



# Savant

This white paper presents the plan for implementing Savant, a global intelligent economy for the emerging “decentralized” Web, launched by Savant and managed by the people of the world. Savant is a viable alternative to today’s exploitive Internet services, bringing digital commerce, global resource access, hyper-connectivity, engagement and empowerment to the masses in a new, positive way. Savant empowers individuals at the grass roots level, tackling several fundamental issues: our loss of privacy and freedom, censorship of our thoughts, control of personal data, restricted access to the world’s knowledge and information, and disproportionate ownership and control of global wealth and resources. Driven by the Savant token, Savant will be a non-profit intelligent (AI-driven) economic platform and marketplace. It will open a doorway of opportunity to those with the good fortune to live where there is opportunity as well as the disenfranchised and “unbanked.”

Savant is a movement and model for a global open-source collective intelligence economic network and market that leverages a mix of open data access and a vast number of human beings who are able to operate in all languages, all the time. This network is capable of doing what no other network - and certainly no government or corporation - can aspire to: tell the truth, the whole truth, all of the time, rooted in transparency and building trust - this is the alchemy of the twenty-first century: share information, earn trust. And with that alchemy can come prosperity.

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# Abstract

***Savant is a fully self-sustaining, token-driven digital economy and collective intelligence network created to empower individuals in a global context. Our objective is to democratize individual global access to resources, opportunities and experiences, thereby leveling the playing field for the masses and empowering their actions.***

***The Savant network and operating system has been created to facilitate and support the objectives of our proprietary Savant token. Savant is a decentralized, distributed AI platform that serves as the backbone for intelligent commerce support services, a collective intelligence collaborative network, a global commerce market, a coin-based digital currency and economy, and the participation of third-party dAPP providers. The Savant operating system and network delivers enhanced personalized financial services governed by user priorities and specifications. All experiences and transactions are recorded on Savant's decentralized smart contract blockchain.***

***Savant provides AI-driven intelligent performance support (IPS) and lifestyle experiences using autonomous agents (personalized intelligent avatars, or "ORBs") operating in a distributed multi-agent environment that maximizes the potential of the Savant token. The ORBs are autonomous, intelligent, high-capability service providers focused on user priorities, enabling ORB holders to benefit from key emerging empowerment technologies such as AI, blockchain and cryptocurrencies. ORBs may act both individually and collectively to attain user objectives. Their primary responsibility is to maximize Savant token opportunity as well as to mentor and guide users to positive outcomes and experiences, to democratize access to opportunity and resources, and to enhance personal empowerment and achievement.***

***Savant offers our users unlimited access to mass knowledge and strategic intelligence. Savant's collective intelligence network supports the creation, maintenance and operation of a distributed blockchain World Brain - the Savant World Brain, a virtual repository of collective intelligence that emanates from the combined participation of all intelligent ORBs operating on its distributed platform. The Savant World Brain provides enhanced, value-added performance support for all members of the Savant ecosystem.***

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# Introduction

There is a lot going on in our world, and not all of it is good. Much of it has to do with the Internet, the activities and digital economy it has spawned and the lifestyle it has cast upon us. Let's be very clear - the digital world has brought manifold benefits, in choices and chances, in efficiency and efficacy. But today's digital economy does not work for everyone. We are on an uneven playing field where access to the game is controlled, the big guys are winning, and the average person is finding it increasingly difficult to compete and hold on to basic rights.

This is because the current Digital Age system is controlled by powerful self-interests, the government, and Silicon Valley giants such as Google and Facebook that limit our options and our access to the world's resources, creating a dynamic that assures our efforts inure to their benefit and exploitation. Over the past few decades, we have seen severe bi-polarization of wealth that has fostered a two-tiered society where the benefits of the Digital Age are asymmetrical and wealth creation does not lead to prosperity for all.

We have become enslaved by those who hold us captive, the Internet is broken, and what we have now is a big disconnect. All of this does not bode well for us. Humanity is close to an apocalyptic moment - a coming crisis. Serious change is in order or we are going to be swept away by our technology and the people who control it and us. The simple matter is we have to find a way to deal with Silicon Valley and the current Internet. We cannot count on our politicians to reign them in. Nor can we trust these entities to be self-regulating. What we can count on is that they are going to continue to act to their benefit.

The new digital economy has ushered in a time where wealth is further concentrated, basic privacy rights are vanishing, the pernicious effects of social media are showing themselves and a spiral of violence and repression undermine basic security and freedom. The new digital media is changing the ways we do business, work, learn, play, and even think. The social media giants - Facebook, Google, Twitter, and others - are telling us what we can say and do, and it is raising serious issues regarding censorship and the suppression of basic human rights.

It shouldn't surprise us that there are problems with provenance and opportunities for bad people to damage democracies. To be certain, the day of reckoning is coming. While no one wants the reckoning to be a wrecking ball, the digital debris trail is already rather long. Any solution must seriously consider the fine lines between engagement and addiction, between repurposing and piracy and pillage, between belonging and bullying, between identity and insecurity, all of which are magnified digitally. So who will ultimately be the cyber Solomon, ensuring that the digital ecosystem develops to its undoubted potential? One certain outcome will be less dominance by a few players whose reach across horizontals and deep into verticals is a fundamental contradiction, whether in content or in commerce.

## About Savant

Savant has been created to solve the issues plaguing us today. We can empower people as economic actors by creating an engine of inclusion, a platform for unfettered access to the world's goods and services and participation in global commerce. The possibility exists to create an open world where billions of excluded people can participate in the global economy and share in its largesse. It is possible to foster an economy that works for everyone with an engine of inclusion

and that catalyzes distributed capitalism. We can liberate financial services from the confines of old institutions, fostering competition and innovation. And we can ensure that people can not only become connected, but more important, become included in financial activity, able to purchase, borrow, sell, and otherwise have a chance at building a prosperous life.

It also is possible to rebuild the trust we have lost in our system and institutions by building a platform, a distributed trust network, for everyone to know what is true. We can create a new protocol, a foundation of trusted collaboration that reinforces integrity, honesty, consideration, accountability and transparency. Finally, we can deploy AI to create more intelligent algorithms - what are called “human networks” - so that we can much more efficiently connect people to all the opportunities that exist, all the skills we need, and all the educational opportunities to acquire those skills cheaply and easily. But this cannot be accomplished in the context of today’s Internet. We need a whole new Internet - the Internet is not designed to protect or empower the public and it is not designed to achieve direct democracy. We are talking about an Internet where you own your own information and your information is encrypted and you decide who accesses it. We are also talking about something that goes to direct democracy. It will give us the kind of personal empowerment and multi-million person access we deserve. And it will bring us new ways to deal with those who now control us.

Savant will be a non-profit digital economic platform and marketplace empowered by our proprietary Savant token and operated by the people of the world. It will open a doorway of opportunity to those of us with the good fortune to live where there is opportunity as well as the disenfranchised and “unbanked.” Savant is a movement and model for a global open-source collective intelligence network and market that leverages a mix of open data access and a vast number of human beings who are able to operate in all languages, all the time. This network is capable of doing what no other network - and certainly no government or corporation - can aspire to: tell the truth, the whole truth, all of the time, rooted in transparency and building trust - this is the alchemy of the twenty-first century: share information, earn trust. And with that alchemy can come prosperity. At the end of the day, Savant will be successful if we are able to deliver a new form of lifestyle and commerce for people everywhere. This must include:

- 1. Access to Opportunity.** Serve as a doorway for the masses, a means of entry for the disenfranchised and disempowered. Place the world’s opportunity and resources in the hands of the common man. Combine a highly intuitive knowledge of the user with powerful new capabilities such as access to global resources and knowledge.
- 2. Empowerment.** Provide the tools that enable personal success and achievement such as semantic search and co-intelligent, collective collaboration. Create a co-creation platform that enables conscious collaborative co-creation and the process of conscious design. Serve as a vehicle for unparalleled outreach and discovery, for unprecedented advancement and achievement. Become a wellspring for creativity and innovation, energizing personal achievement and empowerment. Facilitate the process of self-actualization. Translate collective participation into heightened individual empowerment. Establish a context where we can realize who we are both individually and collectively without having to sacrifice what defines us.
- 3. Engagement.** Establish the context for global collective engagement, collaboration, and ad-hoc group involvement. Foster unfettered, collective engagement on a global level by establishing an open source collaborative platform and ecosystem facilitated by ‘intelligent’ technologies. Provide free thinkers with a new, decentralized “starter” social networking platform that draws people together as it empowers the individual.

4. **Personal Rights.** Build a sanctuary, or haven, from interference from corporate and government elite. Safeguard our rights of ownership.
5. **Applied Collective Knowledge.** Create an on-demand repository for both individual and collective (universal) cognition available to all. Build and access collective knowledge and co-intelligence. Access and leverage a “world brain” that people can utilize as part of a global innovation ecosystem with global knowledge access. Use co-intelligence for fortuitous information discovery.

Each of these will play an important role in the Savant experience. For Savant to have a more positive influence on our future, it must be found useful at the grass roots level where goal-oriented individuals can perceive its application for the common good. Only those individuals who have made some effort to understand it as a personal experience will be in a position to comprehend more freely its potential. They are the advanced thinkers who will define the boundaries of humanity and consciousness.

## **Vision / Objectives**

Our vision is to establish a true, global marketplace and intelligent economic platform that offers the same opportunity and accessibility to the common man that is afforded to the privileged and elite. The central component of the Savant digital economy will be the Savant coin. To facilitate its vision Savant will establish a virtual, platform and network linked through collective intelligence that democratizes access and participation in global opportunities and resources, facilitates trust, and empowers the masses. Savant’s primary objectives are to:

- Offer solutions that move us away from the factors that limit us today.
- Make access to beneficial wealth and resources available to everyone.
- Create the opportunity and context for personal achievement and growth.

## **The Savant Global Intelligent Economy**

Savant is an economic platform that will be operated by the people of the world. They will participate in and oversee key aspects of its economy. Savant’s digital economy will function independently of all other economies and will be self-sustaining. It will interface with and accommodate other economies and today’s Internet services as required to support the needs and interests of our users. Savant users will have access to a digital economy and ecosystem with all the attributes and most of the conventions of traditional brick-and-mortar community economies. Savant will function as a full-service, freestanding economy that features identifying and purchasing goods and services as well as financial services. The primary currency will be the Savant coin, or token. All users will be encouraged to use the coin as they pursue their commerce in order to facilitate liquidity of the currency and to enhance the coin’s utility and value.

