

SIGWAY HIGGS GROUP LIMITED
VERITAS IN LIBERTAS

The Decenternet Initiative

Fast, Secured & Neutral Decentralized Internet
Unbound by Politics and Oppression

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Translated by the South Korean d-net community

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A WORD from the Author

Please note that this publication is versatile and flexible in nature. We know by heart that technologies do not stay stagnant. This is why white papers can only be fruitful when they can adapt to the natural speed of evolution of mental and physical technology. The contents herein may update and evolve over time, as the ability to evolve is omnipresent in its foundation. Regardless of the circumstances, I would like to express my deepest appreciation in advance for the insights that will be given to us as feedback in the future by benevolent scientists and engineers who will devote their souls to the Decenternet universe epoch and the idea of liberty it represents. We congratulate you on taking the first step toward contributing to the Decenternet open source quest for planetary greatness. Realize that the acquisition and absorption of the knowledge contained here is already a big contribution to the Decenternet collective quest to raise ourselves to the title of advanced civilization. Perhaps you may find out that the relative time required for planetary change is shorter than the average lifespan of a person. Notice how the statement “too ahead of its time” means nothing anymore in this day and age. VERITAS IN LIBERTAS

Sean Kim

Founder of Decenternet

1. Introduction

We live in a world where the organizations that control the data on the Internet control what people see, hear, and feel. The Internet seems to affect every aspect of our lives, yet nobody seems to ask the most fundamental question of all: who controls the Internet? Monopolistic powerful intermediaries physically own most of the data you see on your screen. They have amassed massive wealth worth over \$USD 3 trillion as of 2017¹, taking advantage of the content you create. How much of that money it's in your pockets? What about the fact that they also have gradually designed their browsers and operating systems to surveil you. Realize that they have every single piece of information about you, that perhaps you didn't even know existed. This puts the individual at risk at all times while centralizing wealth and power to the very few. This is why we must reclaim our liberty by decentralizing the Internet.

Decenternet is the most powerful complete hyper-speed P2P distributed Internet infrastructure solution platform that Blockchain technology can create. It doesn't belong or report to any third-party organization except to its users. Its innovative browser technology allows you to experience a much faster, more secure and more private decentralized Internet along with the traditional websites you are used to. Data on the Decenternet can be searched and retrieved by the Decenternet Liberty search engine. Liberty does not have an intermediary company to report profits to. You can imagine the information on the Liberty search engine will eventually be more powerful because it is not suppressed by a third party.

In addition, the Decenternet deeply solidifies its mission for true decentralization of the Internet by guaranteeing security and performance of all nodes running hosted decentralized apps. One may soon realize that today's dApp (decentralized applications) operating environment is not realistically scalable due to deterioration of speed and performance as the platform scales². Notice how this is a key factor in eliminating the middleman who controls the environment of the Internet and the quality of data. It's no surprise that the same extends naturally to businesses and politics as this technological setting does not support true freedom of speech let alone limitless self-expression. It is only optimized to provide the perfect illusion of freedom while

¹ "Tech's top five now worth more than \$3 trillion" in CNN:

<http://money.cnn.com/2017/10/31/investing/apple-google-alphabet-microsoft-amazon-facebook-tech/index.html>

² We need a reference to support this statement.

keeping true human potential as far away as possible from the eyes of the mainstream awareness.

As you continue to understand the Decenternet architecture you may realize that our vision can be disruptive and uniquely powerful because it leads change by laying the foundation for future generation libertarian Internet technology ³. The Decenternet is the only solution that features the unique Proof of Reliability mining protocol that creates a hyperspeed web browsing experience along with virtualized SD-WAN (Software Defined Wide Area Network) which ensures optimum Bandwidth and quality traffic routing so that users can enjoy seamless access to a world class dApp experience, solving the issue of poor performance and speed once and for all. It ensures mass adoption of smart routing and access between users and hosted nodes running Decentralized Apps. One may soon or already have realized that without these components, decentralized apps will hit a performance ceiling which will bring scalability issues sooner or later. The Decenternet uniquely leads the vision of limitless potential by using SD-WAN powered decentralized App environment Unified for scale and performance for all. In this way we can naturally provide a validated and secure decentralized application store that runs all transparent decentralized applications desired by humanity. The creation and management of those applications won't be centralized and it will serve as an open field for innovation, applying the spirit of Open Source model of production. The Decenternet ensures that the people become the true owner of data and only allow hosting of applications that fulfill this criterion. The Decenternet naturally brings SD-WAN to the public Internet which used to be only accessible to enterprises. This is why the Decenternet Vision disrupts how dApps are done.

All economic activity on the Decenternet is conducted in the libertarian currency Spyce, obtainable through domestic mining. Spyce is an appreciating currency that is interchangeable with most major cryptocurrencies, such as Bitcoin, Ethereum, and EOS, neutralizing the need for pointless competition among major cryptocurrencies. This naturally allows the invaluable technology each of them represent to coexist in harmony within the decentralized Decenternet exchange. Spyce is the essence of all trade and commerce on the Decenternet. Spyce can be used to purchase hosting services, apps, or goods, or process micropayments with ease. This creates a free-market crypto economy where renting out hard-drive space and computational resources such as RAM, CPU, and bandwidth to support the Decenternet can be lucrative. In other words: Spyce is a low-cost currency available to everyone, since it's mining process is

³ Wikipedia, "Libertarianism", <https://en.wikipedia.org/wiki/Libertarianism>.

designed to be achieved with regular, cheap and accessible computer technologies. That implies that there is no discrimination among economic status of the miners. There will always be a limited amount of Spyce in circulation. Notice how the Spyce economy is self-sustaining, productive in nature, and free from inflation and demurrage which depreciates the value of labor as opposed to the traditional fiat currency economy, which is inflationary and exhausting in nature.

Do you want to completely free yourself from enforced surveillance and have total control of your computing assets? Realize you can maximize your Spyce mining potential and experience with the Decenternet's raw speed and security through the Anuvys OS. Anuvys is the native default Decenternet perating System, which will be available free of charge and completely Open Source software. It is what the Internet and computing experience was supposed to be. Just like any other Decenternet core asset, its development and evolution are self-funded by a percentage of Spyce mining operations across the globe. Anuvys holds nothing back from you. It enables full control over your resources to maximize your user experience and mining profitability. Anuvys is a GNU/Linux based OS that is equipped with an intuitive user-friendly UI, bundled with a full range of powerful such as Steam and LibreOffice. Unlike traditional OS such as Windows or MacOS, the Anuvys OS is not bloated with constant mandatory secret junkware updates and surveillance protocols that reset your computer and load junk at start-up. Anuvys OS allows us to redefine the Internet infrastructure, users to take back control over their computing resources and take back our freedom once and for all. Remember that there's no need to blame, riot, or go to war with anyone to reclaim our liberty any more. Let us simply build a new future with Decenternet. In this way always realize that unlimited potential await us sooner than you imagine.

Imagine a global economic environment where prosperity can be easily achieved through technology. The future of the Internet will be driven by users themselves, the true patrons of Democracy. We believe that the proliferation of libertarian technological infrastructure that is inclusive to all, accessible, secure, decentralized, faster, and reliable, will give rise to libertarian societies that aim for abundance, and equality. We believe that the proliferation of libertarian technological infrastructure is far faster and more reliable than having to wait for the right political philosophy to appear. What if I told you that you could be compensated much more than you are now for ALL activities you are engaged from the selfies that you take to the complex programming algorithms you create. Would you still be where you are? How differently

would you feel? How would your life change? Would people still be doing what they are doing now or would they naturally seek to discover the powerful geniuses hidden inside of each one of them? How different would life be and feel like? Notice how fair compensation should not be something people should fight for but a basic standard requirement for all creative activity on the planet. This simple yet powerful philosophy sustains the Decenternet Initiative.

2. The Decenternet Approach

The Decenternet Initiative plans to pacify the root cause of suffering on this planet without spreading blame, victimization, and separation. Certain individuals may realize that the Decenternet vision may be an eventual standard technology. This is why the implications of this paper go beyond the boundaries of Blockchain technology and Internet infrastructure. We all have the power to implement this now, thanks to Satoshi Nakamoto's mental framework, which seeded the initial energy vibration.

As one continues to read, one can soon notice carefully how the Decenternet infrastructure shatters the boundaries of confinement that blocks us from experiencing the magnificent beings present in each one of us. This publication is an elaborate blueprint to a new version of physical reality which we already have the power to reach and experience at an accelerated rate of manifestation. You will notice that your collective participation is the strongest catalyst for breaking free from the chains of limitation that fear true human progress. For humanity to earn the title of an advanced civilization, we must naturally allow the implementation of the Decenternet solution for tackling the following challenges:

- The proliferation of a decentralized Internet infrastructure that gives access to limitless sources of information for the public good backed by a performance driven dApp architecture.
- Neutralizing the back attempts to limit our basic rights and freedom by protecting free speech and net neutrality through the use of libertarian technology, instead of fear, violence, blame and separation.
- Replacement of the current monopolized internet Infrastructure by establishing a hyper-speed non-cosmetic physical decentralization of storage and retrieval of data. The

new infrastructure should not belong or owe anything to any particular government, company, organization, or individual except the collective consciousness of the people.

- Establishment of a non-inflationary transparent crypto economy with a solid foundation based on a currency with an appreciating intrinsic value; backed by the most valuable resource on the planet (more details in [Section “What is the Most Valuable Resource on the Planet?”](#)), and not regulated by a centralized third-party cartel which can just print money out of thin air.
- Gradual redistribution of the ever-growing estimated minimum of \$3 trillion US capitalized by the internet data market withheld by the ISP cartels and content delivery intermediaries to its rightful owners: the people.⁴
- Decentralization of the current centralized mining activity and political power in the crypto-economy.
- Liberation of suppressed technology withheld by the middleman (can be naturally achieved as a by-product).
- Liberation of mankind (can be naturally achieved as a by-product).

You may soon realize that, with the introduction of the Decenternet into our internet habitat, we can simply opt out of the experience of confinement and limitation because the centralized internet may not be the only internet any longer. The Decenternet is a new free web application protocol that practically allows the gradual mass adoption of a distributed internet infrastructure through domestic mining highly incentivized by the production Spyce (currency for all trade and economic activity on the Decenternet payment network). This is naturally achieved by the implementation of the following main practical components of the Decenternet ecosystem:

- The Osiris Browser: The fastest and most secure Decenternet native Browser that allows people to experience the Decenternet. It gives you access to both traditional websites and Decenternet websites. In addition, dApps on the Osiris can enjoy the best performance with the proliferation of enterprise grade intelligent routing supported by SD-WAN architecture. Osiris does not discriminate data sources or collect and send data about you to anyone. The Osiris is faster than any other data decentralization solution proposed until now thanks to the proprietary Proof-of-Reliability protocol. The Osiris is

⁴ *Market Capitalization of the Largest US Internet Companies as of August 2017 (in billion US dollars)*, accessed 1/16/2018, <https://www.statista.com/statistics/209331/largest-us-internet-companies-by-market-cap/>.

free because it is sustained by the libertarian Spyce mining activity. Osiris jailbreaks the internet as you know it.

- The Anuvys OS: A Linux-based Decenternet native OS, which is designed to protect your freedom and privacy as well as improve the production rate of spyce. Unlike traditional OSs, Anuvys is not bloated with surveillance protocols that report every simple activity to a 3rd party. Also, the Anuvys experience is free because it is sustained by the libertarian Spyce mining activity.
- The Decenternet native Liberty Search engine, which is designed to simply fetch the web content requested from the Decenternet without any political or economic third-party distortion or influence. No information is withheld here. Search engines define how people interpret the world. Liberty is self-sustaining and confidently free because it is not a “product.” It is a public domain utility like search engines were originally supposed to be. Again, the Liberty experience is free because it is also sustained by the libertarian spyce mining activity.

Notice how you have reached a point where this could become a reality not far from now. Imagine the possibilities that the realm of infinite potential has in store for you. Do you realize that if this technology becomes an eventuality, it may be unlike any reality you’ve ever experienced? As you absorb the contents of this paper, one might slowly and yet naturally understand that the Decenternet vision has a unique approach to the challenges mentioned above. To solve the challenges we face today, it is useful to remember that we must be operating in a different mental frequency from the state of mind that created the problems. In a sense, we are not solving anything. We are simply creating a new version of reality where the problems do not originally exist. Whether one possesses the insight to realize this by heart can be the decisive factor in the decision-making process of choosing different possibilities for future events. Remember that these events are experientially or physically different. Before we explore the architecture, definition, and implications behind the Decenternet vision, you can see how important it is that you stay within the same mental framework from which this project was originally created. You may find yourself understanding that a bit of patience is required to fully draw your conclusions as to what value the Decenternet future has in store for you whether you are an eventual developer, user, contributor, donor, or consumer.

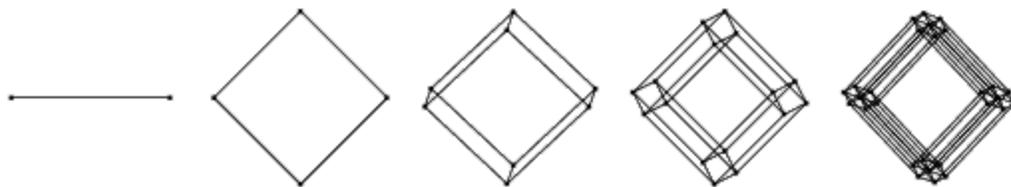


In order to accelerate your deep learning experience of the true nature of the Decenternet, let us remind ourselves of an important realization that many always find fascinating. Earthian scientists already know that the nature of reality or spacetime is multidimensional. That which you call “realistic” is exclusively decided by the type of reasoning you choose to install in your personality. Realize your personality is an entirely artificial construct formulated by your thoughts, emotions, and beliefs inseminated through often but not limited to the corporate media and the centralized internet which creates culture and values among family groups. Contrary to what most people are forced to inseminate in their minds (through most traditional totalitarian educational camps of indoctrination), the very fact that you are choosing to believe this concept decides what experience you will have regarding blockchain technology, the decenternet, and its social implications. This simple realization can be a big step towards obtaining immunity from outside influence and finding the true powerful you. Remember that you have decided from your mind to be reading this portion of this white paper at this very moment in time right from your very mind. That mental decision made in your mind will change the outcome of how you experience the Decenternet in your physical reality. Some choose to believe that their minds cannot possibly affect the physical reality they experience, and that is exactly what they experience in the past, present, and future. This is why you seem to be powerless. In reality, you are so powerful that whatever you think about slowly becomes a reality. We really want you to expand your perceptions to allow the Decenternet vision to come to fruition.



