



ITC

WHITE PAPER

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Disclaimer



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1. Overall market report:

1.1 Worldwide financial market:

Global politics are awash with uncertainties .The tensions escalating on the Korean Peninsula show no sign of cooling, There is no escape from the chaos in the Middle East, and the breakaway waves in many parts of Europe bring significant signs of insecurity. Investment in gold or securities is not as profitable as historically expected.

1.2. Overall crypto currency market:

The crypto currency market is growing stronger than ever,which is reflected in not only Bitcoin but also in other competing Altcoins.

the fastest and most profitable investment channel that neither gold nor real estate can compete with.

Bitcoin accounted for 90% of the crypto currency market, Ethereum had 5 %, and all other Altcoins shared the rest by the beginning of 2017.

The market share was split at 50% of Bitcoin and 50% of other Altcoins by the mid 2017.



However, by the beginning of 2018 over 60% of the crypto currency market is commanded by Altcoins while 30% is being held by Bitcoin. This shows the dynamic shift of crypto market with an increased interest in Alt coins over the existing Bitcoins. The interest of intelligent investors in Altcoin investments, especially the token sales is due to the prospect of the new crypto currency to be valued thousands of times in the future

So if you are hesitant to grab some tokens in the first sale, they will be gathered by all WHALE investors very quickly.

Records show that more than 90% of the Token available at the ICO were purchased in a very short time

Investment in Crypto Currency is attracting more and more attention.

The statistical charts with higher and higher peaks of the crypto currency market make people eager to invest in it

The field of digital payment especially digital money has witnessed many strong influences from the industrial revolution 4.0 recently.

The total capitalization of the crypto currency market stands at present at \$170 billion

In early June 2017, Ronnie Moas, a security analyst and founder of Standpoint Research, predicted that the crypto currency market would reach \$ 2,000 billion over the next five years.

1.3.About Titanium

*Titanium is a chemical element with symbol **Ti** and atomic number 22. It is a lustrous transition metal with a silver color, low density, and high strength. Titanium is resistant to corrosion in sea water, aquaregia, and chlorine.*



1.4. Titanium usage

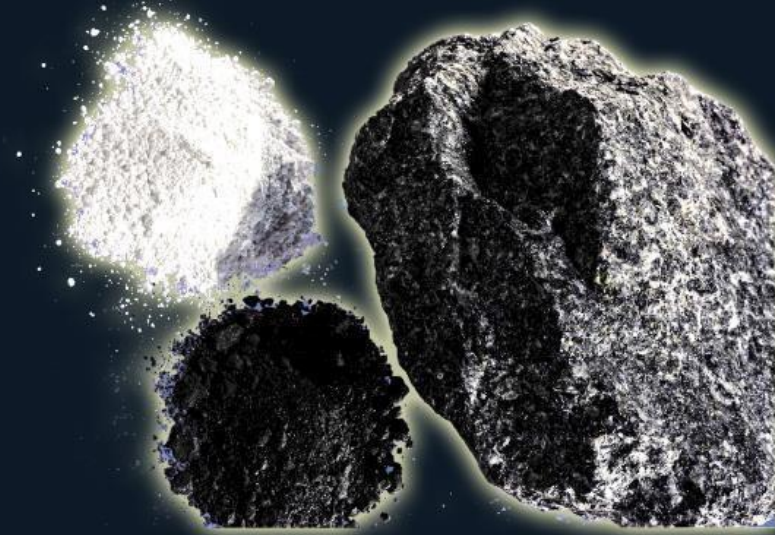
i) Aerospace/Marine/Missiles/Spacecraft:-

Because titanium alloys have high tensile strength to density ratio, high corrosion resistance, fatigue resistance, high crack resistance and ability to withstand moderately high temperatures without creeping, they are used in aircraft, armor plating, naval ships, spacecraft and missiles



ii) Pigments/Additives/coatings:-

About 95% of all titanium ore is destined for refinement into titanium dioxide (TiO₂), an intensely white permanent pigment used in paints, paper, toothpaste and plastics. It is also used in cement, in gemstones, as an optical pacifier in paper and as a strengthening agent in graphite composite fishing rods and golf clubs



iii) Industrial:-

Welded titanium pipe and process equipment (heat exchangers, tanks, process vessels, valves) are used in the chemical and petrochemical industries primarily for corrosion resistance.