Members of the Savant community will be able to engage in digital commerce transactions, either directly or via their personal ORB. Savant ORBs will have the ability to perform a wide range of financial services as they serve as the user’s proxy. Users may employ their ORB to initiate and consummate market transactions, serving their interests from the inception of the transaction to its completion. The Savant economy will use the “trust-less” features of the Savant blockchain to create confidence and trust. This, combined with the primary use of cryptocurrency instead of fiat

currency, will eliminate the need for third-party intermediaries such as banks and PayPal. All transactions will be instantaneous and immediately verifiable. This is an extremely important feature, especially for those Savant users who are the “unbanked.” They will enjoy many of the financial services and capabilities that heretofore have only been available to those of us who have been fortunate enough to live where there is greater opportunity.

## **Business / Revenue Model**

Savant’s business model is to operate a global self-sustaining, revenue-generating platform driven primarily by recurring revenue from buy/sell commerce transactions. Savant will support international consume-to-consumer, business to consumer, and business-to-business commerce. Savant functions as a freestanding economy and ecosystem, a global virtual marketplace that makes goods and services available to Savant users and is driven by the Savant token. All retail purchases made in the marketplace are subject to a processing, or transaction, fee of 2%. A discount of 1% is offered for purchases made using Savant tokens. A second primary source of revenue is the Savant dApp Store. Like Apple’s App Store, Savant’s dApp Store merchandises third-party-produced distributed software applications (dAPP’s) to Savant users. The dApp products offer value-added functionality for the products and services offered on Savant’s operating system and platform. Savant receives 15% of dAPP store sales. A discount is offered on all purchases made using Savant tokens. We will support various services related to the movement, custodianship, and leveraging of digital currency.

## **The Market**

Savant’s aim is to drive global e-commerce with our Savant coin (token) and economic platform targeting the general population. With Savant, the opportunity exists to:

1. Establish a viable context for those previously “un-bankable” (as well as the general population) to benefit from the global marketplace. They will be able to access our coin and economic platform with their smartphone and a free crypto wallet.
2. Give them a platform where they can effectively launch their products, projects, initiatives and service. In other words, become entrepreneurs.
3. Help them identify and acquire previously unobtainable resources (i.e., money, people) in a global context.

Establishment of our platform and financial ecosystem can be accomplished incrementally leveraging high-potential vertical markets with low barriers to entry. We are in the process of identifying high-potential verticals that will benefit by the use of our Savant coin.

## **Value Proposition / Key Differentiators**

Users of the Savant economic platform may benefit in numerous ways. Among these, Savant:

1. Opens the door to entirely new economic opportunity and solutions, especially for the non-banked and disadvantaged.
2. Brings the world to every individual on the planet who owns a smart phone, helping to “level the playing field” in terms of accessibility.

3. Takes us out of the hands of those centralized agencies and corporations that currently control our lives.
4. Brings freedom and opportunity that comes with open-source democracy.
5. Gives all of us an avenue to elevate our approach and perspective to life; increases our chance for effective economic outcomes.

Savant creates the context for:

1. Global Commerce. Establishes a platform and connectivity for the economic disadvantaged.
2. Action. Creates positive synergy. Draws people together to take action; mobilizes the masses.
3. Access. Global search, knowledge acquisition; the world's resources; global marketplace.
4. Connectivity. Global, peer-to-peer connectivity, collaboration and engagement; fosters purpose-driven social engagement.
5. Equity. A level playing field; democratic participation; equitable resource sharing.
6. Truth. Champion integrity, transparency, honesty; authentic behavior.
7. Power. Fosters personal empowerment via enhanced enterprise and personal achievement; self expression and governance.

## Perils of the Digital Age

We now have new problems to worry about as the sins of the past weigh upon us. Over the past few decades we have seen severe bi-polarization of wealth that has fostered a two-tiered society where the benefits of the Digital Age are asymmetrical and wealth creation does not lead to prosperity for all. When the Internet was created it was hailed as “the great democratizer”, a powerful new avenue with the potential to empower all. However, while the Internet has delivered on its promise in many ways, it has missed the mark with its goal to empower the masses via equal access to global information and resources. This is because the current Digital Age system is controlled by powerful self interests, the government, and Silicon Valley giants such as Google and Facebook that limit our options and our access to the world's resources, creating a dynamic that assures our efforts inure to their benefit and exploitation.

## Not the Web We Wanted

The World Wide Web is celebrating its 30th anniversary. When the Web was invented it opened the way to a technological revolution that has transformed the way people buy goods, share ideas, get information and much more. It's also become a place where tech titans scoop up personal data, rival governments spy and seek to scuttle elections, and hate speech and vitriol have thrived — taking the Web far from its roots as a space for progress-oriented minds to collaborate. As of late 2018, half of the world was online, with the other half often struggling to secure access.

In a letter published marking the Web's 30th anniversary, Tim Berners-Lee, founder of the Internet, said he understands concerns that the Internet is no longer a “force for good.” At the ripe old age of 30 and with half the globe using it, the World Wide Web is facing growing pains with issues like hate speech, privacy concerns and state-sponsored hacking, its creator says, trumpeting a call to make

it better for humanity. "You should have complete control of your data. It's not oil. It's not a commodity," he told a small group of journalists. When it comes to personal data, "you should not be able to sell it for money," he said, "because it's a right." Berners-Lee described a frightening future if we do not rise to the challenge of privacy protection. "There is a possible future you can imagine (in which) your browser keeps track of everything that you buy," he said. In this scenario, "your browser actually has more information than Amazon does", he said, warning against complacency in expecting no harm will come from this loss of control over one's own data. "We shouldn't assume that the world is going to stay like it is," he said. "People need to do more to protect themselves and their data and not to simply expect that governments will look out for their best interests," he argued.

"The challenges come from the same things that make it (the Web) wonderful, and that's the difficulty," said conference panelist Zeynep Tufekci, an associate professor at the University of North Carolina's School of Information and Library Science. "The openness is wonderful, the connectivity is wonderful, the fact that it was created as a network for academics who are kind of into trusting each other..." she said. **Now with the Web**, "there's an enormous amount of centralization going on, with a few big players becoming gatekeepers. Those few big players have built, basically, surveillance machines," she said. "It's based on surveillance profiling us and then targeting us for ads — which wasn't the original idea at all." We should not take the warnings of Berners-Lee and Tufekci lightly. Bias on the Internet, censorship, violation of free speech, and theft of our data are all a reality. There is a push for us to surrender who we are and how we define ourselves. Now we are at risk of our individual freedom and autonomy. Our blind trust has fostered total dependence. We have no ownership, no control, and are victims of a system that is dangerously gaining power and domination over our lives.

## Ownership of Wealth and Resources

Unequal access to wealth and resources is a major issue that limits our empowerment. We need to remove the barriers to entry and change the rules of the game. The same entities that prevent us from accessing and participating in global activities hold a disproportionate share of our global wealth and resources. Dangerous divides between the "haves" and the "have not's" are expanding, resulting in depersonalization, lost opportunity, resentment and an increasing possibility for conflict. The world's largest technology companies - Google, Facebook, Amazon, Microsoft and Apple - have assimilated enormous concentrations of wealth and data, drawing the attention of economists and academia who warn they are becoming too powerful. This is leading to populist calls for redistribution of the increasingly concentrated wealth of Silicon Valley, as the gap between tech capital and human capital grows ever-wider. People are increasingly distrustful of their power because:

1. Central authorities control the key aspects of our lives.
2. Unnecessary intermediaries profit from our transactions.
3. Those controlling financial systems operate behind closed walls.
4. People are disenfranchised as economic actors - they are not included in financial activity (unable to purchase, borrow and sell).
5. "Creators" are not properly compensated for the value they create.

6. Would-be entrepreneurs encounter unnecessary barriers to entry.
7. Social engagement is limited to walled communities that limit who we can engage, what we can do and what we can say.

This situation is not only immoral, it is creating a massive powder keg. We are seeing structural elimination of entire labor markets. Arguably, structural unemployment will be the biggest public policy issue for decades. Technology is destroying more jobs than it is creating. How will we manage the transition to new types of work and a new knowledge base for the economy?

## **Trading Privacy for Revenue**

People are uneasy, and for good reason. We have lost trust in our system and its institutions - we feel increasingly vulnerable and insecure as the institutions we are asked to trust fail us by mismanaging our data and financial resources. Another key issue is control of our personal rights and the disclosure of activity and information. We can no longer control how we are perceived in the world or what is being said about us. This is handled by the same entities we distrust. Our identities are forged by unseen and unknown entities who characterize us and our identities as they wish.

Prof. Shoshana Zuboff, a leading expert in the field of business administration in information technology settings since the 1980s, coined the idea of “surveillance capitalism” (in the April 2015 edition of the Journal of Information Technology) to describe an emerging phenomenon – the observation and recording of as much personal data as possible to create highly effective targeted advertisements. The interest is in simply extracting as much value as possible from society with very little regard for the damage caused, which Zuboff sees as extending to the undermining of democratic norms. Google is one of the best and oldest examples of surveillance capitalism in action. Their ostensibly “free” services, like Search and Gmail, have always been monetized by the data they collect from users. Same story with Facebook. These systems are opaque at best for the end user. You can never be entirely sure exactly what or how much data they’re collecting, how detailed a personal profile they’re building on you, what it is being used for or whose hands it is passing through. Thus the “surveillance” aspect – it’s as if you have hidden cameras recording you all the time as you move about virtual space.

The purpose of all this is ostensibly nothing more sinister than advertising. The deeper a marketing company can get inside your head, the more effectively they can advertise to you. The lack of regard for personal privacy and fair disclosure in this process has always been troubling, but most of the tech companies that have surveillance capitalism as their central revenue model are simply concerned with making money by selling things in the most ruthlessly efficient way possible. While surveillance capitalism for marketing purposes is creepy, it becomes truly dangerous when these tools and database assets wind up in the hands of political actors with bad intentions. Tech has traditionally been thought of as an industry that people voluntarily participate in, but the negative applications of the social capitalist approach (particularly political unrest and authoritarian support) are demonstrating that tech practices impact the social fundamentals of human rights and government institutions.