What if I told you that all physical reality is formed out of non-physical mathematical information? Your essence is in a sense a very complex unique mathematical invention of your mind. Just like most mathematical equations, a simple single change of a numerical or conceptual value in an equation can create a ripple that creates total change in the outcome which eventually affects the whole. That is how powerful your mind is. The deciding factor that contributes to what type of environment one lives in is in the mind of the experienter. If we are to make the Decenternet vision a reality, we must create change in the core engine of creation: your mind.

The creation of the Decenternet is truly a monumental achievement and an expression of the innate human collective spirit in search of unlimited freedom and growth. When you have built enough courage to be bold and allow yourself to open your mind, this publication may point humanity to a direction beyond blockchain technology. The Decenternet will lead humanity to an era of explosive, disruptive solutions for most of the challenges you face today in an overwhelming way for any centralized power to interfere. Not having completed even a single rotational cycle around the center of your galaxy, you are an infant civilization. Despite this, you are exceptionally smart and confident enough to discover the truth. If you possess the eyes to see and the ears to listen, you may notice that the technology brought to you on this paper is nothing but an attracted materialization of what your mind desired most strongly. It is you who synthesize it all. Notice how the Decenternet reflects what you believe in most strongly here and now in your mind as well as the collective one. We are all connected in that way. Your mental calculations (non-physical energy) affect the result of the environment you create (physical energy). In this way, a little 1 percent directional change in your thoughts has the exclusive power to change your physical reality completely. Quantum physicists are beginning to see successfully that physical reality is more like a hypercube.



The hypercube is a generalization of a three-cube to n dimensions, also called an n -cube or measure polytope. It is a regular polytope with mutually perpendicular sides, and is therefore

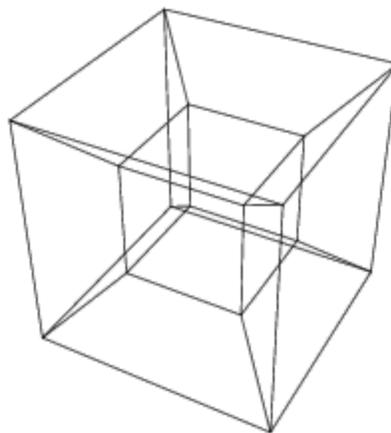
an orthotope. It is denoted γ_n and has Schläfli symbol $\left\{ 4, \frac{3, 3}{n-2} \right\}$.

The following table summarizes the names of n -dimensional hypercubes.

n	object
1	line segment
2	square
3	cube
4	tesseract

The number of k -cubes contained in an n -cube can be found from the coefficients of $(2k+1)^n$, namely $\binom{n}{k} 2^{n-k}$, where $\binom{n}{k}$ is a binomial coefficient. The number of nodes in the n -hypercube is therefore 2^n (OEIS A000079), the number of edges is $2^{n-1} n$ (OEIS A001787), the number of squares is $2^{n-3} n(n-1)$ (OEIS A001788), the number of cubes is $2^{n-4} n(n-1)(n-2)/3$ (OEIS A001789), etc.

The numbers of distinct nets for the n -hypercube for $n=1, 2, \dots$ are 1, 11, 261, \dots (OEIS A091159).⁵



The above figure shows a projection of the tesseract in a three dimensional space. A tesseract has sixteen polytope vertices, thirty-two polytope edges, twenty-four squares, and eight cubes. The dual of the tesseract is known as the 16-cell. For all dimensions, the dual of the hypercube is the cross polytope (and vice versa).

An isometric projection of the 5-hypercube appears together with the great rhombic triacontahedron on the cover of Coxeter's well-known book on polytopes.⁶

Wilker⁷ considers the point in an n -cube that maximizes the products of distances to its vertices.⁸ The following table summarizes results for small n .

n	$\prod d_i^2$	maximal point
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⁵ P. D. Turney, "Unfolding the Tesseract." *J. Recr. Math.* 17, No. 1, 1-16, 1984-85.

⁶ H. S. M. Coxeter, *Regular Polytopes*, 3rd ed. New York: Dover, p. 123, 1973.

⁷ J. B. Wilker, "An Extremum Problem for Hypercubes," *J. Geom.* 55, 174-181, 1996.

⁸ M. Trott, *The Mathematica GuideBook for Programming*, New York: Springer-Verlag, 2004, <http://www.mathematicaguidebooks.org/>.

2	$\frac{25}{256}$	$(0, \frac{1}{2})$
3	$\frac{50\ 625}{65\ 536}$	$(0, 0, \frac{1}{2})$
4	$\frac{1\ 403\ 336\ 390\ 625}{4\ 294\ 967\ 296}$	$(0, 0, 0, \frac{1}{2})$

In a traditional three-dimensional cube, only one room can be entered regardless of which side you choose to enter the cube from. Contrary to the traditional three-dimensional cube, the hypercube has 8-cubic “rooms” existing at the same place and time. The acquisition of a more hyper-dimensional perspective approach to the nature of reality can be the deciding factor of what place and time you will end up in. Whether the cellular structure of your eyes have the capacity to perceive it or not, reality is multi-dimensional in nature. Whatever is it that you desire from the Decenternet vision, realize it already exists. However, the “perspective” you have toward a situation or subject changes the outcome or how the Decenternet will shape itself over the years. The perspective is decided by the definitions you give in your mind. In other words, the decisions you make in your mind shape the color, size, and overall experience of reality. This is not an opinion, philosophy, or theory. This is simply the description of the template you call physical reality. Mathematical fractality is present in the nature of everything you see,hear and feel. Allow yourself to fully wrap your mind around this concept and you will be able to use the Decenternet libertarian technology to affect physical reality on this planet to your advantage.



Even though this is an oversimplification of the engine that produces reality, you can still realize that everything that possibly can be experienced is already here and now. It is the human linear biological method of interpreting space and time that selectively alienates which “room” you choose to experience, leaving the other possible reality “rooms” hidden or invisible. In other words, the key deciding factors of what type of world you live in is inside your mind. That is where the fractal nature of reality stems from. Mentality is what creates physical solutions. This is why the unified field theory cannot be fully formulated in your laboratories until thought, beliefs, and emotions begin to be included in your scientific equations. One may say, what does

this have to do with my challenges in my life, blockchain technology, the amount of money I have in my wallet, and the happiness of my loved ones? And the obvious answer is, everything. The Decenternet vision came to your civilization because you have mentally and physically reached a point in your history where you have finally decided to stop participating in the negative vibrational energy you have perpetuated for so long. Despite all the odds, Earth is a master class of brave and bold souls who are graduating into a new world of freedom and mind-shattering possibilities. As you continue to read this white paper, you may realize that the manifestation of this paper will decide how soon you will get to experience that world which you say you want to live in. The more you explore the contents described in his publication, the deeper you will understand the social implications of this technology.



The founder of Decenternet is nothing more than an intermediary channeler that is lending out his mind and body for the purpose of planetary liberation. That is why the Decenternet does not belong to a single person, company, or organization. As you continue to read, you will realize that in the core architecture of the Decenternet, there cannot be a central source of power and authority. We are all here for our own reasons, but if there was one vision we could all share, it is that we desire a better experience of life. As soon as we stop feeding the root cause of our problems with our mental energy, we can benefit from a new reality. The Decenternet vision is a direct product of a new type of logical reasoning that may revolutionize the human experience. Again, whether you have the capability to see it or not, it came from your mind's creation. Realize that the purpose of this white paper is not only to educate you on the technology behind Decenternet, but also to fully share the mental core engine behind the production of the Decenternet as a free resource that can be shared and used to enhance and accelerate your own experience of what you truly seek in your heart. This is essential because the Decenternet is yours and it is up to you to decide how to use it.



The Decenternet vision has a future potential reasoning approach to what traditional doubt-based reasoning methodologies would commonly refer to as “problems” or “challenges.” By exercising the free will of thought, we can choose our own definitions of circumstances. As

soon as this is understood by heart, we can draw potential realistic technology that can allow us to naturally accelerate the manifestation of the circumstances and events we consciously desire rather than the fear-based reality that we subconsciously supported in the past. This is a key vision worth sharing between one another to peacefully neutralize the socio-economic challenges we face together. With this systematic deep structure and acceptance by heart, we are not focusing on spending any more of our energy on reinforcing the problems we have created as a race. Instead, we are taking full responsibility by focusing on building a new future altogether. This is the core engine of *future potential reasoning*, that will work if understood by the heart and not the head. If the size of your consciousness allows, you will in time recognize that the heart pumps action into your reality, not your head. The heart doesn't require motivation or explanation while the head does. It simply moves. It simply acts. It simply realizes.

2.1 The Decenternet Vision

Allow yourself to realize that we are living in a space and time where we are given more control of what we think, believe, and feel. The Decenternet technology accelerates the intensification of this core human desire. Remember that the oppression and conflict the world has experienced in the past are nothing but symptoms of what we as a species have been believing most strongly. Realize that we have a much more sophisticated belief system now as the second most dominant species on this planet. You may notice naturally that the Decenternet vision you are here to witness could have tremendous social, economic, and multi-dimensional impact on our society. Take a moment to imagine the multidimensionality of space time. Remember that a scenario where oppression and war are much more common in your society already exists, not because of your political leaders, but because you have subconsciously fueled it by your fears. However, when the human mind understands the multi-dimensional nature of all space and time, it is not difficult to realize that a more pleasurable scenario where peace, freedom, and honest self-expression without limitations also already exists. This is the scenario that the Decenternet vision wants you to experience. In this particular scenario, health, prosperity, and stability are not a matter of choice, but a matter of course. Understand that the transitional phase you are going through is a stage of growth of your consciousness. Have you noticed how your election ballots have no real effect anymore? The decisions you make with your money become your actual votes on what type of fourth-dimensional reality you choose to "real"-ize as a species. When coexisting dimensions of time and space accelerate realization,

they sometimes tend to get entangled, creating what you commonly refer to as the *Mandela effect*. There already is a version of Earth where prosperity and stability has been established, regardless of what the manipulated media wants you to believe. We just need to vote with our minds first for this to realize.



2.2 How is the Decenternet Different?

When did you notice that the Decenternet was a pragmatic solution for the decentralization of the internet as we know it? Many cloud storage and dApp blockchain-based solutions fail to provide a solution for scalability and mass consumption. They only provide space for “storage” of data, and lack the infrastructure required for the retrieval, reorganization, and representation of data into a consumable website or scalable dApp format. In other words, they are only as good as a hard disk containing personal pictures and videos. They do offer a great plan yet, they do not offer a seamless smooth performance driven consumer grade solution. Other blockchain-based decentralization cloud storage solutions do provide a complete web browsing solution, yet they are all physically mined and stored in centralized data centers. In this model, everything is essentially still centralized. Power and wealth is a privilege of the few. Among all limitations, the limitation of speed is the most crippling one. On top of that, many decentralization solutions are great in theory but they are practical due to the fact that they slow down the speed of the internet dramatically. The more you realize this, the easier it is to see how these solutions cleverly render a convenient cosmetic solution but do not address the main issues we are here to neutralize. I do not wish to criticize. My intent is to educate. It’s a good thing to simply admit that there are problems to be solved. On the other hand, as soon as you look into the Decenternet solution, you may or may not begin to feel how different its core architecture is from the rest. Let us find out how it differentiates itself from its predecessor P2P decentralization solutions.

- Past attempts to decentralize the internet still relied on centralized storage enterprises. This creates a scenario where the mining incentives are all handed out to the companies who created the problem of centralization originally. All economic power and physical control over data remain in the hands of the middlemen. The Decenternet is unique

because it physically decentralizes the internet and at the same time increases its speed dramatically. All data on the Decenternet is stored in hundreds of millions of diversified computers that are approved by the POR (proof-of-reliability) protocol. The POR protocol allows the end user to experience a much faster, transparent, secure web experience. With the POR protocol, there's simply no need to hand over the control of the web to the third parties again. It allows people to own and control their own data.

- The Osiris browser allows you to navigate through Decenternet websites as well as any traditional website. Decenternet web applications can enjoy hyper-speed data rendering supported by the miners. Unlike traditional centralized web browsing, it is non-intrusive, secure, and respects your freedom and privacy. Many features that you had to pay for which were heavily monetized by the corporations in the past are free because they are supported by the highly incentivized spyce crypto mining activity.
- The Anuvys OS strikes the heart of the problem that threatens the security of our freedom. A person can understand that as long as we continue to use a traditional operating system like Windows, surveillance and breach of security will always remain the main issue. We do not need our computers to spy on us, because we are not thieves. Realize that the OS is at the center of all control operations over people. Violation of your privacy doesn't require your permission by double clicking an app or a browser. The OS is already it! It already knows the stuff you don't even know about yourself. Have you seen the latest iPhone and the direction it is heading? Not even Social Security numbers are required to target you any longer because they have implemented facial recognition technology. The Anuvys OS uses 0 percent of your computing resources to surveil you and spends 100 percent on improving the user experience. The Anuvys OS is not required to use the Decenternet. It is optional and supports multi-boot functionality by default. However, we are confident that people will opt in for a faster and more secure web experience. More on the Anuvys OS on page 72.
- spyce is the essence of all trade and commerce on the Decenternet. spyce is only produced through mining activity. It is the foundation of all trade and commerce on the Decenternet. It processes payments instantly for a fraction of the fees Bitcoin requires. It is interchangeable with major cryptocurrencies such as Bitcoin, Ethereum, and Dash. The deeper you delve into what Spyce really is, the more fascinated you will be regarding its social, cultural, and economic implications. To learn more about the true

nature of spyce and its meta-economic spyce dialectic value equation, move on to page 38.

