously, get full advantage of hardware features, choose the time of data encapsulation of each space and the total data encapsulation throughput per unit of time is most reasonable for more efficient mining of Filecoin.

◆ High expasion

Great scalability, mature architecture can support dynamic connectivity of thousands of workers at any time and scalable to several PBs for storage capacity. The performance of cluster storage is not affected by scaling, it is also possible to share the same ID with other devices on other areas to build a truly distributed storage node.

◆ High reliability

Stable and reliable. In the premise of cost control, a complete solution is provided based on data reliability, cluster stability, failover and data recovery...

◆ High confidential

Pay more attention to network security like hardware firewalls, security management and control system software, chain security research, Secure operations management and maintenance..., to ensure both data and property are kept secure.

[Mining coin machine and high performance computing IPFS]



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High performance computing IPFS

Distributed revenue of high performance computing:

After the user purchases high-performance computing power, The system will automatically distribute the mined coins to users after deducting electricity and maintenance fees based on the percentage of mining energy purchased by the user in the Mine's total hash rate. The final settlement according to the monetary standard, Users face the issue of minimum withdrawals and transaction fees when making a withdrawal to the wallet.

The advantage of strong high performance computing:

- ✓ Low cost: Buying a mining machine usually requires huge costs, and high-performance computing only requires the user to purchase a portion of the miner's hash rate.
- ✓ No costs incurred: Self-mining typically requires a large investment in buying a miner and paying other offline fees. For highperformance computing services, users only need to pay for the hash rate once, electricity bills and daily maintenance fees are automatically deducted from your income.
- ✓ No need for self-operation and maintenance: All mining machines will be maintained by a professional team in high performance computing service providers.

[Mining coin machine and high performance computing IPFS]

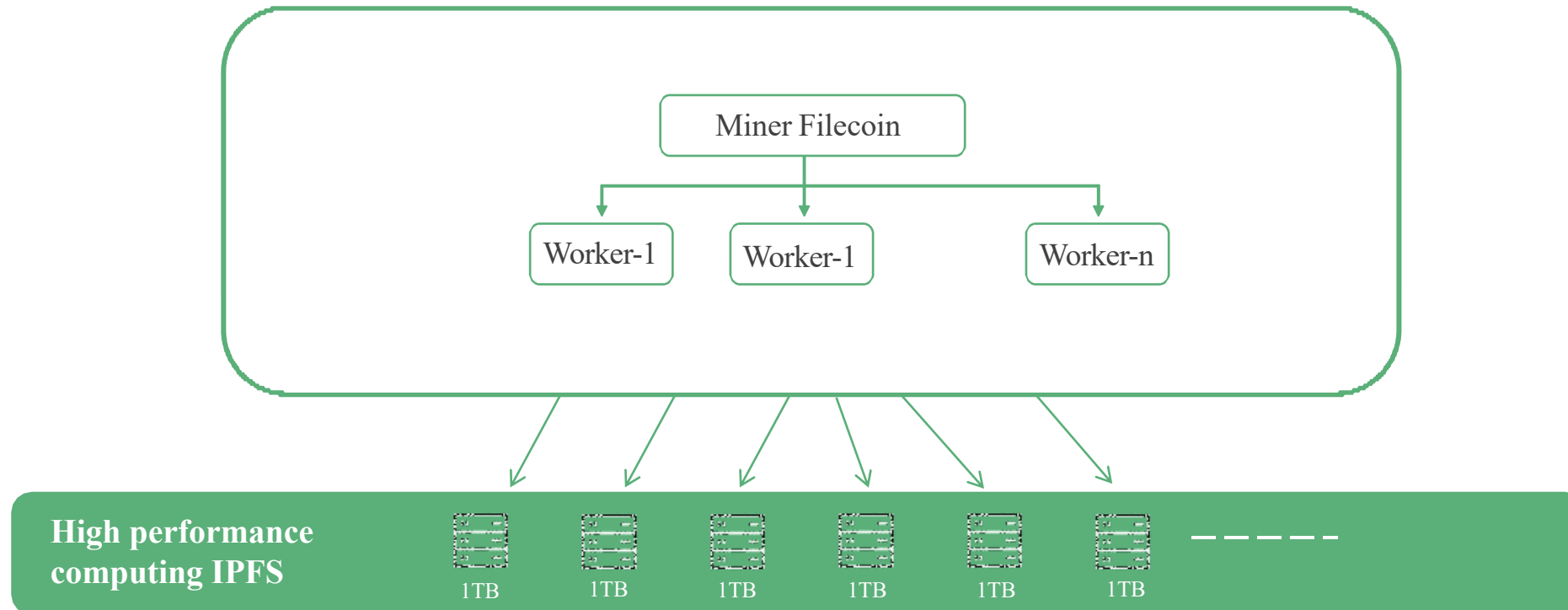
Mining methods have evolved from mining to system mining. Accordingly, many companies with modern and professional equipment have produced outstanding exploitation volume. Individuals who equip themselves with mining machines will find it difficult to find modern equipment with high machine costs and very high electricity costs for operating machines. So the payback period is long, the problem for investment returns is not high. For investors who cannot afford to invest in mining, the company provides a distributed rate rental service for miners. Users can sign distributed rate contracts and perform high-performance computing to mine respective coins.