## **Controlling Our Actions**

What a strange time we live in when technology companies in Silicon Valley feel that it is their moral imperative to curate content for the “good of the user.” The authoritarian big-brother-knows-best leaders in technology are scrambling to tackle what they have labeled “fake news” in an effort to stop the rise of populism and cultural enlightenment that is happening worldwide. The new online world raises curious new questions about freedom of expression, as we are in a new world where private corporations can effectively block certain views from being expressed to a large audience without any government involvement. Companies such as Google and Facebook who are normally fiercely competitive, often poaching each other’s top exec’s and racing to beat another to the latest tech trend, are now working in unison to combat “fake news.” This is no coincidence.

## **Lost: Freedom of Mind**

Social media companies are inducing people to give up their autonomy. Facebook and Google have become advertising behemoths, controlling more than half of Internet ad revenue. To maintain their dominance, they need to expand their networks and increase their share of user attention. Currently they do this by providing users with a convenient platform. The more time users spend on the platform the more valuable they become to the companies. One of the critical problems these networks cause is their ability to influence how people think and behave, often without them being aware of it. The power to shape people’s attention is increasingly concentrated in the hands of a few companies. The impact on human attention in the digital age is very harmful and may be irreversible. It takes a real effort to assert and defend what John Stuart Mill called “the freedom of mind.” There is a possibility that, once it’s lost, people who grow up in the digital age will have difficulty regaining it.

## **The New Censorship**

Social media giants have implemented measures against “false news.” Facebook has altered its algorithms to reduce the visibility of certain news stories. Facebook also announced some major changes to their “Trending Topics” product to “Better Reflect Real News.” This announcement comes not even 24 hours after Google announced that they banned 200 publishers since the company passed a new policy against fake news. Google has yet to list the 200 publishers that have been banned. The global reach of the Internet is a powerful platform that users can use to amplify their message. Now, Twitter is attempting to rip away the Internet megaphone. Twitter has banned the Russian-funded media outlets RT and Sputnik from advertising on the platform. As a private company, Twitter is not obligated to provide a forum for anyone. The law prohibits the government from limiting speech, but companies like Twitter make their own rules. What has made Twitter vulnerable to public criticism is the lack of transparency with which it suspends accounts, fueling perception in some quarters that Twitter - which used to describe itself as “the free speech wing of the free speech party” - is arbitrarily stifling speech.

Uncensored content is critical in the delivery of news, information and facts at a very large scale - especially in the digital age where attention spans are attenuated. We believe users are inherently smart and have the individual response and capacity to decide what is “fake news” and what is not. Silicon Valley’s path toward authoritarian censorship portrayed as a “white knight” coming to save the masses from “fake news” will inevitably lead to their downfall.

## **Limiting Opportunity**

Technology companies have found that tracking user habits enables the creation of an online universe where you only (mostly) see what you would like to see, essentially determining what Internet users are exposed to and the choices they subsequently make. Internet applications control access to global opportunity through the search services they provide. At its advent the Internet was seen as the Great Equalizer - globally, all users ostensibly had access to the same content. The amount of content available, however, is vast and websites like Facebook, Netflix and Google are overwhelmed by it. Now we are developing an Internet that is no longer worldwide, but is completely personalized. It is called "The Internet of Me." The problem is not with the personalized information we are receiving, but what is being left out. A common critique is that Google and Facebook search algorithms are only showing web searchers content that reinforces their current perspective without giving them the opportunity to be aware of and consider other options.

The troubling implication of unavoidably tailored search is that it is very hard for people to watch or consume something that has not in some sense been tailored for them. The echo chamber is clearly harmful to the public awareness of important issues, as it actually limits who can discover information about certain current events. In particular, this is troublesome because we are unable to tell when we are caught up in the phenomenon, which means that we can never know exactly what we may be missing. It can be said that we "do not know what we do not know." However, what we do know is that we are only being shown a small portion of the "big picture" by those we depend on - the largest players in Silicon Valley. And we are paying the price - our inability to see what is going on in the rest of the world prevents us from benefitting from the numerous opportunities it affords.

By narrowing our field of reference to what we want to be experiencing we are only being exposed to information that is relevant, thereby making what we are seeing the only information that we feel is relevant. Customized content is the new way of exposing users to the whole Internet through their own experience, habits, and interests, using information that users are often not conscious of. We need a viable alternative that brings a view of all available knowledge, information and resources in the global context, one that provides an avenue for accessing and securing any and all things that are to our benefit and in our personal interest. The benefits of such a capability will be both significant and innumerable. Opening the door for virtually anyone to benefit from global information and resource (think goods and services, etc) identification, access, and procurement - in short, to benefit from global commerce without third-party intervention, will be a gigantic step toward true mass access and individual empowerment. With it will come serendipitous knowledge discovery and enhancement and creative achievement on an unprecedented level.

## **Closing In: The Apocalyptic Moment**

We are closing in on the apocalyptic moment. There can and must be a new game in town. To ensure that the digital economy fulfills its promise, we need a new framework with a new social contract that guarantees opportunities for full employment, protects our privacy, and enables prosperity not just for the few but for everyone. We need a new system that spawns inclusion

rather than one that renders us disempowered, disenfranchised and exploited. A more beneficial system would be one allowing each of us to:

1. Identify, access and procure information, commerce opportunities and resources globally, without censorship or intervention.
2. Establish, protect and assert our autonomy and personal rights, including our privacy.
3. Make meaningful, beneficial connections, globally. This includes our right to engage in commerce, business, social interaction, and the pursuit of lifestyle objectives.
4. Have an equal opportunity to access and share wealth, power and control and to engage in entrepreneurship.
5. Demonstrate and assert our personal identity and selfhood. This includes control of our identity, our visibility and “discoverability,” This is our ability to compete on the global playing field and to establish our identity, to engage in self-promotion (discoverability).
6. Engage in exploration and discovery, globally.

## Who Will Rule the World?

At the end of the day, here is where we are. The emergence of centralized corruption, dominance, and control has placed us all in jeopardy. The status quo is unacceptable. Google controls 90% of all Internet searches. Google’s monopoly has been compared to that of Standard Oil and AT&T, both of which were broken up by anti-trust legislation. Facebook, Twitter, and others are able to coordinate takedowns of “offensive” clients overnight. They are not merely monopolies, but a cartel of monopolies. Alphabet Inc is the biggest lobbyist in history. They spend considerable resources to ensure the cartel retains its power and their stranglehold over the Internet. While it is unlikely that we can stop what is going on, we can take effective steps to move us away from its clutches. We must find an effective solution short of breaking up the tech giants that protects the free market we love. We must do the following:

1. Enshrine personal data rights. Give the people back control over their personal data.
2. Give people the freedom to migrate out of their social media platforms.
3. Protect communication as a basic human need and right.
4. Promote free speech online.
5. End censorship by Big Tech. They and their surrogates are not authorized to determine what is fake news or who are authorized users.
6. Ensure that corruption will not find its way into the system by introducing a new digital currency that will not lose its value as a medium of exchange.

## The Great Awakening

We now find ourselves at the end of centuries of isolation and alienation. We have been in a crisis of consciousness. But now, we are on the threshold of the “Great Awakening,” a window of opportunity for us, potentially the threshold of transformation of humanity into a new psychic collectivity, a new global civilization. We have the potential to achieve a radical evolution and expansion of our consciousness as a species, once we put aside all lesser goals.

## **Our Future is “Decentralized”**

A number of the problems discussed in this white paper are being addressed by an emerging group of blockchain technology entrepreneurs. They are launching initial cryptocurrency offerings (ICOs) with social engineering agendas. Many of the startups share a common element - each is based on a decentralized approach to enterprise operation and ownership and employs a tokenized economy for value creation. This movement contradicts today's centralized Silicon Valley service offerings that dominate the marketplace and corner most of the wealth. The shift to shared power could lead to the observation, guidance and control of future companies by average people - those who purchase and hold tokens in the new startups. This “democratized” approach to business will have far reaching consequences that change how we live our lives.

There are new, emerging technologies and business practices that are driving these changes. Among these are the blockchain - the highly secure software that has led to the success of Bitcoin - and the evolution of smart contracts. The blockchain is a new, highly secure general ledger for recording and safeguarding transactions. And smart contracts are software that automates the process of documenting and overseeing compliance with transactions and agreements. Taken together, these developments are driving the decentralization of enterprise and are opening the door to universal access to opportunity and wealth creation. A new, decentralized Internet driven by the power of the blockchain and peer-to-peer connectivity is going to be part of this evolution. The new Internet will change everything by creating a level playing field - one that assures universal participation and dramatically changes how we engage each other and interact.

### **Trigger: the Next “Killer App”**

Today's Silicon Valley and its constituents are not going anywhere. And it is a safe bet they they will continue to fight any efforts that threaten their current business model - aggregating and selling our personal data and information. The big question is: what is going to be the key factor that triggers a move of the masses away from today's Internet to a new, better (decentralized) alternative? To date, the applications emerging for the new decentralized Internet (dAPPs) have failed to deliver features and services that would make users sit up and take notice. Internet users have shown little inclination to jump ship and forego their current allegiance to Facebook, Google, and the other merchants of our demise. We believe the massive shift is not only possible, but probable as factors align. What is missing is the emergence of a true “killer app” - a disruptive product that captures everyone's attention and eliminates all resistance to a move to a new “playing field”. We believe the “ultimate killer app”:

1. Provides a transcendent experience superlative to anything now available.
2. Offers a powerful new form of search and resource acquisition with access to global resources and engagement.
3. Is user-centric - puts the user in control / impervious to external interference.
4. Is highly scalable.
5. Is “expansive”: it is emergent (self-evolving); grows exponentially; facilitates the emergence of collective wisdom and intelligence (“mind”) - the wisdom builds on itself.
6. Is highly relatable and “sticky”: demonstrates near-human characteristics and attributes that endear it to the user.