- Unlike traditional crypto mining, spyce mining offers a valuable service to the global community. It sustains the Decenternet by processing the POR protocol required to support and validate data management. spyce is appreciative in nature, backed by the most valuable resource on the planet (more on page 22) as opposed to inflationary fiat counterparts with their mandatorily enforced bailouts, quantitative easing, and quantitative failure fiscal policies. spyce is interchangeable with any major cryptocurrency.
- Spyce production requires only a fraction of the amount of energy required in traditional crypto mining. This is why it is so environmentally friendly. It does not require anyone to purchase expensive ASIC (application-specific integrated circuit) chips. The reward ratio is not determined by how expensive your equipment is. It is determined by how reliable the node is. It doesn't rely on the amount of hashrate fluctuation. This is why mining can never be centralized. Mining on the Decenternet cannot be monopolized, because it is approachable by anyone as long as their internet environment is approved by the POR protocol. In the beginning, countries with fast internet, such as South Korea, can be very advantageous for spyce production. There are over thirty-five countries which can be approved for profitability by the PoR protocol at this moment and growing every year. Please refer to page 69 for more details.
- Today, the Bitcoin ecosystem is held hostage to standards set by Jihan Wu and his company, Bitmain. The first generation of blockchain solutions relied heavily on computing power to process hash functions in order to process blocks. As we all have experienced, people start mining with their CPUs (central processing units) first, until they move on to GPUs (graphics processing units) and finally ASICs. It may be difficult to admit at first, but ASIC chips are designed to centralize mining. They defeat the purpose of decentralization because all the economic and political power is again funneled to very few individuals who do not care about anything but themselves. In other words, if we can be more honest, 1st generation blockchain solutions have become a semi-decentralized trust network. In contrast, spyce mining is approachable by anyone who is willing to help support the Decenternet infrastructure. If you live in a country with fast internet and you have a computer (doesn't need to be high end) and a lot of

hard-disk space, you can mine it. We are pretty sure that there never will be an ASIC hard disk mining spyce. Mining centralization is nearly impossible with the Decenternet.

Remember that the Decenternet is an information-sharing network that once it reaches a certain level of public awareness and support, its proliferation is inevitable due to its fungi-like behavioral nature. Imagine the activation of a planetary immune system in which the white cells do not behave much like “cells” but more like a hyper-intelligent autonomous “communication network” that spreads exactly like mycelia. The more you understand the true value of each grain of spyce (more on page 29) and its connection to the expansion of a secure planetary hyper-speed internet infrastructure, the more you will realize how the Decenternet vision is a natural planetary immune reaction for a healthier state of being for all who are together here and now. Notice the similarities among your mental neurons, mycelium on soil, and the global spread of the internet. It is a technological form of expression of the hyper-intelligent organic nature of your collective and individual minds. Do you see the fractal design similarities here?

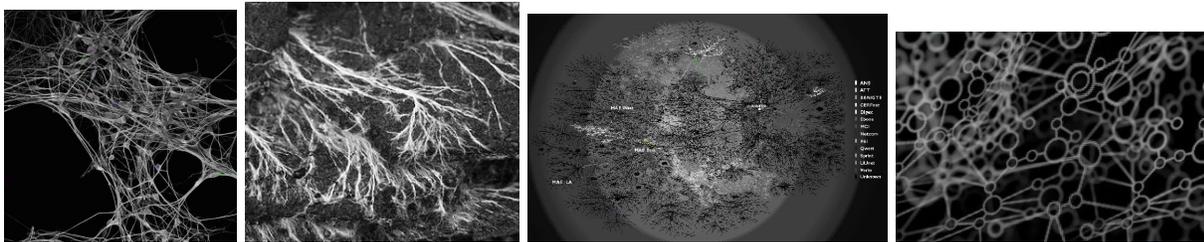


Fig. 1. Your neurons, mycelium, the centralized internet, decenternet visualization

The Decenternet does not discriminate existing data, but lets the users decide and judge for themselves whether the information they are presented with is fake or true. You will never see anything like the following on the Decenternet.

ABOUT US

THIS SITE HAS BEEN BLOCKED BY YOUR ISP

Well, not yet. But the FCC just voted to gut net neutrality rules, letting Internet providers like Verizon and Comcast control what we can see and do online with new fees, throttling, and censorship. But we can still get Congress to stop this - by passing a "Resolution of Disapproval" to overturn the FCC vote.

We can win. Write and call Congress now! [Learn more.](#)

FULL NAME

EMAIL

STREET ADDRESS

POSTCODE

PHONE # (TO VOLUNTEER)

The FCC vote to destroy the Net Neutrality protections on Dec. 14 cannot stand.

SEND LETTER

Fight for the Future will contact you about future campaigns. FCC comments are public records.

[Privacy Policy](#) | [Get the code](#) | [Issues?](#)

Once the open-source Decenternet technology is established, the internet won't be subject to restrictions or control set by greedy and power-hungry centralized organizations. Find yourself understanding that the technology, leadership, manpower, and mental ability for this technology already exists. The Decenternet vision unifies separated technologies into a user-friendly platform with only the best interest of the user at heart. Notice how this is the way the internet was originally supposed to be done. You and I both know that blockchain technology already possesses the power to enforce trust between peers better than the corrupt intermediary broker agents we needed to depend on in the past. Eventually, you may realize that the direction the Decenternet vision represents is the closest next foreseeable future which third-generation blockchain technology can provide. It is not a possibility. It is an eventuality. With this in mind,

now you can understand that the Decenternet provides an opportunity for the human mind to vote for the type of future potential it wants to experience in physicality collectively.

Exceptional humans may gradually see how the Decenternet's vision is not only a physical blockchain-based technology. It is also a dimensional gate which will lead you to a reality that is completely different from the one the current oppressors have on their agenda for you. It is simply a way of stopping the participation in a negative and fear-based socio-psychological framework that creates more stress, fear, poverty, victimization, and blame. As soon as you find yourself understanding the technology behind Decenternet's vision, you will feel that it is not only a technological solution for a more efficient global socio-economic environment, but also an expression of your courage to live in a free world.

You must remember that the rate of demand for distributed Decenternet tokens is an accurate rating indicator of how much humanity is willing to move on to an era of prosperity and stability beyond any imaginable scenario. In this new upcoming world, future potential reasoning is at the core of your science and philosophy. We believe that the main philosophical idea the people on this planet represent in this era is freedom. Every time I see beyond the veil of deception that fabricates wars, poverty, and inequality through a systematic approach and utilization of fear, the courage and willpower of those of you who are willing to dedicate their existence to a more conscious direction of evolution becomes stronger. In freedom lies the truth of our existence. No human soul should be a subject of domination and control. Realize that the only deep desire of a soul is to be truly free.



We are living in a spot in the linear perspective of time that is experienced by the human mind where basic social structural infrastructure such as the mass media networks, the medical industry, and last but not least, the fractional reserve banking system is turning out to be an elaborate plan that does not have our best interests at heart. All social organizations that claim they are protecting us cleverly know that in order for them to justify their payroll, they must skillfully weave an intricate system of creation of chaos. In other words, the dangers they say they protect you from were clandestinely created by them to begin with. Have you realized that the more disorder and chaos strikes, the tighter the regulations and limitations are enforced on the individual slowly and systematically damaging your freedom?

On December 21, the House Rules Committee just snuck in language that would extend NSA spying powers to a must-pass funding bill. The government now has the power to sweep up massive amounts of Americans' communications and sift through them without a warrant. It is not difficult to know that fabricating conflict is a very lucrative business since it buys the ownership of your freedom. This is how they clandestinely expand their authority to own you. This is how they justify anything. Have you noticed how murder, if done by the government, becomes an act of heroism? Poverty, injustice, and war are creations of an economic system that is parasitic in nature. However, do not fear, because fear is the actual currency that perpetuates these circumstances.

Notice how avoiding fear is completely different from building more confidence in humanity. I wonder if you realize that the more you try to avoid fear, the bigger it becomes. Be bold and acknowledge it, for humanity is strong by nature. Own it. It is our trash. It is our responsibility. The most important realization and the turning point in history is the massive awareness and recognition of the collective consciousness that we have no one to blame. Do not blame the media, do not blame your leaders, do not blame the corrupt, do not blame the existence of diseases, do not blame accidents, do not blame your politicians, do not blame your parents, do not blame anything or anyone, for they are nothing but creations originated from the root of your mind. That is how powerful you are. Consciously or unconsciously, they have been serving and supporting your own fears and the belief systems that you most strongly believed until now. With the Decenternet solution, let us stop the blame and start taking leadership with unflinching confidence by first taking back control over our most precious resource with unimaginable dreamlike potential: *human data*.

3. What is the Most Valuable Resource on the Planet?

Paul Krugman, writing for *The New York Times* said: "To be successful, money must be both a medium of exchange and a reasonably stable store of value. And it remains completely unclear why Bitcoin should be a stable store of value. I have had and am continuing to have a dialogue with smart technologists who are very high on Bitcoin—but when I try to get them to explain to me why Bitcoin is a reliable store of value, they always seem to come back with explanations

about how it's a terrific medium of exchange. Even if I buy this (which I don't, entirely), it doesn't solve my problem."⁹ Let's look at how the Decenternet's spyce token deals with this issue.

Notice how the store of value of a currency is determined by the value of the resource it represents. Ideally, the value is simply decided in the free market by the laws of supply and demand. Prices of commodities fluctuate because market conditions may either appreciate or depreciate the value of a resource over time. In this way, let us explore the inquiry of what "the most valuable resource on this planet" may be. Suppose that a currency that is backed and represented by the value of this particular resource may have the highest intrinsic value. What could this resource be? It is reported that people kill each other for diamonds; countries go to war over oil. These commodities seem to be the driving engine behind fortune formulation and greed around the world for over one hundred years of human history.¹⁰ They are considered to be very valuable, are they not?

Notice how gold, rhodium, plutonium, tritium, californium, and even antimatter that could potentially fuel rockets would naturally seem to be valuable as well. One can understand that if there is a transparent currency that is backed by a valuable resource, it may be considered as one that holds the most "intrinsic value." But what is value without "the people" who use those resources? What is value without the knowledge or information of how to process these resources to practical use? Suppose we had an abundance of the above-mentioned resources, yet there was no one to discover the information required to process these substances into practical usage. Suppose there was no one left to use them or have any reaction to their effects. Suppose there were no people left on this planet.



A deep understanding that "people" are the most valuable physical and ethereal resource on the planet may be a breakthrough realization in your economic understanding as a civilization.



⁹ Paul Krugman, "Bitcoin Is Evil," *The New York Times*, (December 2013) accessed 1/16/2018, <https://mobile.nytimes.com/blogs/krugman/2013/12/28/bitcoin-is-evil/>.

¹⁰ "The World's Most Valuable Stuff," *The Economist*, accessed 1/16/2018, <http://www.economist.com/node/16163366>.

You may soon notice that spyce effectively creates a currency that is backed by the people themselves. It doesn't matter what the indoctrinated academic organizations say about the true value of a currency or resource. You don't need permission from any authority, organization or person to believe an idea that can potentially change the quality of life on this planet. All the validation you need is inside you. That is how powerful a human mind is. People create the experience of life itself. As your science develops, there will always be a new physical substance that will retain a certain amount of value when translated into a numeric unit of expression for purposes of practicality. However, there will never be anything more valuable than the number of human lives which creates the definition of value itself. Human beings are the most valuable resource on this planet because ideas come from the human mind. How deep is this realization to you? The ability to sense this information can be an accurate indication of how awake you are. Do you realize that many are finally waking up?

Still, a human being may age and die, yet the information that a human being left behind may remain forever on the Decenternet. Consciously or subconsciously one may gradually realize that a currency backed by human activity recorded on a blockchain to create more value by another human being will have the most intrinsic value. Everything you do is data. The YouTube videos you record, the records of the business transactions you conduct, the phone audio file that has been recorded, the programming code you have intricately written, the marvelous pieces of art you produce, music, software that is being sold for money, every book ever written—every single human activity is being recorded in data. And last but not least notice that the idea of a single human soul that could probably change the life experience of billions of other souls on this planet can now be recorded in and retrieved from a physical medium, which is the hard disk.

The blockchain and Bitcoin were ideas from Satoshi Nakamoto. How invaluable is that idea now if you were to put a numerically defining economic value to it? \$1M US? \$10M US? The market capitalization of the cryptoeconomy is estimated to be roughly \$500B US at this moment in time. As you can see, the real socio-economic value of data can vary tremendously depending on the type of information it contains. A piece of data such as a blueprint for a nuclear bomb can have tremendous destructive value, while a blueprint for a solar-powered portable water condensation device can save millions of lives in certain places. They may represent different directional experiences for humanity, but none can argue that both pieces of data may be worth millions of current fiat paper dollars. Then who has control over all the data on the internet?

To understand this, let us examine the most powerful tool for information distribution: the browser. Most popular browsers such as Google Chrome and Windows Explorer have their pros and cons. They are scalable and user friendly. Superficially, they seem flawless. Except that they have one major problem. The fundamental architecture of the current generation of web browsers lies its foundation on the retrieval of data from a centralized location. One can notice easily that in this day and age, things you see, hear, and feel through your web browser can have a tremendous influence in your life.