Compared to buying mining coin machine, high performance computing is to divide a miner's total split rate into independent units. Users only need a fraction of the split to perform mining, so the investment is relatively lower. For users, these annoying steps like locating a miner machine can be eliminated, install a mining machine, extraction noise, operation and maintenance of mining machines etc. At the same time, users can pay less electricity and maintenance fees compared to mining at home.

IPFS high-performance computing significantly reduces the mining cost per miner, and the company providing that service can also book profits first and reduce risk.

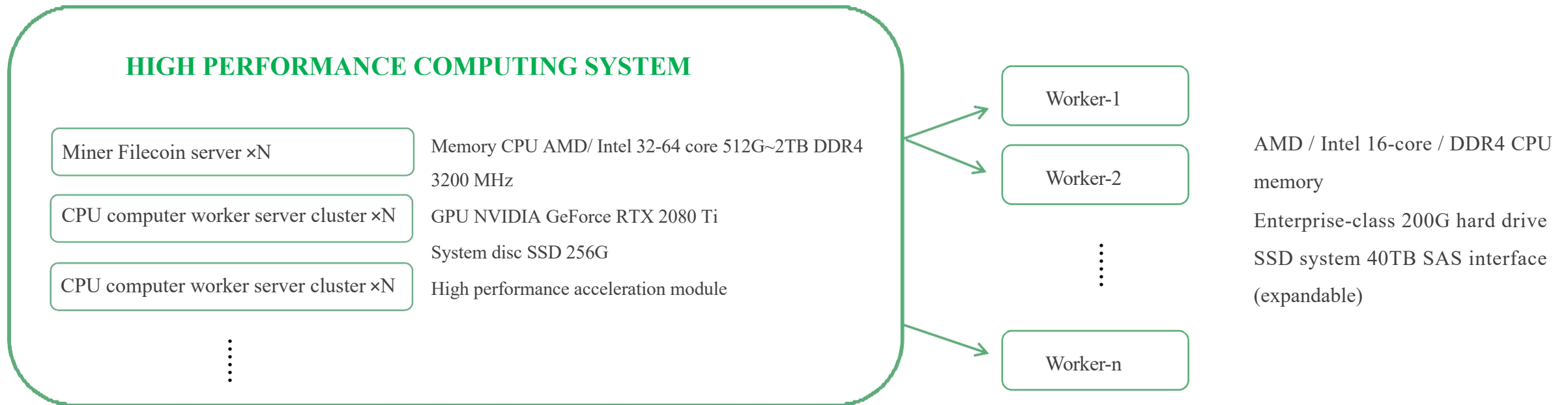
[Mining coin machine and high performance computing IPFS]



1TB/a part of high performance computing:

Enjoyed all services such as receipt, information on the chain, CPU operation, no proof of knowledge (Zero-knowledge proof), GPU v.v

[Mining coin machine and high performance computing IPFS]



Build a high performance computing system, mining is broken down into processes such as receipt, package, efficient storage and proof submission etc...In a different process, the various high-performance hardware devices are configured to take full advantage of the CPU's advantages, GPU, hard drive read and record speed and bandwidth etc. Maximize hardware usage and ensure Filecoin production per unit time.

Gather some of the world's leading technical experts to optimize algorithms such as data encapsulation, efficient data storage, send proof, hard read/record speed reaches several PB/s etc. so that high performance computing systems can be exploited with the best hardware and software.

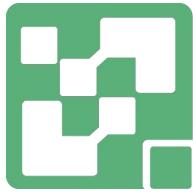


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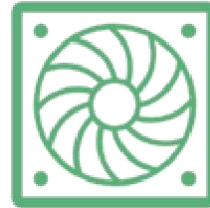
THE ADVANTAGES OF IPFS PROJECT AT VGF

[Mining Zeus VGF]

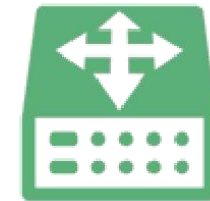
ZeusPool: 6 main advantages to guarantee Filecoin mining revenue



Software system VGF is the top of the world
Used in other mining service



Mining Zeus aggregates some of large number
mining Filecoin, major IDC miners and machine labs
around the world to reach a stable, long term
agreement of cooperation.