iv) Oil and Gas:-

Specific alloys are used in Oil & Gas down hole applications and nickel hydrometallurgy for their high strength (e. g.: titanium Beta C alloy), corrosion resistance or both.



v) Consumer and architectural:-

Titanium metal is used in automotive applications, particularly in automobile and motorcycle racing where low weight and high strength and rigidity are critical.



vi) Sports:-

Titanium is used in many sporting goods: tennis rackets, golf clubs, lacrosse stick shafts; cricket, hockey, lacrosse, and football helmet grills, bicycle frames and components. Although not a mainstream material for bicycle production, titanium bikes have been used by racing teams and adventure cyclists.



vii) Spectacles:-

Titanium alloys are used in spectacle frames that are rather expensive but highly durable, long lasting, light weight, and cause no skin allergies. Many backpackers use titanium equipment, including cookware, eating utensils, lanterns and tent stakes



viii) Jewellery:-

Because of its durability, titanium has become more popular for designer jewelry (particularly, titanium rings).





ix) Medical:-

Because titanium is biocompatible (non-toxic and not rejected by the body), it has many medical uses, including surgical implements and implants, such as hip balls and sockets (joint replacement) and dental implants that can stay in place for up to 20 years

x) Nuclear Wastage:-

Because of its corrosion resistance, containers made of titanium have been studied for the long-term storage of nuclear waste. Containers lasting more than 100,000 years are thought possible with manufacturing conditions that minimize material defects. A titanium "drip shield" could also be installed over containers of other types to enhance their longevity.

- *By the end of 2018, we will be a step ahead in the usage of ITitanium coin, We are collaborating with organizations who use Titanium in making of their products. Our major collaborating industries include Titanium Jewellery, Titanium Watches and Medical Industry. ITitanium coin holders are privileged to purchase products from the above industries using their ITitanium coin.*

5. Market

Titanium, being an extremely valuable and rarely available metal, garners a high demand in the market with minimal to no marketing. USA, Canada, Europe and Australia are the key users.

2. Creation and development

1. How was the crypto currency created and developed?

The majority of financial transactions in our modern times have been gradually transformed into electronic ones.

With credit card companies charging high transaction fees and punitive interest rates and cash being expensive as well as inconvenient for international transactions, digital money is the best choice to bring significant benefits for both enterprises and consumers.

The emergence of a range of digital currencies such as Bitcoin, Ethereum, Litecoin have proved against all odds that they are beneficial in financial transactions as well as their economic value.

Central banks in many countries have begun their own digital money projects.

It really is a revolution in payment methodology!



2.2 ITitanium Coin creation and development

ITitanium Coin was created not only to make the best use of all current technical advantages that previous digital currencies have contributed to the crypto currency community, but also to develop profound technical features bringing additional benefits to both consumers and service providers.

January 2017, ITitanium Coin was created by a team of experienced London developers as a new digital currency based on decentralized technology from a transparent platform.

ITitanium Coin Team conducted exhaustive research on the Technological advancements of crypto currencies, connecting with experts, to build the ITitanium Coin ecosystem.

ITitanium Coin is ready for launch!



ITITANIUM COIN INTRODUCTION

2.3.1. What is ITitaniumCoin?

ITitanium Coin is a crypto currency based on Peer to Peer online payment network, using Script PoS/PoW algorithm that allows instant and almost free online payments directly to anyone, anywhere in the world.

ITitanium Coin is a global payment network based on distributed open source codeworking without any central administrators.

The network is secured by mathematical coding allowing users to control their own finances.

ITC TECHNICAL SPECIFICATIONS

What is Proof-of-Stake Algorithm?