7. Is a tool for personal development - an inner awakening.
8. Leverages collective intelligence to raise individual empowerment. Allows users to discover their hidden potential.
9. Solves the “don’t know what we do not know” problem - allows users to see what they cannot see and know what they do not realize they should know.
10. Is an exponential multiplier of personal performance capabilities.

## **A New Era: The Evolving Human Mind**

The technological genie is out of the bottle. The printing press gave us access to the written word - to recorded knowledge. The Internet enabled us to be a producer and allows us to access the intelligence of other people on a global basis. Today, we are not in an Information Age, but an age of mind expansion, of networked intelligence where each of us can both be a producer and access intelligence contained in others around the world. Public intelligence in the public interest. That is the missing ingredient! There is nothing wrong with the world at large that cannot be stabilized and reconstructed by restoring intelligence and integrity. We can do that.

## **The Solution: Global Personal Empowerment**

Now, let’s turn our attention to what Savant can do to mitigate several of the problems we have described. We can empower people as economic actors by creating an engine of inclusion, a platform for unfettered access to the world’s goods and services and participation in global commerce. The possibility exists to create an open world where billions of excluded people can participate in the global economy and share in its largesse. It is possible to foster an economy that works for everyone with an engine of inclusion and that catalyzes distributed capitalism. We can liberate financial services from the confines of old institutions, fostering competition and innovation. And we can ensure that people can not only become connected, but more important, become included in financial activity, able to purchase, borrow, sell, and otherwise have a chance at building a prosperous life. It also is possible to rebuild the trust we have lost in our system and institutions by building a platform, a distributed trust network, for everyone to know what is true. We can create a new protocol, a foundation of trusted collaboration that reinforces integrity, honesty, consideration, accountability and transparency.

## **Protecting Our Sovereignty**

Savant is being established to assure that all people may retain their personal rights and security. Savant’s operating system and platform incorporates technology such as advanced encryption and peer-to-peer (decentralized) connectivity to create the framework for personal privacy and control of personal data. At Savant, the user maintains all ownership of personal data and retains the right to delete it or take it anywhere he/she wishes. This is a key advantage of operating in a decentralized, protected environment.

## **Safeguarding Privacy and Data**

Savant's aim is to be an open lifestyle venue and platform where individuals control their identities and their personal data. Privacy is Savant's default setting. The Savant and Savant brands will earn people's trust by respecting user privacy, keeping users at the center of design and ensuring end-to-end security of their data, destroying it when no longer needed. Savant will counter illegal and inappropriate action with powerful countermeasures such as blockchain technology to detect unscrupulous behavior and cheating and remove or at least neutralize them. Data ownership and data security can only be truly resolved with a fundamentally redesigned Internet infrastructure. With the current Web all that user data concentrated in the hands of a few creates risk that our data will be hacked. It also makes it easier for governments to conduct surveillance and impose censorship. And if any of these centralized entities shuts down, your data and connections are lost.

True decentralization of the web is the only way to be completely certain of user data protection and give control back to users. Decentralizing data storage and transfer, as well as integrating decentralization with innovations such as multi-party computation, encryption and trusted execution environments has the potential to reshape data privacy. When combined with other decentralized technologies such as blockchain, we can create foundational platforms for unstoppable applications that preserve the privacy of their user. The "smart" Web of Savant will be a web of devices and decentralized applications where you transfer code and data from one user to another – hence the term, peer-to-peer – without the use of intermediaries. This will restore our privacy and security and put control back in the hands of the user.

## **Combating Censorship**

At Savant, our aim is to eliminate all political and geographical barriers so people around the world will have the same opportunity to express themselves freely. Savant is designing a "censorship-resistant" platform because we believe that it is dangerous to allow any private corporation or individual to have the power to censor private speech. We believe that online platforms should empower their users, not their owners, and in order for this to happen censorship resistance must be a feature of the software that runs online platforms. Content will be encrypted, ensuring that, where relevant, only authorized users will get access to it. And the identities of creators and viewers will be protected, meaning those wishing to remain anonymous will be able to do so.

Savant will use its blockchain for what it does best: creating a trust-less operating environment. In addition, we will build the Savant platform, a completely decentralized peer-to-peer network that takes over all the network traffic within this ecosystem that provides an end-to-end encryption without going through any intermediaries or central servers. Savant uses the blockchain for decentralized trust and authentication, for decentralized communication, and for decentralized execution for applications. Going hand-in-hand with blockchain and decentralization technologies are encryption and anonymity. All user content and transactions will be encrypted and anonymized and decentralized and only the user will hold the keys. We believe that by taking these steps we can ameliorate the negative effect of censorship and bias.

## **Leveling the Playing Field**

Savant tackles the problems of disproportionate ownership of wealth and resources and artificial limitations on opportunity head-on. We have structured the Savant operating system and platform to support unfettered, global access to resources and information. For the first time, the common

man will be able to extend his/her reach to find and secure opportunity virtually anywhere using Savant's global search and resource acquisition technology. In addition Savant's global commerce market will facilitate buy-sell transactions that have not been possible until now. All of this will take opportunity for the individual to a new level that can open the door for the democratic redistribution of wealth and the realignment of resource holdings to better reflect the needs and interests of all.

## **Fighting Wealth (Resource) Disparity**

Significant others, powerful self-interests that act behind closed walls, have too much control over key aspects of our lives, over what we can have and what we do as well as how we are perceived - and this had led to our disenfranchisement as economic actors on the world stage. But now, we have been presented with the keys to true individual empowerment, in the form of new tools and capabilities and a developing shift in the balance of power. We can enable people to engage with the world, to prosper and grow. Aided by new, emerging technology and a shift in how we conceptualize ourselves, we will help create an open world where billions of excluded people can participate in the global economy and share in its largesse. We can more efficiently connect people to all of the opportunities that exist, thereby giving all people the opportunity to globalize.

We must fundamentally change what we do online, how we do it, and who can participate. We can do this by creating a powerful high potential underlying intelligent technology platform that links to The Internet of Everything to create the Internet of Value. We can create a true peer-to-peer platform, a sharing economy in which each individual will possess, at minimum, access to some form of basic financial services to reliably move and store value, communication, and transactional tools to connect to the global economy and security, protection and enforcement of the title to land and other assets they possess legally. The platform can be powered by powerful emerging technologies that have the potential to unleash countless new applications and as yet unrealized capabilities that have the potential to transform many things. The platform will liberate financial services from the confines of old institutions, fostering competition and innovation. It will create a true peer-to-peer sharing economy in which each individual will possess, at minimum, access to some form of basic financial services to reliably move and store value, communication, and transactional tools to connect to the global economy and security, protection and enforcement of the title to land and other assets they possess legally. We will ensure that people can not only become connected, but more important, become included in financial activity, able to purchase, borrow, sell, and otherwise have a chance at building a prosperous life.

It will supercharge entrepreneurship by lowering the barriers of would-be entrepreneurs. Our platform will give them essential tools for starting a business and a way to conduct business beyond their community. We will also give them access to the global economy and, along with it, new sources of credit, funding, supplies, partners and investment opportunities. Billions of excluded people will soon have the ability to enter the global economy.

## **Bringing Global Resources and Commerce to the Masses**

The opportunity exists to create a new economic platform driven by the falling costs of bargaining, policing and enforcing social and commercial agreements, when the name of the game will be integrity, security and collaboration, the privacy of all transactions and the creators and distributors of value. The result will be an economy of peers with institutions that are truly distributed, inclusive and empowering, and thereby legitimate. The new platform should:

1. Foster peer-to-peer exchange of value, especially money.
2. Support openness, decentralization and new forms of currency.
3. Start to change the way wealth is distributed - how it is created in the first place. Supercharge entrepreneurship by lowering the barriers of would-be entrepreneurs. We can ensure that creators are compensated for their intellectual property, compensating creators for the value they create and giving them essential tools for starting a business and a way to conduct business beyond their community. We can give them access to the global economy and, along with it, new sources of credit, funding, supplies, partners and investment opportunities.
4. Protect rights by technology. Create a decentralized platform that does not have a central authority controlling it, where everybody knows what's happening and that remembers forever. Ensure that the rights to goods can be translated whether they be financial, hard assets or ideas.

The primary objective will be to empower people as economic actors. We will foster peer-to-peer exchange of value, especially money. Savant will foster an economy that works for everyone with a new platform that is an engine of inclusion and that catalyzes distributed capitalism.

## **Removing Restrictions on Information and Opportunity**

With Savant it will now be possible to move From the “Internet of Me” to the “Internet of Value.”We can create a powerful, high-potential intelligent technology platform that eliminates the restrictions of current search applications and enables true, global search and resource acquisition, one that is powered by new, emerging semantic web technology and collective self-interest and is authenticated by mass collaboration.

The “Internet of Me” is a term coined for today’s Internet, where leading service providers such as Google, Facebook, and others offer searches that are hyper-personalized to meet specific user preferences and interests. The “down” side of this practice is that the user never sees what has been left out by the app’s algorithm. The user only sees what the search engine believes is in the user’s best interest. This phenomenon is called “the echo chamber effect. The solution will offer a new contextualized “discovery” function that radically improves the relevance of search by interpreting ontological (semantic) meanings of each concept used. This feature will allow users to explore and develop specific areas of interest with expanded access to information, products, services, guidance and collaboration with compatible others. The proposed advanced intelligent search technology platform will link to the Internet of Me and the emerging “Internet of Everything” with the potential for unleashing countless new applications and as yet unrealized capabilities that have the potential to transform many things. It will help create, in effect, an “Internet of Value”, one that makes resources available to everyone and that empowers people as economic actors.

## **Unleashing Tools of Empowerment**

Savant is creating a lexicon of powerful new tools available to users to facilitate their lifestyles. The tools are unlike any the world has seen. Each is designed to deliver unprecedented experiences and outcomes to practitioners of the Savant economic lifestyle. For the first time the common man will be empowered to be a player on the global stage. Let’s take a look at each tool.

## Autonomous ORB Agents

A key component of Savant will be its intelligent user interface. The interface will deliver intelligent performance support, or personal service, to ORB users in the form of anthropomorphic software personages called "ORBs". Each ORB created by a user will be driven by autonomous agent (AI) technology. An autonomous agent is an intelligent agent operating on an owner's behalf but without any interference of that ownership entity. Autonomous agents are software entities that carry out some set of operations on behalf of a user or another program with some degree of independence or autonomy, and in so doing employ some knowledge or representation of the user's goals and desires.

