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Tesla's Final Prophecy: The World Brain

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Tesla's Final Prophecy: The World Brain

by Sam Volkering, Editor, Frontier Tech Investor

“From the inception of the wireless system, I saw that this new art of applied electricity would be of greater benefit to the human race than any other scientific discovery, for it virtually eliminates distance.

The majority of the ills from which humanity suffers are due to the immense extent of the terrestrial globe and the inability of individuals and nations to come into close contact.

Wireless will achieve the closer contact through transmission of intelligence... when wireless is perfectly applied the whole earth will be converted into a huge brain, which in fact it is, all things being particles of a real and rhythmic whole.”

This was the vision of arguably the world's greatest ever visionary, Nikola Tesla.

Forget Edison, forget DaVinci – Tesla had a greater impact on the world around us today than those two or any other ‘famous’ inventor you can think of.

And it's in these words above, Tesla's Final Prophecy that I believe the single biggest investment opportunity of the decade sits right before our eyes.

There are some key words in what Tesla says above.

Words like ‘intelligence’ and ‘brain’ are the ones you should focus on. Sure you can see wireless and electricity are mentioned, but those are the things that average investors will notice.

Visionary investors, those with the foresight like Tesla see him talk about intelligence and a ‘world brain’ and truly understand what the real prophecy is here...

Tesla is talking about a global consciousness connected by technology that you can't see, feel, touch or smell.

It's ‘invisible’ tech that is ingrained in all our devices, all our vehicles, all our infrastructure that connects us to each other, to our world, to the machines and devices that we live with day in, day out.

That's the crux, the heart and soul of Tesla's final prophecy and that's why in this report, I'm going to explain to you what I believe to be the single best, most exciting and potentially lucrative way to invest in ‘Tesla's Final Prophecy: The

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World Brain’.

So read on, soak up the information below and all the while remember this core idea of a globally connected ‘world brain’ that is the connective fabric of society and the foundation of our future world...

Tesla’s Final Prophecy: connecting the fabric of society

The Volkswagen ID. Vizzion is a glimpse into the future of Volkswagens. It’s big, wide and long. Inside it’s plush draped in the latest high-tech gear. It has recliners, not seats. You can interact with it via “mixed reality”.

Biometrics recognise you when you get close to the car. If you’re you, you’re in. If you’re not, you’re not... if someone else is trying to get in, no dice.

Inside it’s connected to the cloud, to networks, to 5G, it’s synced with your home your phone, your office... you. It knows things because it’s a mass consumer of data – your data, your personal data.

It looks and feels like the most high-tech car in the world. It is. But it’s not a car in the traditional sense. It has no steering wheel. There is no brake or accelerator.

It’s self-driving, that’s why. In fact, the only thing you ever need to do with the ID. Vizzion is get in, relax, and do whatever you please while the car takes you from A to B.

In the Vizzion you can stream music or watch movies. You can make calls, interact with friends and family through social sites. You can order a meal for when you get to your destination. You could make some long overdue holiday bookings.



Source: Wikimedia Commons

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Maybe you also want to do some work, that's fine too. No matter where you are, at any given moment in time, you're fully connected with the car, and the car is fully connected to you, all of your devices and importantly, the environment and the world around it.

Remember it's a self-driving car, so it's talking to other cars and critical infrastructure like traffic management systems, smart cities, weather bureaus – it's the most sophisticated, high-tech piece of machinery that's ever existed.

The only way this is all possible is thanks to connected devices – the “Internet of Things” (IoT). But even more so, this future is connected through decentralised, distributed networks, machine-to-machine (M2M) communication and importantly... M2M transactions.

This is the foundation of the ‘World Brain’ that Nikola Tesla prophesised. Connected networks of people, machines, intelligence that enables distance and time to be eliminated in how the world interacts, connects and transacts.

The I.D Vizzion is just one example of how this looks. But let me paint this picture with a little more detail for you.

Perhaps you're running late for a party, and you choose to take a new express lane into and across the city. The fast lane restricts the number of users in those lanes to keep it flowing. It also allows a 50% increase in speed for users.

The only thing is users have to pay to access the lanes. It's effectively a toll road.

It may be as simple as the flick of a button in the car to access this “traffic upgrade”. But in doing so, you instantly pay the traffic authority not via a credit or debit card, but via a micro-token transaction that comes via your car's internal ‘wallet’.

Or perhaps you might be taking one of the slower lanes on the motorway. As such, the car is operating on less energy, requiring less charging and a lower environmental impact. You're “driving green” so to speak.