Professional operation and maintenance
management, optimize the network environment
and ensure stable operation of the computer
cluster.



Expert technical team, optimized mining
algorithm, high block performance, FIL output is
higher than the industry average



Years of experience in mining operations,
completed mechanism, safe and secure income



24/7 after-sales service, technical support and
remote service, 24 hour protection of customers' interests

[Professional IDC machine room operating environment]



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- ❑ Adopt dual high voltage power supply and UPS power supply (1 + 1), Backup power with extremely high capacity Diesel generator sets to ensure 24/7 continuous power supply
- ❑ Modular machine room, technology and products are relatively complete, low PUE value, High productivity
- ❑ Advanced water-cool centralized air conditioning system precisely controls the temperature and humidity of each space. New ventilation system provides fresh air at high pressure to provide the best operating conditions for customer's network equipment system.
- ❑ IDC machine room is directly connected to backbone network.
- ❑ Ensuring SLA high quality service, maximum protection of customers' interests.
- ❑ Professional operation and maintenance team, including engineer network, engineer system, engineer hardware, etc...
- ❑ Optimizing the network structure through timely network quality testing and network analysis
- ❑ Comes with professional firewall services to defend against network attacks, check regularly and fix vulnerabilities

Why choose us?



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Global systemized mining construction.

- ❑ Deploying development of large mining facilities in the United States, Australia, UK, German and Russia, etc., receiving orders around the world, providing efficient data storage for Filecoin mining
- ❑ Building a system of high performance computing, Mining is broken down into processes such as receipt, package, efficient storage and proof submission etc... According to different process, various high-performance hardware devices configured to take full advantage of the CPU's advantages, GPU, hard drive read and write speed and bandwidth etc... Maximize hardware usage and ensure Filecoin production per unit time.

Optimization algorithm

- ❑ Efficient storage and packaging algorithm: Optimize data encapsulation algorithm and send non-knowledge proof (Proof of duplication, Proof-of-Spacetime) to quickly form efficient storage algorithm.
- ❑ Hard read/record speed algorithm reaches several PB/s: Optimize the read and write protocol of the hard drive to reach several PB/s, so that hard drives read/recod data quickly in a unit of time.



05

REVENUE ANALYSIS
IPFS AND FIL PROJECT

Fist filecoin mining value



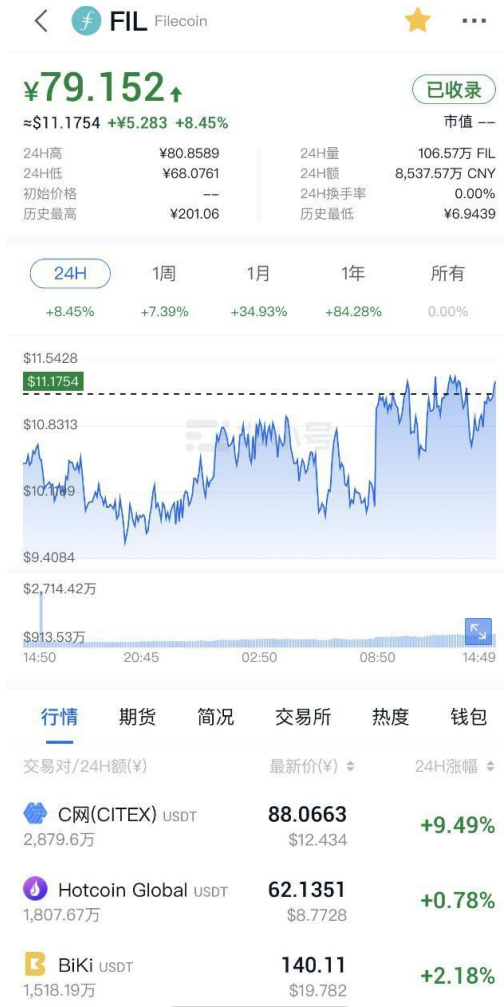
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Analyze the currently situation:

- Filecoin is recognized by many exchanges. Coinbase, Gemini and BWF exchanges will trade Filecoin, and some small exchanges also started implementing FIL futures
- With the advent of the era of artificial intelligence, Data centers are the core element of the new infrastructure. The explosion of data centers will bring about rapid growth in demand for data storage and distribution, IPFS network is the current optimal solution for storing and distributing data. Filecoin is the only officially encrypted asset supported by the IPFS protocol, it has an extremely high investment value. In the future, as long as there is a need to store and distribute data, there will be transactions related to Filecoin