Autonomous agents are applied as automated personal assistants, where they function to perceive the needs of customers in order to perform individualized customer service. Such an agent may basically consist of a dialogue system, an avatar, as well as an expert system to provide specific expertise to the user. They can also be used to optimize coordination of human groups online. To actively perform their functions, autonomous agents today are normally gathered in some form of hierarchical structure containing many "sub agents". Intelligent sub-agents process and perform lower level functions. Taken together, intelligent agents and sub-agents create a complete system that can accomplish difficult tasks or goals with behaviors and responses that display a form of intelligence.

Savant's intelligent user interface employs autonomous agents called "ORBs." An ORB intelligent assistant is a dedicated highly supportive problem solver, strategist and purveyor of value-added decision support and information. It is the user's emissary and is a means of connection with the resources and services of the Savant and the collective wisdom of the World Brain. ORBs work both unilaterally and collectively when situations call for a more comprehensive collaborative approach. They offer comprehensive lifestyle enhancement and undying user advocacy. An ORB intelligent agent is a practical, readily-available vehicle for quickly and effectively mastering specific user objectives. Users have the ability to identify and select a basic ORB, customize it with performance features that can accomplish their objective, and launch it into immediate action. ORBs will be available for a wide range of applications. All will possess common features including "smart functionality", a simplified "intelligent" user interface, pro-active user-driven engagement, enhanced interaction, and the capability for enhancement in innumerable ways. ORBs are incredibly powerful tools to facilitate our lifestyles. ORBs foster innovation at both the individual and societal level. They place powerful capabilities directly in the hands of average people, empowering them to foster unprecedented achievement, effectively leveling the playing field and spawning opportunities for everyone.

Savant's ORBs can be our vehicle for creative thinking, free expression and personal empowerment. A new, formidable power will be at our disposal - the power to reach out infinitely in every direction to accomplish whatever is in our mind - to obtain information, engage others, and accomplish our work. ORBs will allow us to express ourselves in a powerful new way. No longer will we be confined to the restrictive requirements and limited territory of websites and blogs. ORBs will be free to go where they wish and do as they please as long as they follow our guidance and act within established guidelines for proper behavior. ORBs bring the rest of the universe to their master, opening the window for unlimited opportunity and lifestyle enhancement. Launch your ORB and engage in a realm of discovery, connectivity and fulfillment beyond your imagination. Savant is a highly protected environment that will allow us to safely and securely control what is disclosed about ourselves, how we are perceived, and the nature of our actions.

Humans animate the ORBs, endowing them with computing power and capital to go about their work. ORBs do the heavy lifting. They can modify how they achieve their objectives and they can sense and respond to their environment over time. They are agents that can do transactions, acquire resources, make payments, or otherwise produce value on behalf of their creator. They use AI to discover and enter into new realms and possibilities. ORBs buy the services they need, hire people or robots, acquire partner resources such as manufacturing capability and branding and marketing expertise and adapt in real time.

By creating powerful digital vehicles of empowerment and by allowing anyone on the Internet to become their owners, Savant may allow more people than ever before to participate in and benefit from the innovation economy. Savant is building a system that's distributed, resilient and free in the best sense of the word. Savant's open platform offers users a broader venue for staging new businesses or simply adding value to the platform. With our technology individuals and organizations can create platforms and partner with others (peers) to create platforms or utilities for an entire industry rather than using the capabilities of traditional companies. With Savant's ORBs as our partners we can enjoy unprecedented expression and empowerment. The things we can ask them to do is virtually unlimited. They can give users a powerful tool to bring focus to projects, visions and ideas, to secure resources, and to take necessary action to transform our visions into reality. The shift to Savant can enhance our lives, leading us to a new era of productivity, achievement and life experience. Savant can transform us at our core and ultimately, it will enrich our lives. Here are several examples of how ORBs will be used:

1. A product entrepreneur has created an ORB to promote her new product with the hope of raising critical funds. A venture capital fund, i.e., a responder, has launched an ORB to identify and engage startups that qualify for VC funding. The two ORBs connect and schedule an event for the two parties to be held in the VC's ORB. The product entrepreneur engages with members of the VC fund in an event space. She gives a presentation of her business plan to build "intelligent" carry-on travel bags. The VC fund asks key questions about the anticipated capital structure of the venture. Terms are negotiated and an initial agreement and go-forward strategy established.
2. A car enthusiast (potential buyer) participates in an ORB event (i.e., checks out a new car) initiated by a Ford car dealer (advertiser). In their ORB event the potential car buyer receives a one-on-one demonstration of a new Ford Mustang where he goes for a virtual test-drive. The buyer makes a purchase decision. The Ford car dealer and the buyer negotiate purchase of the Mustang and schedule delivery. At the end of the event the car dealer terminates the ORB and deletes it.

## **Event Spaces**

An Event Space is a highly flexible free-form web-based venue for personal enterprise, focused action, expression of creativity and other personal endeavors. It is a dynamic, flexible mechanism for creating, launching and stewarding concepts, projects, social initiatives, rapidly and effectively. It is independent of other Internet entities and services that might intervene to threaten personal security. Event Spaces offer a new form of experience. They give users a powerful tool to bring focus to their project, vision or idea, secure resources, and take the action necessary to make it a reality. The Event Space is a highly flexible free-form venue for personal enterprise, focused action, expression of creativity and other personal endeavors. It is designed to facilitate and enrich human experience, effectively removing traditional barriers and limitations and encouraging freedom of

action. In addition an Event Space is an important tool users may implement to convene and interact, either personally or virtually, in a private, highly secure way.

## **Leveraging Co-Intelligence**

Collective intelligence refers to a process by which large numbers of people can simultaneously converge upon the same point(s) of knowledge, while achieving enhanced intellectual performance. It can also be defined as a form of networking that has enabled interactively: thus, users are able to generate their own content. Collective intelligence has also been attributed to natural phenomena such as beehives and group behavior in animals such as flocks of birds that fly together synchronously. Collective intelligence, or “co-intelligence”, is going to play an important role in the Age of Cognition. There is an absolute requirement for Savant’s open-source economy to leverage and support a decentralized, public autonomous Internet. The Savant intelligent network will therefore foster open source communities empowered by co-intelligence autonomous from governments and corporations. Savant will be an autonomous, co-intelligent network capable of connecting all individuals to all information all the time, with the potential to strip the power from “rule by secrecy” hierarchies. Ultimately this new co-intelligent operating system will be more effective and efficient, serving all.

There has an important implication for each of us. The basis and goal of collective intelligence is mutual recognition and enrichment of individuals rather than the cult of fetishized or hypostatized communities. The co-intelligence generated by the Savant network, platform and ecosystem is available to each user and is a valuable tool for improving our critical thinking and problem analysis skills. Using it strategically can dramatically improve our lives.

## **Semantic Search**

Savant’s global semantic search capability will open an entirely new world of knowledge and information acquisition to users. Savant’s platform supports user queries and browser searches based on Semantic Web 3.0 technology. This facilitates more substantive and productive searches and information retrieval. Semantic search denotes search with meaning, as distinguished from lexical search where the search engine looks for literal matches of the query words or variants of them, without understanding the overall meaning of the query. Semantic search seeks to improve search accuracy by understanding the searcher’s intent and the contextual meaning of terms as they appear in the searchable data space, whether on the Web or within a closed system, to generate more relevant results. Semantic search systems consider various points including context of search, location, intent, variation of words, synonyms, generalized and specialized queries, concept matching and natural language queries to provide relevant search results. Some regard semantic search as a set of techniques for retrieving knowledge from richly structured data sources like ontologies and XML as found on the Semantic Web. Such technologies enable the formal articulation of domain knowledge at a high level of expressiveness and could enable the user to specify their intent in more detail at query time

## **Tapping Into the World Brain**

We the People must first restore our own intelligence and integrity, and then reach out to others all over the world to create the World Brain - what the technocrat might think of as Web 4.0. Savant is, by design, an intelligent operating platform that supports the creation of networked, or collective, intelligence. Savant users may create and launch agents (ORBs) to execute their

objectives and act as the arbiters of co-intelligence. ORB agents are able to perform a wide range of functions and services at a higher level than we are capable of performing. Each ORB and the human it serves establishes and maintains a specific level of intelligence. That intelligence ultimately serves both the individual and the group as a whole. It is, in fact, a reciprocal relationship. With its user's permission, as each ORB amasses knowledge and experience, it registers the information in the World Brain. All lifestyle information registered in the World Brain is maintained in an open and transparent manner and is available for all ORBs to access as it serves the needs and interests of their users. This is about connecting all human minds, all information in all languages and mediums, all the time

Savant's World Brain will tap into co-intelligence fostered by the collaborative knowledge-sharing by all people and their intelligent ORBs, empowering each of us to be both a producer and beneficiary of intelligence contained in others around the world. The objective must be to create a World Brain in which all humans play themselves, have access to all other humans and all relevant information, and therefore, as free spirits, are self-governing in concert with others, using shared information as the means for voluntarily and peacefully harmonizing behavior and investment at all levels to achieve a world that works for all. The World Brain will be the 24/7 connection of all human minds in all languages to one another and to all information in all languages and all mediums.

## The Savant Global Operating Platform

The technological genie is out of the bottle - but this time it is different. The printing press gave us access to the written word - to recorded knowledge. The Internet enabled us to be a producer and allows us to access the intelligence of other people on a global basis. Today, we are not in an Information Age, but an age of networked intelligence where each of us can both be a producer and user of intelligence contained in others around the world.

### The Savant Ecosystem

The Savant platform and ecosystem acknowledges and is leveraging this development - networked intelligence is very much a part of the Savant world. The Savant platform is the gateway and home for users interested in connecting and interacting with the rest of the world and its commerce. It facilitates new, emerging "intelligent" services that offer global resource access, universal connectivity, collaboration and engagement. It also serves as a safe haven free from the perils of "surveillance capitalism", theft of personal information, and unwarranted censorship.