As you're taking a more eco-friendly approach you might be actually earning more of these micro-tokens as a reward for being a good energy and mobility user. The more you travel “green”, the more micro-tokens you earn. These accumulate again in the car's internal, secure, encrypted wallet for you to use elsewhere.

Maybe you can cash them in later on in the fast lanes. Or maybe you can transfer them in for upgrades or bonus rewards at certain retailers or other transport benefits.

Or maybe you need to recharge the car's electric batteries – so you pull into a fast charger at the recharge station. You plug in, charge up and then just drive away. Easy.

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No payment cards, no going in to queue up at the register. That's because the moment you plug in, M2M transactions are taking place between your car and the charging infrastructure. You're paying, but in the micro-tokens directly from the car's internal wallet.

These micro-tokens you've loaded in and earned along the travels are also known as cryptocurrencies.

These reward tokens are perhaps sent from the environmental agency via connected, wireless, instantaneous networks instantly and via one piece of infrastructure machinery to your machine.

This constant flow of communication that lets one machine know how you're moving about, how you're interacting with your world, and vice-versa is all part of the IoT revolution and also the explosion of distributed, decentralised network technology. But to then implement another layer over that, a constant flow of transactions between devices and machines to pay and reward participants on the network, sending and receiving information and data flow, is central to our future of decentralising industry, monetising data and creating a seamless 'smart' world.

Data is arguably one of the most valuable commodities on earth. And through distributed, decentralised ledger technology, M2M transactions and the IoT, how we utilise that data, how we pay for it, send it, store it and spend it, is all set to change for our seamless, automated, connected future.

These connected networks are the new infrastructure opportunities of the 21st century. They are the proverbial 'railroads' that are the foundation of our connected, instantaneous world.

They allow data, information, intelligence to flow from one place to another, from one person to another, from one machine to another without delay, seamlessly, and efficiently to power our world.

These new networks are the foundations of cryptocurrencies and they are enabling technologies that allow for Tesla's Prophecy to be delivered to us now. This is the World Brain that Tesla foresaw.

Distributed, decentralised networks are the World Brain – and the energy that powers these new networks, that provides smart, early, visionary investors potentially huge, life changing opportunity are the crypto currencies that ride on these networks.

And at the heart of Tesla's Prophecy, the World Brain and the development in M2M networks and transaction is a cryptocurrency network that I believe will be the rock-solid foundation of our future world.

It is the IOTA network and its crypto-token, IOTA.

The biggest names in world are in, who's next?

IOTA is defined broadly as a cryptocurrency project. But in reality it's far more than that. It carries many of the properties of a 'typical' cryptocurrency, distributed, decentralised, but there's a distinct difference that makes it part of Tesla's prophecy and not just another 'crypto'.

At the very heart of what IOTA is doing, we see this as a technology opportunity, not a 'crypto' opportunity. Hence when you think about this, consider this as an investment that's how I want you to think of it too.

In deciding to action this recommendation, think of this as a chance to invest in the infrastructure of the future 'World Brain' not a chance to invest in a crypto. The mechanisms of doing this I'll explain shortly, but first, let me give you some idea of what IOTA is, how it works and what makes it such an exciting technology play.

IOTA is built on 'Tangle' technology. Now the important thing to understand here is this isn't your typical blockchain like a cryptocurrency such as Bitcoin uses. IOTA doesn't require blocks like a blockchain does.

The foundation of Tangle is "directed acyclic graph" (DAG) technology. This gets damn complex from a technical perspective. So I'll break it down as simple as I can.

In short, the more people that use the network, the more it scales and the better it gets. Unlike blockchain that can congest with more users, Tangle with more users means more and faster confirmations, hence a more efficient and effective network.

A good analogy I saw regarding this process is,

It makes no sense to sort a puzzle just from one corner, piece after piece if you can have multiple eyes looking simultaneously and randomly for the right pieces to form the puzzle, from multiple corners. The more eyes, the faster it gets.

Also, the transactions don't have to be concurrent in the Tangle. The "tangles" (transactions) can be out of order – and the way a Tangle works is like an end-of-day audit for all the transactions to ensure everything balances out and there is no negative balances left over.

For example,

Imagine that Alice sends 10 iotas to Bob, she attaches her transaction to the tangle and in 5 mins Bob spends 7 iotas from these 10. Unfortunately, Alice's transaction might be attached to some part of tangle that is not widely seen, but Bob's transaction is picked by 99% of

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the network right away.