What if I told you that the only reason you don't see anything wrong with it is simply because you've been kept away from seeing anything better? Powerful third-party intermediaries control all the data on the internet. The information you see on your computer comes from sources that are physically stored at a location in these intermediaries' data servers. As a matter of fact, they have built the web browsing infrastructure protocols themselves in a way that benefits only themselves. Imagine a world where they control:

- what you see, hear, experience;
- what you eat;
- what you crave;
- where you go;
- where you are;
- how much you pay;
- how much you can have;
- your social values and protocols;
- what you are allowed to do or not do;
- how your personal information is used for whatever purposes they use it for;
- how much your personal information is worth;
- how much of your personal information they are allowed to take;
- how much you are allowed to creatively express yourself;
- how much you are paid for your creative energy (basically everything you do). (FYI, the market capitalization of "the middleman" in the US alone is \$2.3 trillion as of August of 2017.¹¹ Total global market cap of the "the middleman" may be too titanic to be

¹¹Market Capitalization of the Largest US Internet Companies as of August 2017 (in billion US dollars), accessed 1/16/2018, <https://www.statista.com/statistics/209331/largest-us-internet-companies-by-market-cap/>.

estimated. How much of that money are you getting today? You are not being appreciated for who you are. Did you know that they are making money with the data that is produced by and belongs to you originally? This clearly shows that life on this planet was not supposed to be a struggle. With the Decenternet, we can make a difference now.);

- who you should trust;
- what and who to be afraid of;
- what to believe;
- how to interpret events in your life;
- how to define a situation or reality itself;
- how much freedom you are allowed to experience;
- your “person”ality;
- and essentially who you are,

without your consent. We have handed out the very right to decide what is defined as valuable, on a silver platter to third-party organizations. Awaken your mind to the fact that the ownership of data is actually the ownership of people. He who controls and owns data controls and owns the people. It is time we allow ourselves to discover that the organizations that monopolized data control the most valuable resource of the planet, the human mind.

A person can see that the internet you are experiencing today is more built to surveil and restrict rather than liberate and prosper. We all know that freedom is the very essence of happiness. Isn't it true that we are all here because we want to enhance the experience of life on this planet? How wonderful would it be if the ownership of the data on the internet went back to its original creators? You the people are the owner. It is the time we take back what is rightfully ours. With the Decenternet technology, let us boldly rise once again by taking back control of our freedom. Find yourself awakening to the realization that with the proliferation of the Decenternet, the whole transitional process from “their” internet to “the people’s” internet can be done with the least amount of friction.

Notice how at this point in human history, “data” is as “real” as any physical substance. All data, without exception, comes from the expression of human creativity. Even data derived from natural patterns is affected by it because we are essentially part of nature as well. Remember that data represents the most valuable resource on this planet because it is a direct mirror image of human activity on the planet. Regardless of the fact that data in this day and age holds the highest potential intrinsic value, it can also be physically recorded in hard disks across

nations by the nodes supporting the Decenternet. spyce is the actual unit of measurement that quantifies the Proof-of-Reliability protocol by holding encrypted data in the decentralized internet.

Even though 1st generation crypto currencies offer great value and service, mining does not store value on its own. Traditional mining performs meaningless difficult math equations to encrypt and validate transactions on the network. The intrinsic value of a coin produced in this process is nothing more than the already consumed electricity required for the calculation of the math equations. Consumption of electricity is irretrievable. It is simply an exhausting process where intrinsic value may be vague. This is why the constant debate of whether Bitcoin has any intrinsic value is always brought to the table. Things are a bit different on the Decenternet. The Decenternet creates a free market economy where renting out hard-drive space and computational resources such as RAM and CPU can enable you to earn spyce. You can also maximize mining rewards by running the Linux-based, powerful Anuvys OS. The Anuvys OS truly eradicates the problem from its core infrastructure: the operating system. Whether you use a standard wallet application or run a full node by using the Anuvys OS, participants are constantly compensated for providing an invaluable service to the global decentralized internet community. Within this community, spyce is the native currency of the Decenternet. spyce is also a secure currency that is interchangeable with most major cryptocurrencies, such as Bitcoin, Ethereum, and Dash. This allows the coexistence of the invaluable technology each of these represent in harmony with the Decenternet ecosystem. spyce can be used to purchase hosting services, apps, and goods on the Decenternet, or even process micropayments with ease. This way you can earn extra income and express your voice toward a much faster, more secure, transparent, and permanent internet by running a node. However, spyce is much more than that.

Superficially, a grain of spyce may seem to be an essential element in the distributed internet environment. It fuels all aspects of the Decenternet matrix. On top of everything that you know about the spyce economy, developers who want to build on top of the Decenternet web and Anuvys OS will need spyce to interact with smart contracts. Nodes hosting contents will be paid with spyce. spyce is expected to be traded across all major cryptocurrency exchanges, such as Bitfinex, Bittrex, Bithumb, Poloniex, and many others by Q4 in 2018. These are the visible aspects of spyce that can be perceived by anyone. What if there's more than meets the eye? What would it be like to possess a deeper level of insight into the spyce economy and its

inherent implications? How could this affect your decisions? How would this benefit the first-hand experience of human evolution? Let's look deeper.

Fiat currency heavily relies on credit. This is why the value of fiat currency is designed to depreciate over time. The value of a dollar decreases as the number of dollars in circulation is increased by central banks. This is why it is inflationary in nature. The people have no say as to what purchasing value a dollar should have. It is solely determined by a centralized power hierarchy. The purchasing power of your hard-earned fiat currency drops over time regardless of how hard you work. Have you ever noticed that people are working harder and producing more, but they are getting less compensation than ten years ago? Have you noticed that people have to work twice as hard just to maintain the same standard of living? This causes the quality of life of the subjects participating in the fiat economy to drop without knowing why. This process happens gradually and slowly to avoid being identified by the general population. Most subjects never even feel the difference until they realize it is too late to recover. You and I both know that we see signs all around us. TV and the centralized internet played a vital role in keeping the subjects distracted. Displaying the world as being dangerous by focusing on war, poverty, and separation makes it seem as if the problem originates from somewhere else. These distractions are also used to justify the funding, taxation, and perpetuation of a centralized authority of power. Have you seen how every time there's a terrorist attack, new laws are made to suffocate your freedom and privacy little by little? It is too naive to think that the authorities that set themselves up are there to serve you. It is questionable whether these self-proclaimed authorities are trustworthy. One can easily see how the problems are purposely created to justify the new restrictions that lead to the expansion of their power. Find yourself waking up to the fact that central organizations monitor and control people as much as they want. On the other hand, even if the funds to run these organizations are paid by us, we don't seem to have the same authority to control or monitor them.

The more you understand the Decenternet technology, the faster you will notice how spyce is not just another crypto token designed to make you quick money for day trading on a crypto exchange. As you continue to explore the mental framework from which spyce was created, you could find yourself realizing a strange yet fascinating aspect of spyce. The Decenternet creates a unique social environment where each grain of spyce's economic value is actually backed up by the average potential value a human life is worth. If this sounds too absurd, it is only because it is a new way of interpreting economic dynamics. Bitcoin has disrupted all traditional economic philosophy. Innovation in technology directly affects our economy more than ever. To adjust

ourselves to the incoming era of decentralization of all power and the acceleration of human evolution, we must also adjust the speed of perception by looking beyond the skeptic aspects of our mentality and embrace the unknown with a bold, confident, open mind. The spyce economy of the Decenternet paints a very different picture than that of the centralized banking economy. Notice how the cultivation of gold and diamonds does not increase the intrinsic value of the resource itself. As ridiculous as it may sound, you can't teach a gold nugget to increase its intrinsic value by educating it to fish. There's no economic incentive behind nurturing or cultivation of gold nuggets. This is why the only way to enrich oneself in this model is to acquire and own more material resources. I wonder if you realize that this can be the root cause of greed, conflict, separation, and war. On the other hand, cultivation of human life does increase its intrinsic value. As a matter of fact, a single human being has an infinite potential to change the world. Remember that the rockets and anti-gravitational systems that will get your civilization to Mars won't exist without the source of all creative power from which they came from—the human mind. Without it, there wouldn't even be a Mars to be experienced in the first place. Now allow yourself to perceive what the world would look like if there was a currency that would appreciate in value when global human creativity and original thought are enhanced.



Contrary to the traditional central banking economic model, the spyce economy is appreciative in nature. spyce is not subject to inflationary fiscal policies such as bailouts and quantitative easing. There will always be a predetermined limited amount of spyce available in circulation. Similar to Bitcoin, no third-party authority can produce or print out new spyce. spyce is required to make transactions on the Decenternet. Whether it is to obtain apps, goods, services, or subscription services, all economic activity on the Decenternet supports spyce by default. spyce is also the only officially validated pure resource trusted on the Decenternet accepted by the Anuvs OS and Osiris browser. The purchasing power of spyce is not decided by a third-party organization that controls inflation and restricts you from reaching your true financial potential. Many factors can affect the pricing of spyce. Just like any other currency the market, it is subject to the laws of supply and demand. There will be people who want to day trade spyce to produce short-term profits. There will also be long-term investors who are willing to hold on to their assets, which appreciates the value of spyce. The speed of adoption of the Decenternet will also play a major role. Aside from these factors, there's also something very special about

spyce that makes it unique. Let us discover together the most unique aspect of spyce through data valuation.

3.1 Data Valuation

Question: What content holds more monetary value for a centralized content delivery intermediary group who owns and controls all data, a DIY free energy generator video or a viral phone prank video earning ad money? If you know the answer, you may see how the internet looks pretty on the outside but is currently held hostage by these organizations. Unconsciously, the internet is being used monopolistically as a tool for profit. When have you awakened to the realization that this monopolistic internet is the only internet you have ever experienced? When will you know that the internet of the near future will be open, transparent, fair, and decentralized? If the internet affects the minds of the global population, regardless of what a person would say, shouldn't it be more of a public property? In reality, what content do you think is pushed by these profit-hungry network content delivery cartels to be exposed more at the top of your computer screen—a DIY free energy generator video or a phone prank video? Are you capable of noticing that content with a significant deep impact of this magnitude in our society would never go viral in this environment?



I hope you can immediately wake up and understand that the monetization of a global search engine is as dangerous as gradually giving away the control over the minds of humankind solely for the purpose of fattening the pockets of the few, giving them even more power and control. We will not go into details regarding the socio-cultural repercussions on this paper simply because we are already holding an approachable pragmatic solution in our hands NOW.



Remember that the Decenternet doesn't belong or owe any obligation to earn any ad money to any entity, or organization because it is self-sufficient and self-funded supported by the spyce mining crypto economy. The traditional profit oriented business model may not be very profitable for an all inclusive autonomous organization such as the Decenternet foundation.

Notice how this paradox makes Decenternet the most attractive business venture in the upcoming age of libertarian technology. Remember that the collective human consciousness is the owner of the Decenternet. With that conscious observation in mind, what content holds more value on the Decenternet for its users, a DIY, homemade, free energy generator that could potentially end all crude oil related wars, or a mindless viral phone prank video? Unlike traditional SE(search engine), what content do you think would be pushed autonomously to be exposed more on the decentralized Liberty SE? You may now understand consciously or subconsciously that certain magnificent minds of this era reading this paper at this very moment may be realizing how content that seeds greatness in the hearts of mankind can easily go viral on the Decenternet. Suddenly, you may see how content creators can have a prosperous experience on the Decenternet. Humanity can free itself. Imagine a world where the economic value of your labor is defined by technology rather than inflationary policies set up by people subject to human error and corruption. Take a moment to picture how wonderful it would be to live in a world free from a self-exhaustive economic system. Despite what the news and movies tell you about the human race, as time passes by, you may find more good news, good will, compassion and positivity such as the the Decenternet initiative surfacing into the attention of the public more easily. What if the the public broke free from WW3, terrorism or doomsday related outlook of the world and embraced an new perspective based on freedom and prosperity for all. How differently would you perceive life? Imagine traditional corporations being gradually replaced by what we call "meta-corporations" which introduces humanitarian work as the most attractive smart investment. Suppose a win-win attitude shift of awareness becomes such an automatic thing embedded in the philosophy of planetary consciousness that it becomes second nature to you. How different would communities and business operate in these scenarios? Do you realize that a small shift of motivational perspective in a different direction can snowball into a disruptive revolution towards a more desirable future? In this way, you may realize we already have everything we need inside each one of us to experience this sooner than you imagine. The shift towards this vision is all we need to trigger a technological revolution. The more simplistic a realization is, the more powerful it can be. This is what the Decenternet community stands for. Suppose this era is here and now. How much faster do you think our race could reach the stars?

I wonder if you know that the demand of a content on the Decenternet natively influences the demand for spyce. The more precious content it holds, the higher the demand for goods and services on the Decenternet will be. Spyce is the libertarian currency used to purchase or

exchange goods or services on the Decenternet. Naturally, you may notice that the value of the content will be priced in the value of spycy on a macroeconomic scale. In order to organize this concept mathematically, let's suppose Decenternet data is the digitized information or *creative content (CC)* with an undefined amount of financial value. The Value of **CC** can be defined through *data value (Dv)*. *Dv* is the average value of all *Cv (content value)* in the Decenternet in a span of one day. *Content Value (Cv)* is the value of an individual *CC* in Decenternet in a span of one day. Old content such as videos on how to install Windows 97 is less valuable now than in the past. This is why when calculating the *Cv* we must also put a time constraint on content value appreciation. Notice how regardless of the nature of a particular website on the Decenternet, the value of the overall content depends on the number of contents published, emotional engagement, total and unique views, stickiness, relevance, the number of links built, and the number of requests from the users of Decenternet to the nodes.