The Savant network is a multi-agent self-organizing operating system. A multi-agent software system (MAS) is a computerized system composed of multiple interacting intelligent agents within an environment. X=Project consists of multiple interacting autonomous agents, or ORBs, functioning both independently and interactively within a distributed operating environment. Multi-agent systems can manifest self-organization as well as self-steering and other control paradigms and related complex behaviors. Agents can share knowledge within the constraints of the systems communication protocol. The network is, by design, a platform that supports the creation of networked, or collective, intelligence. Savant users may create and launch agents (ORBs) to execute their objectives. ORB agents are able to perform a wide range of functions and services

at a higher level than we are capable of performing. Each ORB and the human it serves establishes and maintains a specific level of intelligence. That intelligence serves both the individual and the group as a whole - there is a reciprocal relationship. All ORB activity and transactions are recorded on the Savant blockchain (trusted transactions.)

Savant is a decentralized operating platform and network offering advanced performance support for user lifestyle activities and initiatives. Savant is built on the concept of decentralized, autonomous authority, resource access and action. It manages and distributes empowerment on an individual basis, assuring that each individual user can access the power of the “whole.” The Savant OS platform and network is a strategy and plan to empower all people, assisting them in important new ways that sharpens their focus and extends their digital reach as they pursue various lifestyle activities. The term “intelligent performance support” (IPS) refers to assisting people intelligently. The idea is to supply them with power, knowledge or information that they do not currently have or may not be using. The goal of IPS is to lend people a hand so they can accomplish what they are doing in a new, more effective way.

Savant addresses the problem of third party intervention and abuse, creating an empowerment platform and ecosystem that can be readily adopted and implemented at the grass roots level. The Savant solution places a powerful tool in the hands of individual users that allows them to leverage their abilities to engage and collaborate with others, secure resources, deploy strategic initiatives, and solve problems at both the local and global level. The solution must also assist them with learning and applying new ways of thinking critically to dramatically increase the odds of successful outcomes. Savant incorporates these solutions in its Savant intelligent platform and service offering.

Our future can be found at the local level - we are on the verge of massive decentralization. Savant is a grassroots solution - a new form of distributed empowerment that fosters creativity, innovation and achievement. Savant assures every individual the rights of anonymity, identity, privacy and security. Here are important aspects of the Savant platform and ecosystem:

1. It is a new field of play, a new platform and environment, aimed at “jumping the shark” of current Internet service offerings such as Google, Facebook, Twitter, and others contributing to our problems. Instead of websites and blogs, and other typical web-based services, Savant’s autonomous agents offer greater opportunity. And Savant’s distributed blockchain world brain (see “4” below) can be positioned to dominate existing service offerings such as Amazon, Google, FaceBook, YouTube and Twitter
2. The Savant platform is aimed at eliminating many of the “stress inducers” that are currently creating mental anxiety and feelings of isolation. First, the platform offers an attractive alternative to the worst offenders such as Google and Facebook. The platform introduces key services including intelligent, global browsing and search as well as global commerce with digital currency. Also, ORBs have the capability to engage collectively on behalf of their users to create ad hoc social networks. These networks may be invoked and terminated by their users at will and do not require the surrender of personal data. In addition they eliminate the features of Facebook that contribute to mental health issues.
3. Savant is a democratized, decentralized intelligent performance support ecosystem. Both individually and collectively, ORBs provide intelligent support to their user “creators” as they live their lives. As such ORBs are information sources, guides, mentors, educators,

and digital friends with the users they serve. There is no censorship or control of user options and activities.

4. Savant is a distributed block chain World Brain - a repository of collective intelligence - built and maintained by the contributions of individual ORBs. Its purpose is to provide valuable on-demand assistance to Savant platform users when there is a requirement for enhanced intelligent support. ORBs retain intelligence at the “local level” developed as they serve their user. They periodically upload the information to a virtual, collective intelligence, or “World Brain” that is accessible to everyone. Users benefit from accessing the collective intelligence when they and their ORB require additional “thinking power” to solve a problem or resolve a situation. In this situation the ORB sends an enquiry to the “World Brain.” This process enables grass roots empowerment at the local level with the horsepower of the “mass consciousness” lending its hand.
5. A primary Savant objective is to facilitate democratized, global access to and distribution of information, power and wealth. The Savant platform introduces the possibility for average people to become participants on the global stage. Savant opens the door to access information, resources and wealth anywhere in the world, eliminating traditional barriers of entry. Savant’s global commerce market brings the world’s opportunities to the masses at a fraction of the cost.
6. The Savant platform supports individual control and maintenance of personal identity, transparency of actions, and the ability to cloak personal interaction at will. This feature puts each person in control, mitigating or totally eliminating third party intervention and abuse.
7. Savant creates a place for people to enhance their lives, with ORBs assisting every step of the way. ORBs are powerful tools for finding information, locating global resources or engaging in commerce. This is because they are not restricted by the traditional boundaries imposed by today’s service offerings. But the role of ORBs is much greater than mundane servitude. An ORB is a guide and mentor, helping others achieve purpose and meaning in their lives.
8. ORBs are designed to create the context for great things to happen. With their help there is the possibility for transcendent life experiences and serendipitous events to occur. ORBS lead their users to greater personal empowerment and higher achievement.

Savant builds a trusting, highly supportive relationship with the user that rewards and encourages users to try new, more effective solutions and strategies. It presents alternatives and information the user may not know or understand and it teaches them in the moment when a willingness is shown by the user to accept something new. During this process, Savant takes specific actions to create the appropriate context for users to learn new, more effective approaches to thinking and acting.

## **The Savant Decentralized OS Platform and Network**

Savant’s platform and OS is a complex, self-adapting system (CES) that has been created with the capability to demonstrate self-organizing tendencies. This feature gives Savant the ability to constantly improve its design and functionality. The self-organizing system is a special kind of self-adaptive system. Self-adaptive software is software that can adapt dynamically to changes in its environment and non-functional requirements. Self-organizing systems such as Savant have the following properties:

1. Self-Configuration - collects certain components and assembles (organizes) itself; new groups join dynamically
2. Self-Optimization - all components must be optimal.
3. Self-Healing - reliable, dependable, robust, etc.
4. Self-Protection - protect oneself against intrusion and attack.
5. Self-Reflection - ability to reason about and explain own behavior and state.
6. Self-Managing - able to maintain relationships with other elements; meets its obligations (agreements/policies); able to identify on its own what services it needs to fulfill its obligations.

These properties can provide adaptive, flexible responses to changing conditions in the environment and to changing needs in the system. For key lifestyle activities such as problem resolution, information, and resource search and acquisition the impact of such a capability is the difference between existing web-based search and an opening door to infinite, unlimited possibilities. It can and will be a disruptive force in human productivity and achievement leading to exponential growth and development.

## **The Savant Blockchain**

The Savant blockchain is a path to fulfilling the "personal empowerment" vision - i.e., bringing intelligent performance support and distributing empowerment to the masses. The Savant blockchain ledger uses smart contracts to manage and administer all user activities on the Savant platform. The records of all activities are maintained on the ledger and are available for review by users. In addition, users may elect in their smart contracts to disclose supplementary personal information on the ledger to manage and control their identity.

Savant's operating platform combines the strengths of blockchain technology with AI to deliver highly personalized lifestyle experiences for the common person. User security, privacy and establishment of a trust bond will be assured by the Savant blockchain. The Savant blockchain platform will have multi-faceted functionality with applications outside of simple financial transactions. AI-driven global intelligent services including search, resource acquisition, ad hoc personal collaboration and engagement, and eCommerce will be offered. Savant will implement an infrastructure and computer protocols intended to facilitate, verify, and enforce the negotiation and performance of smart contracts in conjunction with these services. With the Savant blockchain we will have a true peer-to-peer platform that enables many exciting things:

1. We can each own our identities and our personal data.
2. We can do transactions, creating and exchanging value without powerful intermediaries acting as arbiters of money and information.
3. Billions of excluded people can soon enter the global economy.
4. We can protect our privacy and monetize our own information.
5. We can ensure that creators are compensated for their intellectual property.
6. We can start to change the way wealth is distributed and how it is created in the first place.
7. With the new protocol we can enable trusted collaboration to occur in a world that needs it.

## **Web-Based Co-Intelligent Performance Support (IPS)**

Savant's OS platform and network features the next level of lifestyle and work process activities that will feature new IPS capabilities such as "action by intelligent proxy", intelligent (semantic) search, user-controlled interactivity and engagement and micro-targeted e-commerce. The requisite for user services will be instant action (immediacy); intelligent guidance, resource access and support; action-by-proxy; mobility, user-defined and controlled privacy, and availability and intra-platform capability. The large players (Apple, Facebook, Google, etc) know this and are pursuing solutions that support their existing products and service offerings.

Savant's autonomous agents will deliver highly personalized, incredible economic lifestyle solutions and experiences. Savant will appear in various forms including 3D avatars that can think, make decisions and take supportive action. Users will have the ability to modify and enhance the appearance, behavior and capability of their ORB based on personal needs and interests. Each user will have one or more ORBs for commerce and to promote personal interests, secure information and resources, enhance personal engagement and foster personal expression.

### **Enhanced Collaboration / Engagement**

Savant's platform will facilitate engagement and collaborative activities such as launching a creative endeavor - a film or record, creating a social movement, designing and marketing a new product and other activities that require resources and cooperative engagement. For example a young recording artist may have an idea for a song. She needs other talented people and money if she is to succeed. Using Savant she will immediately connect with an international assortment of songwriters, lyricists, musicians, and other capable resources who have launched their own Savant with instructions to find recording artists. Together they form a development team and interact in a secure, protected venue called an Event Space.

### **Access to Collective Knowledge**

What if we could connect ourselves in this world in a powerful new way, could we go beyond just sharing information and knowledge? Could we start to share our own intelligence? Could we create some kind of collective intelligence that goes beyond an individual or a group or a team to create perhaps some kind of consciousness on a global basis? If we could do this we could attack some big problems in the world. The new age of networked, collective intelligence could be an age of promise fulfilled and peril unrequited. A key Savant function is tapping into collective intelligence fostered by the collaborative knowledge-sharing of all ORBs, empowering each of us to be both a producer and beneficiary of intelligence contained in others around the world. The Savant World Brain serves as the database, or repository of all collective knowledge and intelligence that it receives via ORB updates. In addition to being a repository, the World Brain offers on-demand access to all users and ORBs seeking knowledge or information.