It would be a bad idea to make Bob wait just because he had business with a woman from “suburbs”. IOTA allows to include Bob’s transaction and during some period of time the ledger will be inconsistent (because the majority thinks that Bob spent iotas out of thin air), but no one really verifies that the ledger is consistent every single second. 2 mins later Alice’s tx might be adopted by the network and then everything will be fine.

For now, the crucial part to all of this and the part you really need to understand is that Tangle allows incredibly fast, micro and nano-transactions and that it only improves as it scales.

By applying Tangle to its vision, IOTA aims to deliver a connected network to our upcoming autonomous machine (M2M) economy.

In a world where machines talk and transact with each other in nanoseconds with nanopayments, I believe IOTA will be the backbone to it all. This is Tesla’s Prophecy playing out in real life, right now.

The Tangle ledger is able to settle transactions with zero fees so devices can trade exact amounts of resources on demand, as well as store data from sensors and data loggers securely and verified on the ledger.

It’s this future world of M2M transactions and M2M communication that has some of the world’s best and biggest companies kicking down the door to get involved with IOTA.

Importantly for investors like you, with IOTA tech rolled out across billions of global IoT and connected devices, it’s the native MIOTA/IOTA token that rides the IOTA network at the centre of it all that is needed to facilitate these nanopayments to make it all happen.

It’s for this reason that the biggest industries in the world want in. And why one has already secured a key partnership that takes us towards that future of connected cars.

In April 2019 Jaguar Land Rover announced a partnership with IOTA.

Drivers will be able to earn cryptocurrency and make payments on the move using innovative connected car services being tested by Jaguar Land Rover.

Using ‘Smart Wallet’ technology, owners earn credits by enabling their cars to automatically report useful road condition data such as traffic congestion or potholes to navigation providers or local authorities. Drivers could then redeem these for rewards such as coffee, or conveniently use them to automatically pay tolls, parking fees and for

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smart charging electric vehicles. ‘Smart Wallet’ removes the need for drivers to hunt for loose change or sign up to multiple accounts to pay for a variety of everyday services.

But that’s not all. The Bosch Group has been involved in IOTA development and research for a number of years now. From early investment in this space through to the development of an open source data marketplace that can integrate IOTA.

It’s an example of how a global conglomerate is looking to use cryptocurrency for our connected, ‘World Brain’.

In 2017 venture capital arm of the Bosch Group, Robert Bosch Venture Capital GmbH, invested in IOTA tokens:

Robert Bosch Venture Capital GmbH (RBVC), the corporate venture capital company of the Bosch Group, has purchased a significant amount of IOTA tokens, one of the largest cryptocurrencies in the world. In doing so it hopes to intensify the collaboration with the IOTA Foundation, an open-source non-profit foundation from Germany. RBVC also intends to elevate the technology to maturity by bringing it closer to Bosch’s global ecosystem and key partners.

We have been working with the IOTA team for more than one year. I’m very excited about IOTA’s innovative tangle technology, which could potentially become the standard underlying technology for trustless machine to machine communication, security and payment in the IoT space.

It’s also been developing a data marketplace with IOTA to support the future M2M economy:

The future of the world is driven by data, and things around us become smart and connected by the use of connected devices. This can even result in completely new business areas. Three potential use cases for the future within a Data Marketplace could be:

- *A company decides to rent out their machines and measures the exact amount of time a customer used the machine and bills them accordingly with a cryptocurrency*
- *The XDK confirms that a machine is operating under proper conditions and sets up these data transactions on the DLT, for both the operator and supplier to see.*
- *The XDK is used for an audit trail in a similar concept. If data must be transported under specific conditions, the XDK can monitor this and the DLT creates a paperless record for all parties to follow.*

It can be said that any use case is feasible where the Bosch XDK measures sensor

data and there are potential buyers for this data.

Jaguar Land Rover and the Bosch Group – two global names already involved in IOTA and the future of IoT and M2M transactions.

This is easily the biggest sign that these global giants of industry see IOTA and its MIOTA/IOTA token playing a substantial role in the future of their products and services. This isn't a decision they would take lightly.

More recently IOTA has also been involved in working groups around the future of mobility with the likes of Renault, BMW, Ford, General Motors, Honda, IBM and of course, Bosch.

The future is bright for the IoT, for connected services, for connected cars and the M2M economy – at the heart of it, I believe, will be IOTA. And now is the time to get your stake in it.

Great prophecy comes with great risk

Of course when Tesla spoke of the future, no doubt he appreciated the fact that to get there wouldn't be an easy journey. And that he would unlikely see many of his visions actually come into force.

That's because great change, great prophecy comes with great risk. And when it comes to this investment, you aren't investing in a 'traditional' stock like you typically would.