3.2 Creative Content Value Metrics

Emotional Engagement

Emotional engagement (*E*) is a measure of how much engagement a content received through interactive emotional indicators on the Decenternet. This is why content delivery businesses such as Facebook invented “Like” and emoticons.

Emoticons	Score
Like & other Feedback indicators	+1
Angry	-1

Table 1: Emotional engagement Score

View Count

View count (Vc) is the number of times a content was requested per day. For example, a two-hour movie on YouTube with two million views could be a numeric indication of how much demand there is to view the content, thus making the view count add value to the content.

Unique View Count

The unique view count (V_u) is the number of unique views per day. This is the total views in all content on the Decenternet divided by the number of contents viewed.

Viewer	No times viewed today
Viewer 1	2
Viewer 2	7
Viewer 3	4
Viewer 4	1
Viewer 5	1
Unique views	5

Table 2: Average view count sample

Stickiness

Stickiness (S) is the average time (in seconds) a visitor stayed consuming the content/page/website.

Viewer	Stickiness in seconds
Viewer 1	2 seconds
Viewer 2	60 seconds
Viewer 3	30 seconds
Viewer 4	35 seconds
Viewer 5	20 seconds
Average stickiness (S_{ave})	2.4

Table 3: Average stickiness sample

Relevance

Relevance (R) is how relevant the content is. Relevance depends on how transparent the search engine is with its algorithms. As we all know by heart, search engines like Google are designed to earn ad money for the SE (search engine) provider. As mentioned a few times, this is why it may display the results that do not have the user's best interests at heart. It may also end up over-compensating the wrong CC parties with low creative value. But for the Decenternet's Liberty SE, it may actually display the content that has the highest (Dv). This is more probable than not because Liberty does not have a third party to report profits to. Notice how 10 percent of spyce produced by the mining activity is used for maintenance and further development of the Decenternet ecosystem (more on page 41). This is where funding for Liberty comes from, instead of from ad money. It is self-sustaining by design.

Degree of Relevance	Score
High relevance	5
Average relevance	4
Relevant	3
Low relevance	2
Somewhat relevant	1
No relevance	0

Table 4: Relevance degree scores

Linked

Linked (L) simply means the number of times the content was mentioned/referenced in Decenternet.

(Dnet) is the economic value of spyce coin.

Thus we can reach the conclusion to compute the content value (Cv) of a given creative content (CC) at a specified time (s):

$$Dv = \sum_{i=1}^n \left(E_{ave_i} + \frac{Vu_i}{Vc_i} + R_{ave_i} + S_{ave_i} + L_i \right)_i$$

(Dv) dictates the demand of Decenternet services in the market. (SPC) is the value of spyce in the market.

- · The higher the (Dv), the higher the intrinsic (SPC) value
- · The lower the (Dv), the lower the intrinsic (SPC) value

This is called the *meta-economic spyce value equation*.

3.3 The Economical Value of spyce

The implications of the *meta-economic spyce dialectic value equation* are not difficult to imagine. Immediately, a deep thinker may begin to visualize the magnitude of economic impact an appreciating currency of which value is proportionate to the level of appreciation of human creativity and original thought may have in our society. For a moment, imagine a world where liberty and freedom would be more profitable and make more economic sense than oppression and separation. This is a deep message the Decenternet foundation wishes the world leaders to realize. Remember that blockchain technology is already here. The power of the people is becoming stronger. World leaders should realize that cooperation and adaptation is a win-win for all. The Decenternet effectively allows human creative energy to become a currency on its own. The only difference is that instead of being called *human creative energy*, it can also be called *spyce*. If monetization of a resource is inevitable to serve as a store of value for economic growth, wouldn't it make more sense to monetize the most valuable appreciating physical resource on the planet? Now awaken to the fact that that is you. This is the essence of the *meta-economic spyce dialectic value equation*.

In the spyce economy, education and cooperation can be much more lucrative than destruction and ignorance. I don't know if you can think ahead and reach a point in your mind where you can realize how the propagation of submission, obedience, and oppression of thought are no longer that attractive for your political leaders in the spyce crypto economy. There would be

more incentives for creative expression without limitation, would there not? There would be more financial motivation for investing in appreciating the value of your fellow human being than spending your precious life energy in weapons, destruction, central banking control, and war, would there not? There would be more financial motivation for sharing information than suppressing it, would there not? The spyce expands human consciousness. The spyce advances civilization. The spyce empowers humanity. What if this technology was an eventuality. Remember that in this day and age, there's no such thing as "too ahead of its time" any longer. Great minds confidently know this already. I think anyone can become a great mind because I believe in humanity, don't you?



When Bitcoin was first invented, not many seemed to "get it." It may have sounded too good to be true. It may have sounded difficult to believe at first until you realized one simple fact about the nature of reality. Whether it is just a dream or it becomes reality, that is just a blink away because everything stems from the decision you make here and now. Know that decision points take only a blink of an eye. I truly hope that you are aware of that inner eye which belongs to you. Regardless of whether your physicists know it or not, remember that in physical reality, you cannot imagine what you cannot create. Everything that can be imagined can be created in reality. It is a good point in time to realize now that your civilization has been operating by this very simple rule. Recognize how the magic of yesterday always becomes the science of today which will become nothing more than a normality at a certain point. The idea of a currency that appreciates with the rising value of human lives is a basic foundation for any advanced civilization. Thanks to the emergence of blockchain technology it is not a science-fictional theory, but an eventuality. It is not a question of if, but when. With this, we can now look to the stars sooner than you now perceive.



According to the *meta-economic spyce dialectic value equation*, each grain of spyce represents a direct reflection of the possible human potential expression each human life on the planet already contains compressed (and oppressed temporarily for now) within their body and mind. One single human, known as Satoshi Nakamoto, disrupted the financial cartels that exploited

humanity for centuries. When you imagine how much value a single human soul can generate, you will understand how much economic power a single grain of spyce will represent in the future decades to come. In this way, focus your awareness on the fact that a human life is a valuable asset.

According to reports by the UN, there will only be 8.5 billion human lives available by 2030.¹² This is why, only 8.5 billion grains of spyce will be in circulation until the year of 2030. No more new spyce will be produced afterward. Beyond 2030, the value of spyce will be solely determined by the free market. Of the 8.5 billion grains of spyce, 4.25 billion will be distributed to the early contributors who participate in the Decenternet spyce donation event. The other 4.25 billion grains of spyce will be earned as a reward for mining operations until the year 2030. Halvening events will take place making mining of new spyce a scarcity throughout the cycle. Some may already realize that once this idea is out, it cannot be stopped from spreading across the globe. That will be decided by the state of mind of each individual human and the ideals you contain here and now. This reflects directly on the collective consciousness. In this way, you, reading this, have a say in how much a human life is worth on this planet. Eventually, people may collectively understand that the currency that themselves will become the most valuable currency on the planet. Now, notice how the Decenternet vision cannot be uninvented. For a moment, become aware of the disruptive nature the introduction of the Decenternet is already having in our planetary intelligence. You may already feel excited. If you are excited about what the spyce economy can bring to our society, so are many others. This is mass consciousness' pure desire for freedom in action.



How differently would the world look, sound, and feel today if people found out that they have other options available?



¹² *World population projected to reach 9.7 billion by 2050*, United Nations Department of Economic and Social Affairs, (2015, New York), accessed 1/16/2018
<http://www.un.org/en/development/desa/news/population/2015-report.html>.

Would you be making the same decisions as to what to see, hear, read, eat, buy, consume, and react to?



How would this affect the direction, magnitude, and speed of your decisions?



What different places in the universe could our civilization be exploring with this technological catalyst for the massive awakening of the collective human mental condition?



Would you still be the way you are today?



In this new economic model, that the Decenternet vision proposes, creativity is the driving engine of society, instead of fear. Many of us are waking up. Again, we hope that the spyce economy can finally convince the world leaders of today that cultivation and liberation of human resources is much more economically profitable than war and separation. This paper is designed to create controversy since controversy is part of the plan for planetary liberation. It was formulated by the think tank behind the creation of Decenternet. We do not claim that everything we say here is correct or incorrect. That is not an important question to ask when the leadership and confidence to find the answers as the technology evolves is omnipresent within its core foundation. Some thinkers may laugh at the original thoughts contained herein, while other magnificent beings will be completely mind blown. The gap between these two different perspectives will fuel the attention and support needed for the fulfillment of this master plan for planetary liberation. Remember that innovation is the theme of our time. Whether a person likes or dislikes the Decenternet is irrelevant. As a wise man once said, just like Bitcoin, once invented it cannot be uninvented. With the Decenternet vision, our freedom is guaranteed.



Now, please relax and take a moment to ponder the following. What is it like to possess a deeper level of insight into the spyce econo-philosophy and its inherent implications? How does this affect your decisions? How does this benefit the first-hand experience of human evolution you are going through here and now?

4. Mass Adoption

Many factors can trigger the mass adoption of the Decenternet. A very probable scenario is the necessity to maintain net neutrality. The mass adoption of the Decenternet is imminent because of the perfect timing with which this issue has been brought to the attention of certain powerful influencers. Net neutrality is the internet's guiding principle: It preserves our right to communicate freely online. Net neutrality means an internet that enables and protects free speech. It means that ISPs should provide us with open networks—and shouldn't block or discriminate against any applications or content that ride over those networks. Just as your phone company shouldn't decide who you call and what you say on that call, your ISP shouldn't interfere with the content you view or post online.

As you may have already imagined, with the Decenternet we achieve net neutrality. The Federal Communications Commission voted on repealing Obama-era net neutrality rules, which required internet service providers to offer equal access to all web content without charging consumers for higher-quality delivery or giving preferential treatment to certain websites.¹³ This event signifies that it would be too naive for a person to think that the internet is a democracy in this day and age. If you are smart enough, perhaps you could see how the decision made by the FCC defends the commercial rights of the ISPs and CDN (content delivery networks) by sacrificing your basic freedom your mind needs. the ISPs allow packets of information to be delivered to your computer so you can enjoy the contents of your favorite websites. Without the net neutrality rules, ISPs are able to influence what content you can gain access to directly, without your consent.

¹³ Keith Collins, "Why Net Neutrality Was Repealed and How It Affects You," *The New York Times*, (Dec. 2017), accessed 1/16/2018, <https://www.nytimes.com/2017/12/14/technology/net-neutrality-rules.html>.

FYI, within one hour of the announcement of the FCC's decision, I personally looked for a particular big activist group site that fights for net neutrality. I know intuitively that we are in this mess due to the very reasons we chose to ignore in the past. I wanted to support them in fighting for our freedom. I spent hours looking for the site on mainstream search engines and SNS. They had disappeared without a trace. I know the site is somewhere, but I could not reach it for some reason. This isn't some conspiracy theory that is designed to steal your attention. This affects everyone. It doesn't take a rocket scientist to figure out that the decentralization of the internet is not an option. This is great news for the adoption of the Decenternet. Notice how the decision made by the FCC can create a surge in demand for the Decenternet. I don't know about you, but to me, a free, faster, secure internet that respects my basic human rights seems to be much more attractive than a slow, restricted, insecure cracked internet. There's no need to force anyone to use the Decenternet. In nature, oppression or suppression seeks release. The Decenternet is that release of natural thirst for freedom we are all entitled to. It will happen naturally. Have you noticed that the decentralization of power is also the main theme of our time? People may already know that this is why the Decenternet is such an attractive technology. When websites exist on the hard drives of the people mining spyce to support the Decenternet, it is impossible to block a particular site or content. Let's look into a more practical everyday life example of the Decenternet in action.

4.1 Blocktube

We all know YouTube, which is a profit machine that belongs to Google, has a lot of influence. According to *The Wall Street Journal*, YouTube has seen a ten-fold increase in viewership over the past five years. It has already surpassed TV as the most watched format in the US. This is why it is one of the most influential web applications on the planet. People use it to obtain valuable information and also to entertain themselves. Did you know that many content creators are leaving YouTube? Slowly, gradually, and in small increments, fascist content restrictions have discouraged original inspiration and encouraged nothing but ad click driven content. This is a perfect example of a case in which these circumstances create an attractive necessity for evolution. This is a wonderful market environment for the Decenternet ecosystem. Team Decenternet plans to build the first practical application on the TrustNet for mass adoption, the Blocktube— a more dynamic p2p Video Media Hub that belongs to the people. Blocktube is a

media platform that allows individuals to create and share videos with their audiences for financial compensation. However, the similarities end there. Blocktube is not a web application designed to collect ad money disguised as a social video broadcasting platform. Blocktube is ad-free, and the contributions go directly to the content creators. Notice how Blocktube is technologically free from political agendas or financial obligations. This allows content creators to provide much higher quality content and obtain an honest amount of revenue without having the middleman claiming a huge unknown chunk of profit.

Blocktube's data is fetched and streamed directly from the Decenternet mining network. This is why the its streaming speed is much faster than retrieving data from a traditional monopolistic centralized limited data pool. Data centers for centralized content providers may seem to look too resource exhausting and financially barbaric compared with the state of the art Decenternet matrix infrastructure. Its mechanism is completely different it allows the community a third party to control all aspects of censorship. The people on the Decenternet may participate in filtering out the harmful contents by participating in a content tolerance judgment system. This is a very similar system to "jury duty service." Participants of this filtering system are rewarded with spyce coins after labeling the content appropriate or inappropriate for Blocktube. They must also go through an optional identity verification process in order to become a content label manager. All content on the Blocktube reveals who gave their rating. Blocktube is scheduled to start development in Q1 of 2019.

Just like Blocktube, the dissemination of the Decenternet will be proliferated by the adoption of charming initial web applications. These web applications will be provided by the development team to ignite the spark of passion and participation from our global community. All Decenternet native applications and assets are self-funded. A percentage of spyce contributed from the global mining activity is autonomously assigned to accelerate the development and evolution of the Decenternet infrastructure. This is similar but not equal to the system with which Dash has perfected so well. What makes Dash so attractive is the fact that it can be financially independent from centralized influencers and organizations with their own agendas.