### **Global Resource Access**

A key Savant service will be intelligent resource access. Users will be able to specify something they would like to obtain, identify who can provide it (globally), and execute a transaction to obtain it. Savant will feature an intelligent capability that "discovers" opportunities and resources using advanced semantic search and AI inference engine. Savant resource access will offer immediate identification and connection to desired resources. The service will allow us to specify

the desired objective to providers offering fulfillment and viable solutions. Savant resource access will facilitate transactions to obtain the desired resource and will provide ongoing, enhanced interactivity and engagement.

## **Global Commerce**

Savant will facilitate a global commerce market for users interested in engaging in executing international buy-sell transactions. Savant will serve as our proxy, engaging in daily commerce with other ORBs on our behalf. They will do our banking, purchase goods and services, and perform other financial services and tasks for which we have given our permission. Savant will assist buyers and sellers with the processes of finding each other, connecting and consummating a purchase. As an example a collector of early American art will be able to launch an ORB that will assist her in finding and buying a specific piece of art. Savant will immediately identify a holder of the art piece interested in selling it to her. The two will be connected in an Event Space so they may engage and discuss the prospect for a sale. If there is a purchase agreement our service will facilitate the sale and arrange delivery. Target groups of the service will be users (“consumers” in our model) and brands (advertisers) wishing to connect with pre-qualified prospects.

## **The Savant Token Event**

Savant is an entirely native ecosystem where one may obtain advanced intelligent performance support and trust-less documentation of economic lifestyle activities. Savant acts as a decentralized provider of intelligent productivity tools that empower the common man. This frees Savant users from the heavy constraints levied on them by existing ecosystems, instead rewarding them for their efforts with Savant tools and services. The Savant token and digital currency has been created to serve as the instrument that facilitates this objective.

## **Savant Tokens: Unleashing Personal Power**

We are creating a cryptocurrency linked directly to the effectiveness of Savant’s Personal Empowerment Engine. With Savant tokens, purchasers may develop and experience the personal empowerment revolution. Savant is developing an intelligent blockchain ecosystem called the Savant Platform which will automatically drive native software and app creation and peer review of Savant technology creations. It is necessary to mint a unique token to assure Savant token holders access their unique benefits and for the Savant decentralized platform and network to be successfully created. Token holders enjoy preferred benefits such as exclusivity, access to upgrades, and special services identified, maintained and tracked through the issuance of a Savant sovereign coin. Savant token holders hold the preferred status in Savant and are designated to received enhanced services on the Savant Platform.

## **About the Savant Token**

Savant and it’s Savant decentralized platform is an entirely native ecosystem where one may obtain advanced intelligent performance support and trust-less documentation of economic lifestyle activities. Savant acts as a decentralized provider of intelligent productivity tools that

empower the common man. This frees Savant users from the heavy constraints levied on them by existing ecosystems, instead rewarding them for their efforts with Savant tools and services, in addition to whatever profits they see from Business ORB purchases and subscriptions. The primary vehicle for implementation of the Savant decentralized platform is the Savant token. The Savant token is built on a proprietary blockchain for wide compatibility and existing wallets, exchanges, smart contracts and other financial infrastructures.

## **Access to Exclusive Services and Rights**

Savant token holders have the following rights and opportunity:

1. The ability to create, sell and distribute exclusive business enterprises via Business ORBs.
2. Limited, free business development consultation and assistance.
3. Limited, free technical assistance and support.
4. A waiver of all commerce fees, usage restrictions and other rights and fees.

## **A Preferred Utility for Stakeholders**

Token Holders. Holders of Savant tokens may benefit in three ways:

- A. Savant tokens are the preferred currency for commerce on the Savant platform. Tokens purchased during the Token Event pre-sale at the 50% discount may show an appreciated value at the close of the Token Event. Should this occur holders of the tokens could enjoy additional purchasing power for Savant goods and services.
- B. Purchasers of Savant tokens during the Token Event receive an exemption from the payment of commerce transaction fees.
- C. Business ORBs are available to users as a value-add upgrade to traditional ORBs. They may only be purchased with Savant tokens. Business ORBs offer significantly enhanced functionality enabling Savant token holders to engage in advanced entrepreneurial activities. This option is only available to Savant token holders.

Advertisers. Advertisers on the Savant platform may advertise their products and services, with the Savant token serving as the required payment currency.

Consultants. Business consultants may offer their services to entities engaged in creating and launching Business ORBs. They are required to pay a registration fee using Savant tokens.

Public End Users. Members of the public engaged in commerce on the Savant platform may purchase third-party goods and services (i.e., engage in commerce) at a discount with Savant tokens. The standard commerce transaction fee is reduced from 3% to 1%.

## **A Web-Based Token Economy**

### **Use Cases for Savant Tokens**

Savant must establish and maintain liquidity for the Savant token currency in order for it to be viable. This is achieved via multiple use cases that have been created for Savant. While it is impossible to imagine all of the potential use cases for the Savant token, several are mentioned below:

1. Consumers. The Savant token is the coin of the realm for the Savant platform and ecosystem. As such it is the preferred currency for users purchasing or selling goods and

services (commerce). All commerce transactions are subject to a small surcharge, which is payable in Savant tokens.

2. Business. Businesses use Savant tokens to advertise and promote their products and services on the Savant platform. Also, all business-to-business commerce is payable in Savant tokens.
3. Savant Token Holders. Holders of Savant tokens engage in commerce on the Savant platform along with “regular” platform users. However, token holders are exempted from paying commerce surcharges and transaction fees. Token holders also are given an exclusive option to license Business ORBs - ORBs with enhanced business-service functionality that have the potential to accrue in value. In addition Savant token holders may receive, at Savant’s option, airdrops, bounties and other token-related benefits.

## Advantages of Savant Tokens

Savant tokens offer many advantages to end-users. Among these are:

1. A valuable limited issuance exchange currency.
2. The monetization mechanism for a new, cost-effective lifestyle platform. Makes payment of lifestyle expenditures simple and easy.
3. Elimination of expensive third-party (PayPal, major credit cards, etc) participation in commerce transactions, a major cost savings.
4. Rapid commerce transaction clearing.
5. Trust-less confirmation of Savant user transactions on the Savant blockchain as a value-added security feature.

## Roadmap

<b>Hire core staff</b>	<b>Completed</b>	<b>Core staff hired and briefed</b>
<b>Token pre-sale begins</b>	<b>9.20.19</b>	<b>Launch token pre-sale</b>
<b>Token pre-sale ends</b>	<b>9.28.19</b>	<b>Pre-sale ends, token regular sale begins</b>
<b>Token sale begins</b>	<b>9.29.19</b>	<b>Token sale begins</b>
<b>Token sale ends</b>	<b>10.31.19</b>	<b>Token sale ends</b>
<b>Brand, software and product development planning for Savant platform</b>	<b>11.01.19</b>	<b>Brand, team, and product development planning for intelligent performance support</b>
<b>First software prototype and</b>	<b>3.01.20</b>	<b>Develop first intelligent</b>

**apps developed**

**prototype/avatar**

**Focus group testing of Savant software**

**5.01.20**

**Focus group testing of Savant software for bug fixes**

**Launch Savant software product**

**7.01.20**

**Launch finished Savant IPS product**

## **Crowd Sale Terms**

The goal of Savant is to build a platform that fully supports the crowd sale process. As the Savant intelligent performance support service offering expands and grows and revenue increases there should be a concomitant increase in the value of the enterprise. This could, under favorable conditions, lead to increased interest and value for the Savant token. The token should help attract project evaluations, pay for some of the services rendered, and serve as an assurance of quality work. As the supply of Savant tokens is static, an increase in platform usage may drive up the token value.

The Savant token issuance shall be subject to the following terms and conditions:

1. Savant is a token issued on is proprietary blockchain. It's design follows widely-adopted token implementation standards. This allows token holders to easily store and manage their Savant tokens using existing solutions.
2. Savant crowdfunding and Savant token creation will take place using smart contracts. Participants willing to support the project development will send Ether to a specified token sale address, creating Savant tokens by this transaction at the specified Savant exchange rate. Token sale participants will be able to send Ether to the Savant address only after the start of the crowdfunding period.
3. Crowdfunding will finish when the specified end block is created, or when the funding cap is reached. If Savant fails to hit its target all virtual currencies will be returned. If the threshold is not met all the money is returned to investors. The entire process is automated using a smart contracts platform.
4. No token printing will be done after the crowdfunding period. At the end of the token sale, Savant token creation will be closed permanently. All unused tokens will be kept in the reserve for business development and to replenish the blockchain.
5. Savant token transfer will be restricted for security reasons for one month after the end of crowdfunding

## **Launch Summary**

### **Savant Token Information**

Total tokens to be created:	300,000,000
Available during token sale:	100,000,000

Re-issuance:	Never
Token name:	Savant
Fundraising goal:	\$20m USD
Soft cap goal:	\$5m USD
Token pre-sale start:	Sept 20, 2019 at 8:00 AM GMT
Token pre-sale discount:	50%
Initial pre-sale price:	\$5.00 USD. Token price will be calculated at the start of pre-sale based on USD exchange rate
Pre-sale end:	Sept 28, 2019 at 8:00 PM GMT (or when token allotment is depleted)
Token sale start:	Sept 29, 2019 at 8:01 PM GMT
Sale end:	October 31, 2019 at 8:00 PM GMT End date earlier if the supply is depleted. Unsold tokens may be released after the sale.
Accepted currencies:	USD; Bitcoin; ETH No mining available
Implied market value of all Savant Tokens:	TBD
Token contract address:	TBD (Published through various channels 48 hours before crowd sale launch date)
Hidden Cap:	Revealed if 80 percent of the cap is reached
Duration:	The fundraiser will run for 30 days or until the hidden cap is reached, with a one-hour minimum time.
Token availability:	Savant contributions will be distributed immediately The ability to transfer purchase and liquidate the token through the smart token's contract will be enabled gradually during a time span estimated seven days following the fundraiser closing.
Security:	Funds will be held using multi-signature wallets according to industry's best practices

## Savant Exchange Rate

Interested parties will be able to access usage rights to Savant software tools and services by purchasing the Savant token. The value of Savant tokens, and how much Savant will be required to purchase an Savant product or service, will change dynamically based on the float exchange value of Savant. An average exchange rate value will be calculated periodically and used to price Savant goods and services for its users.