You won't find IOTA tokens listed with your online stock broker. You won't find it quoted on Bloomberg or Yahoo! Finance.

To capitalise on Tesla's Prophecy: The World Brain you will need to buy a crypto token, IOTA and use the right exchanges in order to do this. And that's why I'm going to explain how to go about it.

You can also reference my special guide, ['The Ultimate Starter's Guide to Crypto'](#) which outlines all about this fascinating exciting world and importantly detail on IOTA and how to ensure you can get it in the right way.

And potential like this also comes with a great element of risk, as all high risk/high reward opportunities do.

The crypto markets in general are so early stage and this is all still so developmental at this point that there's no guarantee of future success.

IOTA could fail miserably if it cannot prove to deliver a stable, efficient and effective network. If the M2M transactions through Tangle aren't as fast, low cost and effective as it expects, then the likes of Jaguar Land Rover and Bosch will look

elsewhere or drop these developments.

The reliability of IOTA and the network is also important.

In early 2020, the Trinity wallet, which was the previous main storage wallet for IOTA, was shown to have security vulnerability and hackers made off with a huge chunk of IOTA.

This forced the network to be down for around 20 days in February and March 2020. That's not the kind of reliability that's needed to be trusted amongst the world's biggest names and companies. And it shook the development of the project and the network.

The system has been back online since then with no issues and in fact IOTA has shown great resilience and strength ever since. Its recent upgrade to the Firefly wallet in place of the old Trinity wallet is an example of this. But like any kind of network and system like this that's still in its relative infancy, there are technical risks such as this that you need to consider.

If IOTA cannot deliver on milestones, or produce test networks that can scale to the level these giants of industry require, then IOTA could be a dead duck.

IOTA's success is predicated on scale, on billions of IoT and connected devices integrating IOTA technology to enable M2M transactions to take place.

If it cannot scale and build out its network, it may fail. And the MIOTA/IOTA tokens that form the foundation of the whole ecosystem could be worthless.

Likewise, when the big crypto like bitcoin and Ethereum fall, the market still tends to fall with it. Crypto markets move as one for now, and a bad day can see all crypto, IOTA included, wipe off double-digit figure losses in a matter of hours.

Even if there was positive news about the project, it could still get hammered by the broader crypto market.

This is the volatility that comes with all crypto investing because of its experimental, early-stage nature.

Again, you must be comfortable with these risks, and with the inherent volatility of the crypto markets.

But if you accept the risks in play, then when it comes to a connected future of IoT and M2M transactions and a chance to invest in Tesla's Prophecy: The World Brain, in my analysis there is no better project out there in my view than IOTA.

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Buying instructions

IOTA is still not quite as easy and functional to get as something like Ethereum or bitcoin.

It requires you to interface through a web wallet if you want to store them with a hardware device as we recommend.

At this stage if it's all new to you, we strongly recommend reading and absorbing my 'Ultimate Starter's Guide to Crypto' before diving in. This explains a lot about all this including the use of hardware devices to store your crypto like IOTA.

And when you've got your IOTA we do recommend using a hardware device.

You can connect a [Ledger Nano S hardware wallet to the IOTA](#) interface to secure your IOTA tokens.

For example, the Firefly wallet is IOTA's main wallet. Once downloaded, you proceed through the setup steps, ensuring to protect and secure your seed (to ensure you can recover your wallet if needed) and setting up wallet addresses.

You can see the Firefly guide for using the Ledger Nano S [here](#).

You can buy IOTA direct from some exchanges with fiat money. You may need to check a number of them to ensure you're registered with one that you can do that with. But you can also head to an exchange like Bitpanda, which allows you to trade/buy IOTA tokens in a number of trading pairs (BTC, ETH). Once you've got your IOTA tokens, you simply then withdraw them from Bitpanda's exchange to the Firefly wallet you've set up.

While the process for getting and storing the IOTA tokens is very similar to that of other cryptocurrency, that's by design, but the actual underlying network that IOTA exists on as I say, isn't a blockchain but the Tangle, so things are a little different and new.

But once you've got and secured your IOTA, I recommend holding long term.

Finally, you will see IOTA tokens referred to as both MIOTA and IOTA – they're the same thing.

Action to take: buy IOTA's MIOTA token. Store with a hardware wallet or a secured web or mobile wallet.

Please make sure you review the latest advice before purchasing. [Click here](#) for the latest portfolio.

Regards,

A handwritten signature in black ink, appearing to read 'Sam Volkering', followed by a long horizontal line extending to the right.

Sam Volkering
Editor, *Frontier Tech Investor*