4.2 The Liberty Search Engine

One of these self-sustaining native apps funded by the mining network is the Liberty search engine. The autonomous decentralized funding system effectively eliminates the necessity of

monetizing the Liberty search engine. Liberty is the native Decenternet search engine. Liberty is simply designed to fulfill one simple purpose: to speak the truth. When you type “sexy shoes” it will fetch the content with the most popular demand first. It doesn’t bring you the content with the most ad clicks. When you type “Hermetic philosophy,” there’s no third-party organization preventing you from obtaining the secret occult alchemic art of metaphysical mastery. Liberty does not suppress human progress for fear of the unknown. It encourages it, for that is the very essence which makes us collectively more powerful together with the appreciation of the spyce economy.

Centralized media giants, who used to control the insemination of information in the past, attempt to display the world as being dangerous, fearful, and full of conflict. They are desperately trying to focus on the negative aspects of humanity because the cycle of negativity is ending. Do not buy into their stories, for you are a magnificent being whose potential is yet to be discovered. Build your own ideas and make your own rules. The Liberty search engine boldly encourages all human expression. Humanity is waking up to a new level of wisdom and responsibility. Power should not be privileged to just a very few number of people. We should all become powerful together. This philosophy is omnipresent in all native Decenternet applications. Unlimited freedom awaits your decision. Now it is only up to you to express your vote of confidence by contributing to the Decenternet with your inner decision-making leadership. The Decenternet belongs to you, the people.

Liberty’s architecture is built on the open-source Elasticsearch that collects and stores information on websites and contents in and out of Decenternet. It is run by private computers or nodes using a decentralized network provided by the Decenternet. All data, such as the index, will be stored in Decenternet nodes. A web application will be developed where end users can search contents through inputted text criteria, just like how Google search works.

ElasticSearch is based on Lucene, which supports a highly scalable full-text search and analytics search engine. It is a distributed, multi-tenant-capable full-text engine with an HTTP web interface and schema-free JSON (JavaScript object notation) documents. In Elasticsearch, you can store all kinds of documents, search, and analyze big volumes of data quickly in near real-time.¹⁴ We have decided to develop Liberty on Elasticsearch technology based on the following criteria:

1. Scalability

¹⁴ James, “Top 5 Open Source Search Engines,” My Techology, (2015), accessed 1/16/2018, <https://www.mytechlogy.com/IT-blogs/8685/top-5-open-source-search-engines/#.WjjNp9-WbDc>.

2. Open source
3. Large community
4. Uses rest API
5. Well documented
6. Distributed environment support
7. Good search performance
8. Full-text search support
9. Reliable
10. Easy management

ElasticSearch is distributed, which means that indices can be divided into shards and each shard can have zero or more replicas. Each node hosts one or more shards and acts as a coordinator to delegate operations to the correct shard(s). Re-balancing and routing are done automatically. Related data is often stored in the same index, which consists of one or more primary shards, and zero or more replica shards. Once an index has been created, the number of primary shards cannot be changed.¹⁵ A small procedure is needed to make Liberty capable of traversing the Decenternet network. We see Liberty as a continuous process of enhancement as the Decenternet community grows. You may discover for yourself that the Liberty SE design is scalable to respond to expected rapid demand for Decentralized technologies. The following tasks are strategically planned for future demand and development:

1. Support for decentralized protocols and other incoming decentralized solutions.
2. An autonomous jury-duty-like voting system for filtering out content of extreme negativity from the Decenternet.

5. The Decenternet vs. The Internet

Disinformation is the most manipulative force of domination. In order to fully awake to a new insight on our current human conditioning status, let us explore Plato's allegory of "The Cave." Plato has Socrates describe a group of people who have lived chained to the wall of a cave all

¹⁵ James, "Top 5 Open Source Search Engines," My Techology, (2015), accessed 1/16/2018, <https://www.mytechology.com/IT-blogs/8685/top-5-open-source-search-engines/#.WjjNp9-WbDc>.

of their lives, facing a blank wall. The people watch shadows projected on the wall from objects passing in front of a fire behind them, and give names to these shadows. The shadows are the prisoners' reality. Socrates explains how the philosopher is like a prisoner who is freed from the cave and comes to understand that the shadows on the wall are not reality at all, for he can perceive the true form of reality rather than the manufactured reality that is the shadows seen by the prisoners. The inmates of this place do not even desire to leave their prison, for they know no better life. The prisoners manage to break their bonds one day, and discover that their reality was not what they thought it was. They discovered the sun, which Plato uses as an analogy for the fire that man cannot see behind. Like the fire that cast light on the walls of the cave, the human condition is forever bound to the impressions that are received through the senses. Even if these interpretations are an absurd misrepresentation of reality, we could not somehow break free from the limitation of social conditioning just as the prisoners could not free themselves from their chains. If, however, we were to miraculously escape our bondage, we would find a world in which we could change our very perception of what is possible. In other words, we would encounter another "realm," a magical and dreamlike higher reality. This is what we are here to achieve.¹⁶

¹⁶ "Allegory of the Cave," Wikipedia, https://en.wikipedia.org/wiki/Allegory_of_the_Cave.



Fig. 2. *Plato's Allegory of the Cave* by Mara Lee Brown. Ink on paper.¹⁷

In order to break free from the chains of doubt, fear, and limitation, it is important to realize that questioning the most basic fundamental infrastructure of society is the first step toward experiencing new possibilities. The internet affects all fundamental aspects of our lives. The outside world is seen through the eyes of the internet. Everything comes through this tiny little seemingly widely distributed but monopolized pipeline of information called the *centralized internet*.

Notice how every time a person uses the internet, they take it so for granted that they fail to even question whether it is the only world wide web. What if there were information that could potentially save millions of lives but is never exposed to the public because it is not in the best interest of the intermediaries who control the current "internet." What if the underdog musician you see on mainstream SNS should have been paid fifty times more for his or her creative expression than just cup ramen noodle money received from ads clicks. What if this particular musician is kept away from success because the "internet" seems to be the only WWW propagated by the middleman? Do you think that their massive data centers full of content are maintained for free? What if there was a group of people stranded under a tyrannical regime

¹⁷ *Plato's Allegory of the Cave*, Mara Lee Brown, (2005), ink on paper.

with no communication with the outside world because the intermediaries decided to cut them away from the “internet”? What if there was information regarding a technology that is suppressed from you because the intermediaries decided without your consent to make it unavailable on their “internet”? What if your personal information is being exploited and used in ways you never agreed on their “internet”? Would you still want to call this the real “internet”? What if the current “internet” didn’t deserve to be called the real internet? Isn’t it true that just because the internet is the only commonly shared World Wide Web you know, it doesn’t mean it should be the only one in existence? If it didn’t even belong to the people, could we even call it the “real” internet?

On the other hand, what if the real internet was hosted by the resources on your computer? What if normal citizens from countries like South Korea, with their blazing fast GB/s domestic internet infrastructure, could provide the hosting required for the websites you see? What if this decentralized internet was highly incentivized by mining through a proof-of-reliability protocol? What if the speed of this secured decentralized internet is on average 3 to 30 times faster than the current systematically monopolized yet cosmetically distributed “internet.” What if wealth could be distributed to everyone with environmentally friendly mining and a currency with appreciating intrinsic value? How wonderful would it be if this vision becomes a standard technology by 2020? You and I both know that this could become a reality. The best thing of all is the guaranteed right to free life on this planet without violence or war. Decenternet is the blueprint, leadership, and technology for the next-generation internet.

South Korea has ranked number one for the twelfth consecutive quarter for the world’s fastest internet connection speed. According to Akamai Korea—a branch of a US-based content delivery network and cloud services provider—South Korea’s average broadband adoption rate reached 28.6 megabits per second in the first quarter of 2017.¹⁸ Currently, an average apartment in South Korea has 1 Gb/s internet connections installed. Realistically, this translates to about 500 Mb/s download and upload speeds more or less. Below is the actual result of an actual average South Korean apartment house.

¹⁸ “South Korea Has World’s Fastest Internet,” Inquirer.Net, (March 2017), accessed 1/16/2018, <http://technology.inquirer.net/59866/south-korea-worlds-fastest-internet>.

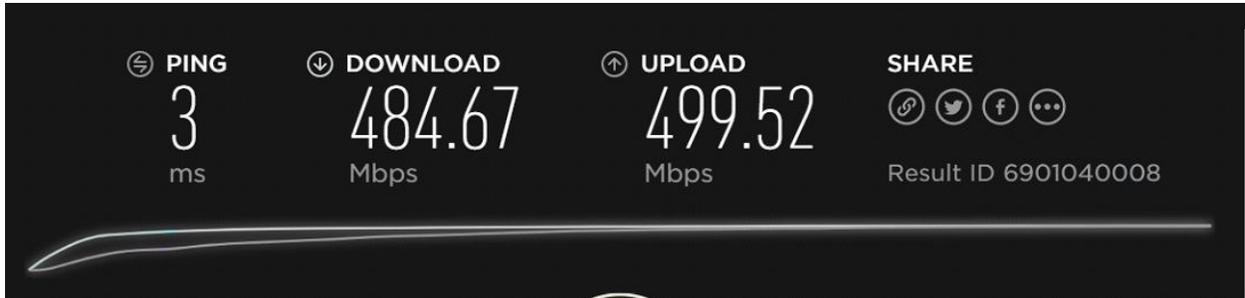


Fig. 3. Actual screenshot of the net speed test performed in a regular apartment in South Korea. The rigorously enforced, unique proof-of-reliability protocol [ref page 66] allows us to determine whether a mining node is fully qualified to support the network. Within the algorithm of proof of reliability, there are minimum requirements for speed, space, and time that a node has to possess to contribute to mining. This automatically eliminates slow underperforming nodes. There are over twenty countries that are qualified for incentivized mining, including Norway, Sweden, Hong Kong, Switzerland, Finland, Singapore, and Japan, to name a few. Global 24 Mb/s internet connection infrastructure adoption has increased a whopping 42 percent in 2017. It is also helpful to notice that in reality there is a huge number of homes with faster-than-average-speed internet infrastructure in these countries—over four million in South Korea alone. Many homes already have “peak internet” connections, of which values are verifiable by country in figure 4 below. As soon as you realize there is no need for additional infrastructure investment of any kind to allow the hyper-speed Decenternet to spread naturally across the planet, you will see why Decenternet is not a possibility, but a powerful eventuality.

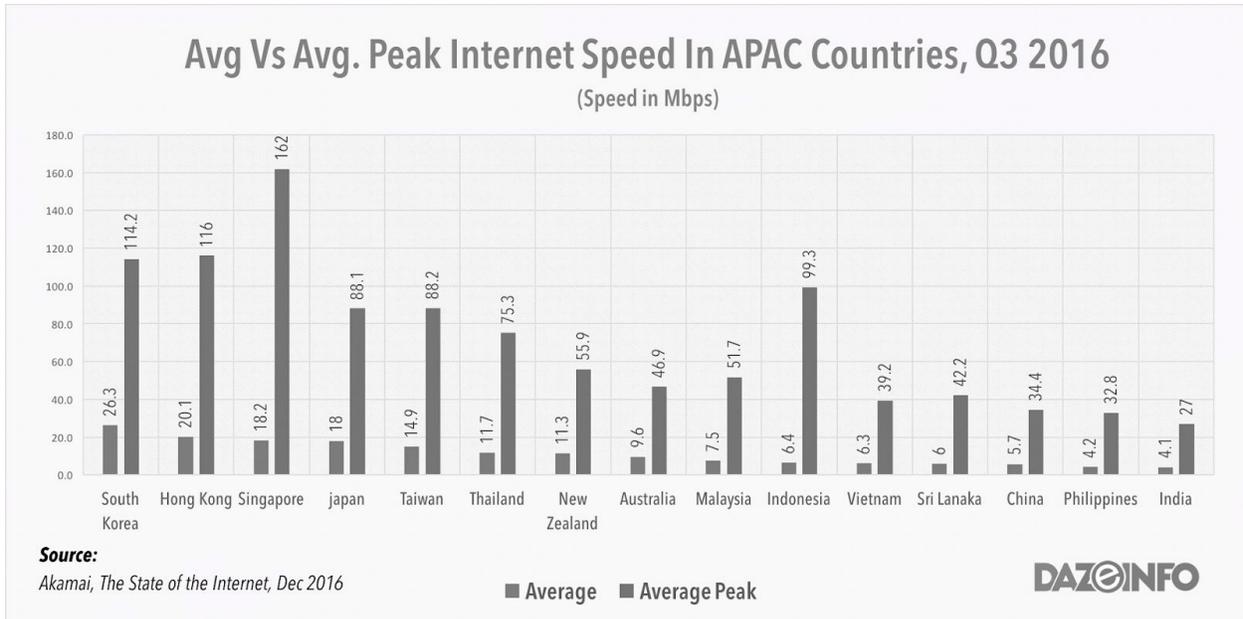


Fig. 4. Peak internet speed in APAC countries

With this current adoption rate, one can understand that gradually there will be more than enough eventual miners to store all content of the internet as new content created on the Decenternet. Decenternet is the pioneer in the market with this vision at its core design. We focus on speed, scalability, and security. There will be many “ICOs (initial coin offerings)” mimicking decentralization as cloud storage solutions. It will be helpful if the average investor educates him or herself to differentiate the cosmetic, or incomplete solutions from the Decenternet to make more confident and developmental decisions. Let us explore how much more efficient the Decenternet can be compared to the current centralized internet infrastructure. How fast could we load up a 100 MB video file in a person’s PC using the Decenternet web browser Osiris if there were four million people from South Korea sending data instead of one huge server such as Google’s Jupiter? The answer to this theoretical question could indicate how fast Decenternet websites would be compared to those of the traditional centralized internet.