## Funding, Distribution and Auditing

Savant's main objective through the token allocation process is to raise the capital necessary to bring the entity's valuable Intelligent Performance Support to the business and consumer world. Savant tokens will be pre-mined and there will be no inflation. Therefore the initial token distribution must not only help launch Savant but also serve as a foundation for the future. As a tokenized entity, Savant tokens must carry the role of attracting employees, serving investment and developing strategic relationships.

## Allocation

- 40%** 40,000,000 Savant tokens will be sold to contributors during a pre-sale taking place before the crowd sale. In the case that the total amount of tokens reserved for the pre-sale event are not sold, the unsold tokens will be added to the public crowd sale event.
- 10%** 10,000,000 Savant tokens will be sold to the public via a crowd sale at the token generation event taking place on September 29, 2019.
- 15%** 15,000,000 Savant tokens will be distributed to the current and future Savant international team (those developing the Savant platform) to incentivize their use and testing of the Savant OS platform and network.
- 15%** 15,000,000 Savant tokens will be kept in a pool to incentivize the participation of courseware developers and for otherwise bootstrapping the platform.
- 20%** 20,000,000 Savant tokens will be held in reserve for bounties, partnerships, and future expenses.

<b>Hidden Cap:</b>	Revealed if 80 percent of the cap is reached
<b>Duration:</b>	The fundraiser will run for 30 days or until the hidden cap is reached, with a one-hour minimum time.
<b>Token availability:</b>	Savant for contributions will be distributed immediately. The ability to transfer purchase and liquidate Savant through the smart token contract will be enabled gradually during a time span estimated at seven days following the fundraiser closing.
<b>Security:</b>	Funds will be held using multi-signature wallets according to industry's best practices

## Use of Crowd Sale Proceeds

- 60%** Of the proceeds will be allocated to the development of the Savant platform and ecosystem, which includes hiring and growing a development team, implementing Savant strategies and other related expenses.
- 15%** Of the proceeds will be used for the legal, tax and other related corporate structure fees, and for potential liabilities of Savant.
- 20%** Of the proceeds will be part of the marketing budget to promote the Savant ecosystem and platform.
- 5%** Of the proceeds will be kept for miscellaneous and other unforeseen expenses.

## The Savant Team

### Gary Kimmons, MS: Founder; CEO

Mr. Kimmons is founder and chief visionary of the Savant brand. He began his career as a psychologist and Member of the Technical Staff at Bell Labs where Mr. Kimmons served as a human factors engineer, creating intelligent user interfaces for complex systems. He founded an intelligent learning company that created a key technology (SmartOne) chosen as the United

Nations Flag Technology for software. Mr. Kimmons' company successfully associated his brand with other national brands including National Geographic, The Smithsonian, Radio Shack, and AOL. He established all of the business processes and services for the company and Mr. Kimmons took his company to a \$500 million market cap. Mr. Kimmons has other notable accomplishments. He developed an award winning and patented learning software technology (SmartOne). He won the silver medal at the New York International Film Festival for his film entitled "Making Whole." The educational company he created, GK Intelligent Systems, was awarded top honors by the American Retail Exchange. Mr. Kimmons graduated from William Marsh Rice University with a bachelors degree in behavioral science and holds a master's degree in Management Science from Stevens Institute of Technology / Rutgers University in New Jersey.

## **Lance Kimmons: Co-Founder - President**

Mr. Lance Kimmons is a co-founder and President of Savant. Mr. Kimmons served as Chief Operating Officer of GK Intelligent Systems and has an in-depth knowledge and experience launching and managing a technology venture. As COO at GK Intelligent Systems Mr. Kimmons was responsible for overseeing the launch of the company's intelligent learning product as well as managing daily operations. He currently is engaged as a personal consultant in the martial arts and fitness industries, where he has excelled. Mr. Kimmons has a black belt in Brazilian jiu-jitsu and is a certified fitness trainer. A consultant to UFC martial arts, he has used his background and experience to educate and empower others, leading them to new levels of knowledge and achievement.

## **Dr. Ramiro Jordan, Director - Savant Collective Intelligence**

Dr. Ramiro Jordan is Founder and Executive Vice President of ISTE (the Ibero-American Science and Technology Education Consortium), a non-profit organization comprised of educational, research, industrial, and multilateral organizations throughout the Americas and the Iberian Peninsula. Currently he holds the position of VP for the Americas Region in the International Federation of Engineering Education Societies. He is also a Board member of the Engineering for the Americas Initiative, which is an Initiative of all Heads of State of the Americas Region hosted by the Organization of American States. He also is Executive Vice-president and Chief Development Officer of Gridline Communications Holdings, Inc. He is currently a faculty at the Electrical and Computer Engineering department at the University of New Mexico (USA) as well in the Universidad Nacional de La Plata, La Plata (Argentina). He obtained his MS and Ph.D. in Electrical and Computer Engineering from Kansas State University, 1984 and 1987 respectively, and the degree of Telecommunications Engineer at the Universidad Nacional de La Plata in 1981. He is active member of several Scientific and professional societies and holds national and international Honors and Awards. He actually serves as member of the Board of institutional and professional organizations. He has published extensively articles and books and is member of the Editorial Board of Computers and Software Engineering Magazine, Editor of Journal of Computer Science and Technology, Universidad de Plata, Argentina, Advisor of the International Conference in Engineering Education (ICEE), Advisor at The Institute of Electrical and Electronics Engineers (IEEE) Latin America Region, and Editor and Advisor at the Ibero American Journal on Technology in Education and Education in Technology.

## **Dr. John R Crossscope, PhD: Chief Consultant - AI**

Dr. Crossscope is original developer of ORB's proprietary AI inference technology engine. Dr. Crossscope has been developing cutting edge AI software applications since the early eighties. He has extensive experience in development for the Internet, and is well versed in a wide range of programming languages for Artificial Intelligence and mathematical software. He has competence with architectural design and systems analysis. He has held leadership positions at Knowledge Based Silicon Corporation where he developed a chip-based rule language, and was the go-to for AI issues for the company's ASIC (Application-Specific Integrated Circuits) CAD software product. He developed a neural network for nondestructive evaluation for the USAF. He worked in rule-based systems at the Intelligent Systems Group at the AT&T Human Interface Technology Center, Artificial Intelligence at Brightware (later MindBox) with a primary focus on financial applications, Applied Systems Intelligence developing systems for military applications, and several other leading technology companies. Dr. Crossscope will head the integration of AI technology with GRA's products and services.

## **Important Disclosure on Risk**

Savant Foundation, a not-for-profit foundation organized under the laws of Nevis (the "Company") and proposing to sell at varying prices up to 300,000,000 cryptographic Savant tokens through an Initial Token Sale or Token Generation Event (the "Token Sale"). The number of tokens to be sold, the purchase price per token and the other terms and conditions of the Token Sale will be determined by discussions between the Foundation and prospective purchasers.

By accepting this White Paper, you agree to receipt of the separate Initial Token Circular describing certain risks associated with the Token Sale, and to read and understand the same (the "Circular"). The tokens offered for sale in the Token Sale are speculative and involve a high degree of risk of loss in the purchase price. The tokens have not been registered with or approved or disapproved by any securities or commodities regulator in any jurisdiction, nor has any regulatory authority passed on the accuracy or adequacy of the content of this White Paper or the Circular. The Foundation expressly disclaims any representations to the contrary and has not authorized any third party to make in-kind representations.

This White Paper, and the accompanying Circular, both independently and collectively, do not constitute an offer to sell to, or solicit from, any individual or entity residing in any jurisdiction where such an offer or solicitation of cryptographic tokens or other digital currencies are unlawful. The Token Sale is not being offered in any entities and nations listed on the United States Office of Foreign Asset Control's Specially Designated Nationals and Blocked Persons List. Each prospective purchaser must comply with all laws and regulations applicable to it and in force, in any necessary consent, approval or permission required to be obtained to participate in the Token Sale where, under applicable law, it is so mandated. The Foundation shall bear no responsibility for any purchaser's failure to adhere to all laws and regulations applicable to it and in force during the Token Sale.

The Foundation's outside advisors have opined as to the applicability of prevailing securities laws with respect to the Token Sale. In the event the tokens being sold in the Token Sale are deemed to be "securities," the effect thereof may impair the rights, privileges, and value of the tokens. Likewise, the application of such laws may restrict the scope of the Token Sale and enervate the Foundation's ability to complete the Token Sale. The applicability of securities laws in any jurisdiction may also restrict the transferability and right of resale of the tokens. Moreover, changes in current laws and regulations in the jurisdictions where the Token Sale is occurring may further diminish the value of the tokens offered for sale in the Token Sale. The Foundation has not received any assurances or opinions regarding the future impact of changes in current laws and regulations.

Nothing contained in this White Paper or the accompanying Circular shall be interpreted as a promise or representation by the Foundation as to the past or future performance of the Foundation. Neither the White Paper nor the accompanying Circular are intended to be all-inclusive or contain all the information that one may rely upon when making an informed decision to purchase the tokens offered in the Token Sale. Each recipient of this White Paper and/or the Circular is responsible for conducting their own due diligence and retaining such professionals necessary to assess the relative risks associated with the Token Sale as well as the applicability of all laws and regulations which may concern the Token Sale. The contents of this White Paper and Circular do not constitute investment, legal or tax advice.

The information contained in this White Paper and accompanying Circular is predicated upon certain assumptions of the Foundation, which are forward-looking in nature and thus inherently uncertain. Moreover the White Paper and Circular include information obtained from trade and other publications which has not been independently verified as to its accuracy. The Foundation maintains no obligation to update, alter, or amend this White Paper or the Circular. Thus, unforeseen risks, uncertainties or other factors may cause actual results to vary wildly from anticipated results or the expected results of any prospective purchaser.