Fist filecoin mining value

- Because of Filecoin's deflationary mechanism, the income from the first extraction stage will be better than the next
- Filecoin's mortgage mechanism determines that FIL will be scarce in the first stage and the price will tend to increase
- The Expected Consensus (Expected Consensus) determines the number of nodes in the first stage will be less, high data storage capacity for miners, and the rate of filecoin mining per unit of time will be higher.
- According to Filecoin distribution rules, institutional investors FIL will distribute Filecoin periodically for 6-12 months and has no impact on Filecoin price
- The IPFS / Filecoin project has strict requirements for institutional screening, but still is interested by many investors and institutional investors. After the Mainnet went into operation, a large amount of money will definitely be invested in this project.



Estimated price and value of Fil after official launch



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Refer to many of the below authority organizations for Fil's review (IPFS token) after official launch:

Feixiaohao floor, WBF / BiKi / Newton floor etc, Tianyancha China, news site named Jinri Toutiao, jinse.com, IBM company

Competent organization	Evaluation data
Based on FIL futures prices on 56 exchanges around the world (Feixiaohao floor can look up these 56 exchanges)	Fil futures contracts: market price is \$ 15.6, highest price in history is \$ 82.69 (361,452 ~ 1,915,927VND)
According to the ICO investment cost in 2017 (8 major investment institutions) (Refer to Tianyancha and information from relevant authority)	(1) Fill unofficial issuance on July 10th, 2017, mobilized 52 million USD, price 0.75 USD / Fil (2) Fill issued to the public on August 10, 2017, raised \$ 205 million, priced at \$ 1 ~ \$ 5 / Fil. (3) According to the average P / E Ratio of NASDAQ Internet companies in the US is 41.8 times (average price $1.25 \times 41.8 = \$ 52.25$)
Check out the global popular digital currencies (Exchange Feixiaohao can look up the evolution of popular digital currencies)	Prices of popular digital currencies such as BTC (Bitcoin), ETH (Ethereum), EOS, LTC (Litecoin), NEO (Formerly Antshares), coin QTUM (Quantum Chain), XRP (Ripple), DOGE (Dogecoin)) has increased at least 1000 times
Refer IDC storage market globally (Jinri Toutiao)	1) According to the IDC global storage market in 2018 was 400 billion USD, Fil's production in the first year was 152 million. Calculated as 3% of storage, $4000 \times 3\% = \$ 12$ billion, $\$ 12$ billion + $\$ 152$ million / outright circulation = $\$ 78.9$ / item (about $\$ 1,833,826$ / item) 2) Due to the new economic model, FIL collateral and miners not willing to sell Fil, the estimated number of collateral + holdings is 80%, 20% is Filecoin in circulation, so 152 million pieces $\times 20\% = 30.4$ million pieces (Circulating in the first year), 12 billion $\div 30.4$ million = 394 USD / item (about 9,169,132 VND / item) The above price does not include newly added global data storage capacity and other IPFS ecosystem scenarios
According to the search results of global popularity by many means Main traditions like Jinse Caijing (jinse.com) and well-known global investment organizations have joined the project	In the first year, it is estimated that the price of Filecoin will increase from 25 to 110 times (the unofficial issue price of the final round is 5 USD / Fil, so it will be 125 USD ~ 550 USD per Filecoin after increasing 25 to 110 times)
Computer company IBM forecasts	1).Calculated based on the amount of storage of Alibaba Cloud of more than 20 billion / year for 3 years from 2017 to 2019. Even the price of Fil did not increase after the official launch of the mainnet, and according to the amount of Alibaba storage mentioned above, price Fil was \$ 352 / item, even though the amount of storage was only 30% of Alibaba, Fil's price was close to \$ 145 / item.2).With the influence of factors like venture capital firms intentionally manipulating the market, the pivots of millions of coin players trade in the secondary market, 80% of other miners accumulate Filecoin, and Traditional enterprise data storage etc. and the advent of 5G, the price of Filecoin could exceed \$ 10,000 / piece in 6 years.
Market cost	Amazon's market value is \$ 974.6 billion. If Amazon's cloud server were to split up and there would be at least \$ 300 billion, equivalent to 2 trillion yuan. Assuming the market value of IPFS is equivalent to that of Amazon cloud services market, and Filecoin's total issue is 2 billion, So each Fil is 145USD (1000 RMB)
China's high grade strategy for blockchain	Distributed storage integrated into the new infrastructure, where there is a large space to grow
The releasing and development of BTC and ETH	The circulation of BTC and ETH is only used on the dark web and Fil is the only token applied on plays actual version



THANK YOU FOR WATCHING