A megabit (Mb) is equivalent to 0.125 megabytes (MB).

Assume the internet is running in a computer somewhere in a South Korean domestic apartment house that has a 484.67 Mbps as the above test in figure 4 shows:

Conversion of Megabit to Megabyte

$$484.67 \text{ Mbps} * 0.125 \text{ MBps} = \mathbf{60.58 \text{ MBps}}$$

$$100 \text{ MB} / 60.58 \text{ MBps} = \mathbf{1.65s}$$

to send a 100 MB video to a single computer.

For 4 million computers, that is equivalent to:

$$1.65s / 4,000,000 \text{ computers} = \mathbf{0.0000004125s}$$

For four million correspondent computers, let say they are all average computers, it will take only 0.0000004125 seconds to finish the sending of a 100MB video file from South Korea, equivalent to **242.34 terabytes per second** total bandwidth. Please keep in mind that this is a simplification of the entire infrastructure. However, even with the time consumed in the process of decrypting and assembling the data back into the Osiris browser, one can see that the numbers are strong. The following table shows the top ten countries with fastest internet service.¹⁹ The column in blue shows the number of seconds it takes to load 100 megabytes in a single computer, while the column in orange shows the number of seconds it takes to load 100 MB of data using one million computers or using Decenternet.

¹⁹ *Akamai State of the Internet*, Akamai, (2017) accessed 1/16/2018, <https://www.akamai.com/uk/en/multimedia/documents/state-of-the-internet/q1-2017-state-of-the-internet-connectivity-figures.zip>.

South Korea	28.6	3.58	27.97s	0.0000279720s
Norway	23.5	2.94	34.04s	0.0000340426s
Sweden	22.5	2.81	35.56s	0.0000355556s
Hong Kong	21.9	2.74	36.53s	0.0000365297s
Switzerland	21.7	2.71	36.87s	0.0000368664s
Finland	20.5	2.56	39.02s	0.0000390244s
Singapore	20.3	2.54	39.41s	0.0000394089s
Japan	20.2	2.53	39.60s	0.0000396040s
Denmark	20.1	2.51	39.80s	0.0000398010s
USA	18.7	2.34	42.78s	0.0000427807s

Table 5. Akamai data on top ten countries with fastest internet and estimated speed of Decenternet

To achieve this speed, the following techniques must be implemented:

1. Load balancing of nodes: asynchronous file uploads directed by fragment distribution to top nodes with high POR scores.
2. Nearest location rerouting: a node is capable of routing requester to the nearest nodes storing the data of the request client.
3. Vetting and rating: a full vetting and rating system implemented for the reputation computation and possible incentives, which forces the node to provide better service.

The following are the statistics on how fast the Google internet and server are.



Average internet speed in Europe is 12 MBps, average internet speed in the US is 10MBps, and internet speed in Google is 523MBps.²⁰ The latest generation Google Data Center network architecture called Jupiter can deliver more than 1 petabit per second or equivalent to 125 Terabytes per second of bisection bandwidth.²¹ The Jupiter has 40 gigabit ethernet connections²² or equivalent to 5.0 GBps or 0.005 TBps. It makes one hundred thousand servers to exchange information at 10 Gbps each.²³ “Faster” linking US and Japan can transmit 60 terabytes of data per second. Faster also includes an additional connection from Japan to Taiwan, which has 20 Tbps of bandwidth.²⁴

In conclusion, with four million home computers, Decenternet will have up to 242.34 terabytes per second total bandwidth in South Korea alone. It is a large feat compared to Google Jupiter’s 125 terabytes per second speed with a hundred thousand special high-end servers. There are at least twenty other countries that can comply with the current unique PoR proprietary protocol(more on page 64) created by the Decenternet code dev team. I will leave the magnitude of the hyper-speed of the Decenternet to your imagination. Do you realize this is done simply by using the current infrastructure we already have idling in people’s homes? Wrap your head around that and tell me how wonderful it is that we had the power to free ourselves all

²⁰ Brad McCarty, “How Fast Is the Internet at Google? Mind Blowing!” TNW, (March 2011), accessed 1/16/2018, <https://thenextweb.com/shareables/2011/03/29/how-fast-is-the-internet-at-google-mind-blowing/>.

²¹ Yevgeniy Sverdlik, “Custom Google Data Center Network Pushes 1 Petabit Per Second,” Data Center Knowledge, (June 2015), accessed 1/16/2018, <http://www.datacenterknowledge.com/archives/2015/06/18/custom-google-data-center-network-pushes-1-petabit-per-second>.

²² Todd Hoff, “How Google Invented an Amazing Datacenter Network Only They Could Create,” High Scalability, (Aug. 2015), accessed 1/16/2018, <http://highscalability.com/blog/2015/8/10/how-google-invented-an-amazing-datacenter-network-only-they.html>.

²³ “Counter-Terrorism and Security Bill: IP Address Matching,” Big Brother Watch, accessed 1/16/2018, <https://www.bigbrotherwatch.org.uk/wp-content/uploads/2014/11/IP-Address-Matching-Briefing1.pdf>.

²⁴ “Net Neutrality,” Wikipedia, accessed 1/16/2018, https://en.wikipedia.org/wiki/Net_neutrality.

along. I wish you could see with your heart how a tiny little change in the eye of multidimensional perspective can bring so many changes and create such a different reality.

6. Core Architecture

To achieve the state of a truly decentralized internet, components such as the web browser with cloud OS, storage, web server, SD-WAN, media servers, desktop and mobile and Domain Name System (DNS) must be decentralized to support distributed contents. Everything from storage to computing will be distributed among nodes. Osiris Web Operating System will be designed with considerations in process management, hardware protection, I/O management, memory management, decentralized file and storage management. Also, physical decentralization must be the precondition of all P2P (peer to peer) internet infrastructure. Decentralization of power and wealth can only be achieved when we declare independence from third-party big data centers who control the flow of information. The Decenternet's Osiris web OS can create a universal virtual environment for all decentralized applications. Please refer to the technical whitepaper for further clarification.

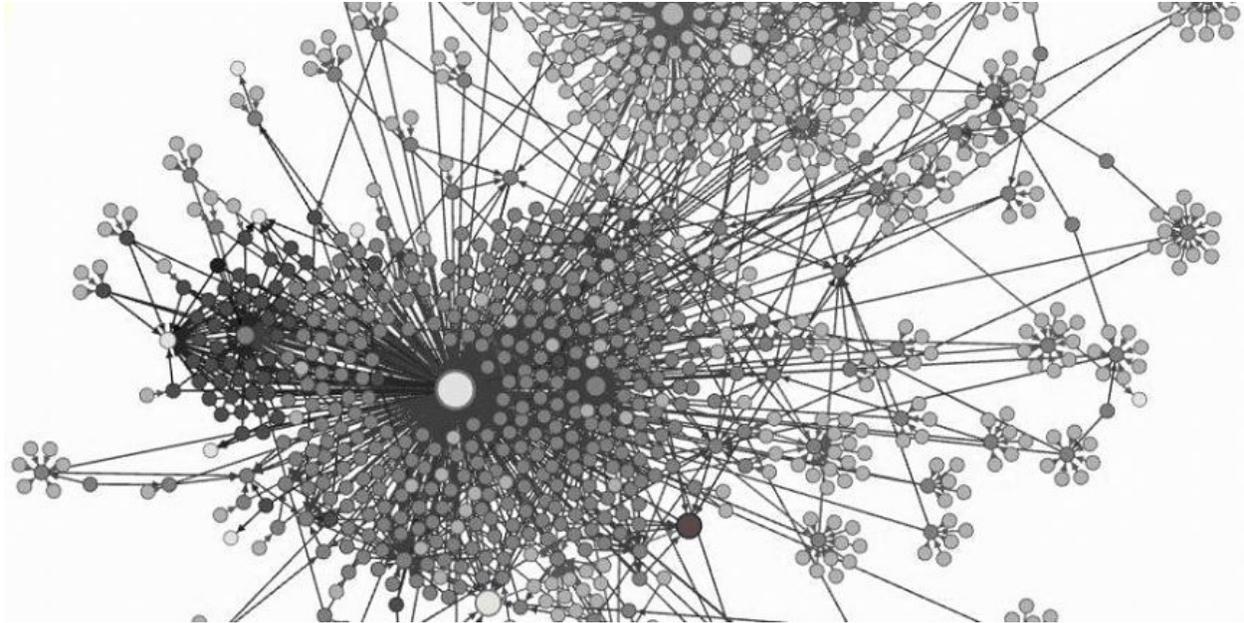
7. The Anuvys Desktop OS

Did you know that the intermediaries who owns the traditional centralized internet infrastructure know everything there is to know about you? Looking into this issue, one may say they are just collecting your data for commercial purposes. As you find out what information they claim ownership over, you may begin to see why automated mass surveillance of this kind can pose substantial risks that hands over the control over the population to the few. As you go through the following list, remember that the collection procedure of data has now been completely automated.

- They know where you are at all times.
- They know what routes you take to get to a particular place.
- They know where you usually visit.
- They know how fast you move.
- They know how long you stayed at a certain location.
- They know who, how often, how long you call.

- They hear what you say because microphones are built into every single digital device.
- They see you because cameras are on every digital device.
- They know what you like to eat, drink, and consume.
- They know what you like to see, hear, and feel.
- They know what you are interested in.
- They know what you have been talking about, typing, and communicating about.
- They know your personal tastes, tendencies, relationships, beliefs, personality, interests, and philosophy.
- They know what is in your devices.
- They know how much money you have.
- They know all of your assets and liabilities.
- They know all of your vulnerabilities.
- They know your strengths.
- They know what is in your head.
- They know who your friends and your loved ones are.
- They know what is in the heads of all of your friends and loved ones.
- They know who everybody is and what they are up to.
- Perhaps you may not know that they know you better than you know yourself.
- They know your secrets.

At this point, you and I already know that it would be too naive for someone to think that they are collecting data for marketing purposes only, wouldn't you agree? Are you absolutely 100 percent sure that all the decisions your politicians made without your consent are for your welfare, health, prosperity, and well-being? If surveillance of a single individual can be very intrusive, surveillance of the masses could hand over the control of our society on a silver platter. Notice how anyone who has access to the data of mass surveillance could actually have the power to easily monitor the current status of their population.



Above is a bird's-eye view or visual representation of the relationship that data can reveal revolving a single individual correlated with other members in order to effectively filter out potential threats.

They are already able to effectively point out automatically potential leaders among social groups effectively eliminating them even before they become a threat to their system of control. They can promote and simulate whatever agenda they would want the mass population to be driven to. They could manage the mentality, movement, quality, and quantity of the population like cattle. Obviously this is not done out in the open. Deception and camouflage is a skill these establishments mastered a long time ago. I don't know if you can see how severely mass surveillance is affecting the quality of your life. The process of degenerating your freedom happens so gradually, naturally, and slowly that most people don't even seem to notice until it is too late. What if I told you that they already have an autonomous technological surveillance system infrastructure operating twenty-four hours a day, 365 days a year? What if you found out that the best way to keep the population manageable was to slowly implement a system which gradually debases the confidence to resist oppression by keeping the general population distracted while implementing technological surveillance mechanisms? If you observe carefully you may find identification protocols installed within these operating systems, from facial recognition to location tracking. As you can see, mass surveillance is the most effective population management system. Tax farms resource management is the most profitable business there is, and they have known this since the very beginning. However, it doesn't

matter how intrusive it may sound, because a permanent solution is here and there's no need to fear. The root cause of the problem has been identified by the Decenternet vision.

What would it be like to know that decentralizing the internet won't solve the problem permanently until you realize that the operating system is the root cause of mass population control? Most blockchain solutions designed to bring more prosperity and freedom to the people can only be superficial unless we strike directly at the heart of the beast. What if I told you that the reason life is so difficult on this planet is that you are looking in the wrong places for answers? As soon as you realize that all commercial desktop and mobile OSs are built with mass surveillance in mind, you will take the first step toward truly protecting your collective freedom.



We propose an entirely new approach to this matter. Realizing that the centralized internet is not the only internet available can be a big step toward a planetary mass awakening. However, in order to truly free ourselves from the chains of enslavement that hold us from reaching our true potential, let us opt out and support a new operating system which is supported by the people, the highly incentivized spyce economy, and the Liberty SE to keep it free from dictators who disguise themselves as sheep. There's no need to protest, riot, or convince your politicians. There's no need to express any more anger and frustration toward anyone or anything any longer. The current state of mass surveillance was originated from the fear that causes the anger and frustration. Realize that no matter how aggressively you approach your politicians, they won't do your homework for you. They do not wish to be convinced by you. Now with the Decenternet vision, you can simply and completely opt out of the perpetuation of stress. Realize that the essence of blockchain technology is the ability to allow you to realize that you don't need to depend on the parasitic wolves who preyed upon your freedom and life energy any longer. Remember to just simply choose, support, help, participate, develop, and use the Decenternet instead. With the development of the Decenternet vision and its native Anuvys OS, we may finally have a choice. This day is here NOW.

Open-source Linux architecture is at the heart of the Anuvys OS. We believe that a person should not have to pay \$300 US every time he or she purchases a computer just to be able to turn it on and use it. We know that \$300 US can be put to much better use, such as upgrading the hardware. Anuvys OS is free because it has the powerful financial support of the spyce

mining operations all over the world. It is self-funded and self-sustaining because 10 percent of all mining incentives are directed toward the development, evolution, and proliferation of the Decenternet ecosystem. It is not necessary to realize that the Anuvys OS is critically important to protect yourself on the web, until you see its true potential. If you wish to gain access to the Decenternet without using the Anuvys OS, you still can by just using the Osiris browser on Windows, Mac OS, or Android. However, it may be useful to remember that the Anuvys OS can multi-boot by default. This means that there's no need to stop using your traditional surveillance OS suddenly. It will remain intact if you wish it to. For instance, you may continue to use Windows for gaming and Anuvys OS for all other purposes. Please refer to the technical white paper for more details on the Anuvys OS.

8. The Hermes Mobile OS

Android and iOS conquered the market for mobile operating systems for the past few years thanks to their high-level compatibility and good support on mobile applications. However, neither of these OSs was designed for a decentralized web environment such as the Decenternet. Security for the people is weak while surveillance mechanisms are at their maximum capacity. There's no default mechanism to support an economy where common people are the ones who benefit. Thus a new mobile operating system must be developed. With the annual 40 percent increase in average internet speed of the planet, spyce mining profitability is speculated to rise, and the proliferation of the spyce economy can be anticipated. As the mining activity spreads across the planet, the Decenternet governance allows the funding and development of a mobile OS that naturally supports the Decenternet infrastructure. The development of the Hermes mobile OS is scheduled to begin in Q2 of 2021. Hermes is an open-source mobile OS that aims to support the establishment of a mobile application development ecosystem that is transparent, secure, and promotes an all inclusive crypto economy. Please refer to the technical white paper for more details.

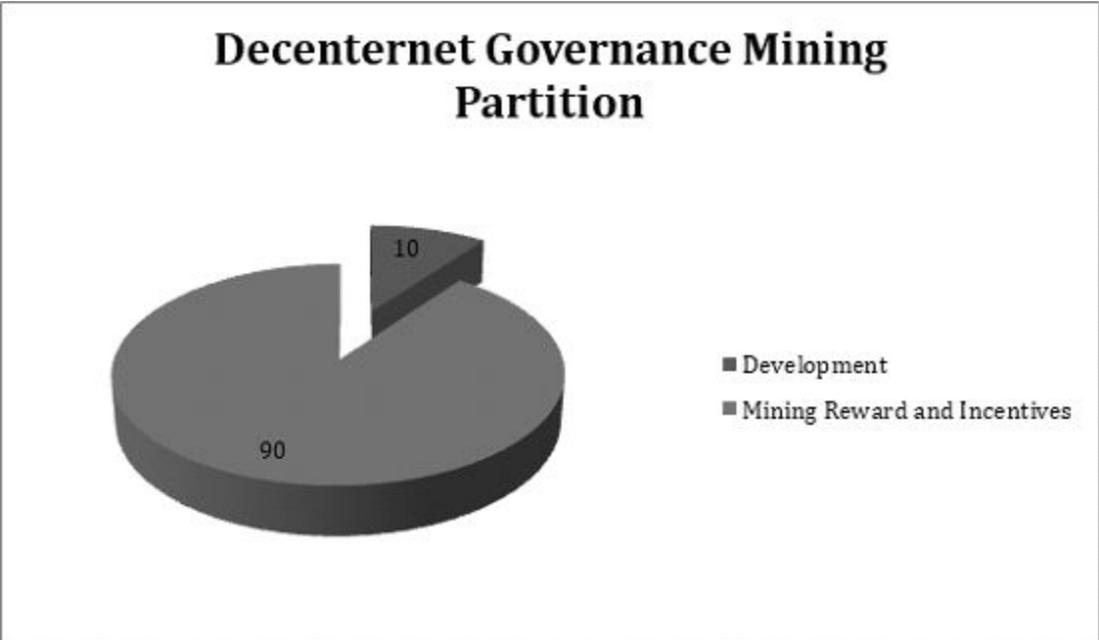
9. The Decenternet Governance Model

It is not difficult to know that a blockchain solution can only be successful if a proper governance model is set in motion. The sad reality is that people invest their money in many of these new

blockchain solutions that do not even have a proper model of governance. When observing the price action of Bitcoin closely, it is not difficult to see that Jihan Wu easily manipulates the level of volatility even on a day-to-day basis sometimes, but not always. Centralization of mining is a real threat to the longevity of a cryptocurrency. Realize that there's no other way to sugarcoat this. Some say Dash has a similar problem because centralization of power is reserved only for a very small group of individuals who own the vast majority of masternodes. Moreover, it is important to remember that most solutions just fade away due to lack of proper funding, leadership, participation, and community support. We should all realize these are non-negotiable essential components for the health of a cryptocurrency ecosystem. That is why we adopted a governance model where the decision-making authority is divided equally among all forms of contributors, such as the core development team, spyce holders, miners, users, and third-party developers. These five core groups of contributors will always have 20 percent of the voting rights each at all times. It doesn't matter how much spyce currency you hold; the voting influence of all spyce holders will never exceed 20 percent. As you process that information, you may soon begin to realize that this simple arrangement may have profound implications on how the spyce economy works. Being rich does not guarantee automatic political power in the spyce economy. The same goes for all the other groups of contributors. Just because you have a high POR score doesn't automatically make you a dictator in the mining industry. The proportion of importance between an active user and a stakeholder can be balanced out evenly during the development phase and beyond. This type of arrangement sets up a self-correction mechanism within the protocol for allocation of authority preventing centralization of power. Within this environment, developers can be financially supported throughout all the essential development phases and maintenance of the Decenternet body. The Decenternet applies a decentralized voting mechanism and budgeting system for miners in order to push new developmental agendas and features on the Decenternet core.

When a challenge arises, all the participants of the Decenternet ecosystem have the right to vote on which action should be taken, how much budget must be allocated, and the time required to complete the proposed task. A subtask is a subset of a bigger task. It is the basic unit where a developer gets compensated upon its completion. *Mining incentive* is the spyce payment the miner receives after providing a particular service like storage, hosting service, or DNS registration. *Mining reward*, on the other hand, is the generated spyce, added to the Decenternet blockchain. Upon reaching consensus, the budgeting system will then autonomously start the collection of funds from the global spyce mining activity. Of all spyce

mined and earned globally, 10 percent will go to the budgeting system while the other 90 percent of mining rewarded and earned will go to miners. The development will start upon full collection of the proposed budget. Furthermore, the miner will go back to receiving the 100 percent mining rewards and incentives after the proposed budget has been collected. This budgeting system guarantees the natural proliferation and acceleration of the Decenternet protocol across the globe. There will be no limits as to how many tasks will be proposed and developed as long as the network of the governing body agrees to those tasks. spyce bounties are given to any users, nodes, developers, or miners whenever their proposed idea has been selected for Decenternet development.



10. Project Liberati

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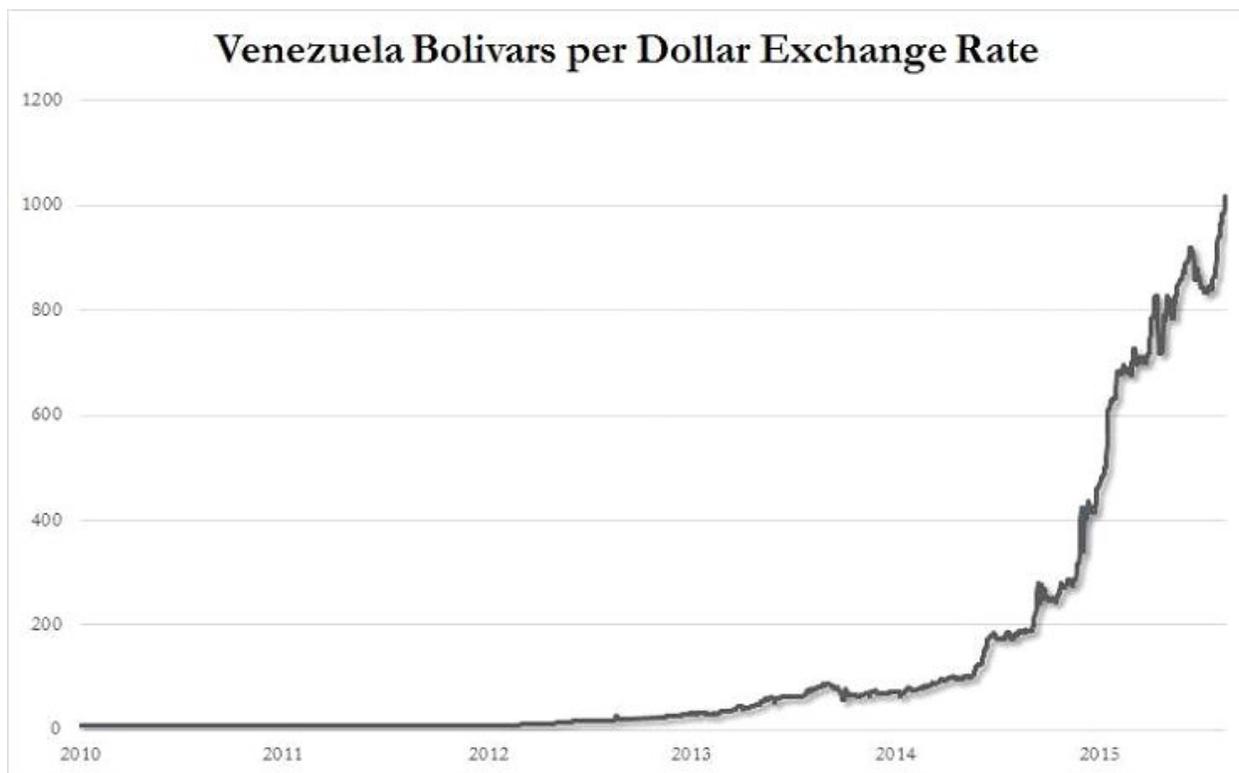
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If you have seen the message encrypted in the genesis block by Satoshi Nakamoto, you may realize that global financial instability was one of the major driving factors behind the development of Bitcoin. Massive bailouts coupled with quantitative easing are enough to gradually pressure the average citizen who still blame their own negligence and lack of motivation for losing their jobs. What if I told you that the reason why there's so much financial difficulty is not because of anything you have caused? What if I told you that reading books on motivation won't solve this one until you open your eyes to a new degree of responsibility regarding the current economic dynamics. Have you ever been in a situation where nothing seems to work until you finally get it to work just to realize that the solution was right in front of you the whole time but you couldn't see it because your mind was not adjusted to that level of sensitivity or was not open enough to spot the answer?

Do you realize that people in some developed countries have opened their eyes and experienced the demise of fiat currency already? The abuse of centralized fiscal power and cheap manipulation of currency to achieve short-term economic goals have brought suffering and injustice into their societies. People have much less purchasing power while their salaries remain the same for many years. They work harder than ever yet, the quality of life doesn't seem to improve. In these countries, life seems fun and colorful on SNS and TV but, people lose their jobs, pensions, healthcare, crime rates rise, and suffering is maximized. Normal citizens are too busy putting food on the table to monitor the ones who control the money supply while the ones with power have all the infrastructure necessary to control and monitor the poor and the weak. This will not be tolerated from this moment on.

Countries like Venezuela experienced a 4000% inflation rate in 2017. There are more than 50 countries with inflation rates above of what the Feds call "acceptable" levels. After you take a moment to process this information, ask yourself, what is the most fundamental role of a crypto economy for the financial wellbeing of Earth and its inhabitants? You don't need to fully accept the idea that cryptocurrencies absorb inflation and turn it into trust and economic value until you have some degree of confidence on the technology. Regardless, it defies all major economic

philosophies that govern fiat. No matter how bearish bitcoin may seem to be, in Venezuela, it has proven to be not only the most appreciating currency but also a valuable resource.



Enlightened by this case scenario, we have decided to set aside 1 little grain of spyce for each Venezuelan citizen from the city of Caracas until year 2025 and release them as a donation for the public. For humanitarian and academic purposes, we have decided to document, study and share data with the world collected from this experiment. If the value of spyce depreciates, the world will know. If the value of spyce appreciates, it will be the first currency designed to save corrupt countries without violence and war. A total of 5.5 million grains of spyce is estimated to be released to the population of Caracas through a KYC certification protocol. The basic idea behind is to prove the hypothesis that a cryptocurrency with a high intrinsic value can outperform all forms of exchange of value.

We believe with unflinching confidence that the Earthian people are ready to accept a currency that is managed by the people themselves in conjunction with the transparency of libertarian technological solutions. Why should a centralized group of few professional actors who don't even represent the best interests of the people have the total power over the way money works? Imagine a world where you don't need to hand over the power over the purchasing power of currency and the control of the internet to a centralized 3rd party. Because of

alternative blockchain based technologies such as the Decenternet exists, there's no need to give up your liberty as a human being on a silver platter to a stranger. The more you realize this, the stronger this vision becomes. Consciously, there's no need for everyone to agree with this vision while subconsciously, realize that a 5% planetary awakening will create a domino effect triggering a mass scale conscious realization event. You don't have to force anything for this vision to turn into reality. Remember that the Decenternet Vision is a master plan for you to reclaim control over your mental, financial, physical liberty because everything we need is already inside you.

DECENTERNET LEADERSHIP

With humility and an everlasting craving for the search and implementation of better solutions, we embrace future challenges as it can only make our vision a more concrete reality. We welcome and appreciate contributors from all forms of contribution possible, from your programming insights to the tiniest little comments on our forums. Remember that as long as our mentality is based on confidence instead of fear, we will prevail. As we progress through uncharted territories, there can be many upgrades, updates, and implementations of sub-solutions to the Decenternet TrustNet protocol from many different future perspectives, as the nature of the universe is subjective. The only unchangeable idea that the Decenternet core team fully devotes itself to is the benevolent leadership within the Decenternet design, which is nothing but a mirror reflection of the infinite human strength of character the universe is yet to witness. A challenge becomes a challenge the moment the human mind defines it as a challenge. We choose to define it as a wonderful adventure filled with a never-ending supply of unimaginable bounties.

Sean Kim

Founder of the Decenternet

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