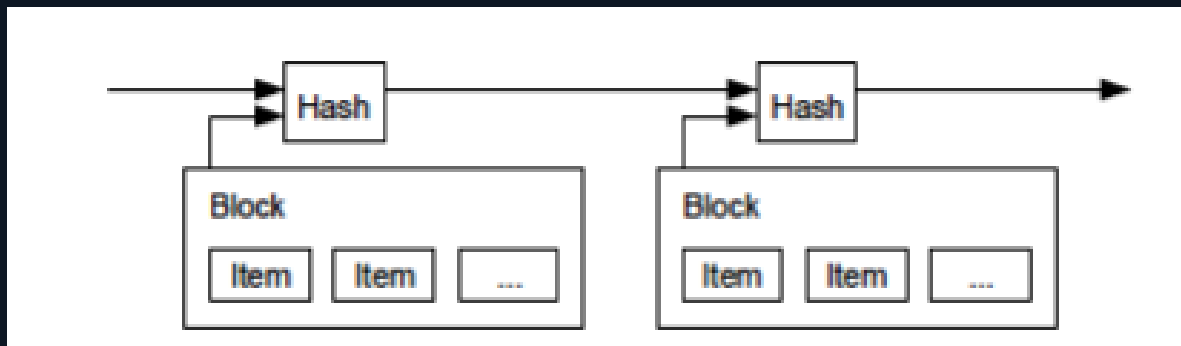
Proof of Stake (PoS) is a method of securing a cryptocurrency network that relies upon users showing ownership of coins in order to sign blocks. In the long run, the probability of signing blocks is proportional to the amount of coins owned. Someone owning 1% of total coin supply will be able to sign 1% of all proof of stake blocks. Compared to proof of work approach, proof of stake requires significantly less computational power and thus less energy usage.

Coin Age and Linear Proof-of-Stake

Fundamental to most implementations of Proof of Stake, including that of ITitanium coin, is the concept of Coin Age. Essentially, this is a measure of how long a coin holder has held onto coins without spending or moving them. From the time a transaction is completed, coins that were part of that transaction begin to accumulate Coin Age (which starts at zero). In its simplest form, entitled "linear coin age", coins will accumulate a minute/hour/day/year of Coin Age each minute/hour/day/year of age. For example, a person that holds 365 coins for 100 days accumulates 36,500 'coin days' or approximately 100 'coin years' (A 'coin year' is defined to account for leap years, and thus is not exactly 365 days, but ~365.24 days). Linear Proof-of-Stake designs have attracted criticism in relation to Coin Age. Many argue that linear Proof-of-Stake encourages hoarding of coins (which can have a detrimental effect on trade and transfer volume). Another valid complaint against linear Proof-of-Stake relates to the effect it can have on network security. Linear Proof-of-Stake implementations often suffer due to users periodically connecting to the ITitanium network to stake their coins and then disconnecting once all Coin Age has been destroyed. The user then waits until Coin Age has replenished before repeating the connect-stake-disconnect process. This does not provide the best security for the network, and a Proof-of-Stake algorithm that rewards frequent or constant staking would be most beneficial to ITitanium coin and related Proof-of-Stake currencies.

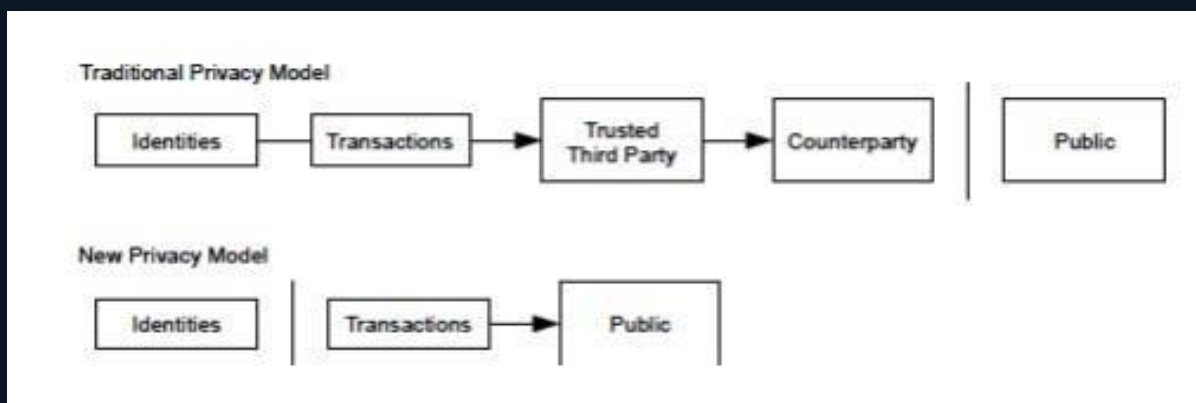
Timestamp Server

The solution we propose begins with a timestamp server. A timestamp server works by taking a hash of a block of items to be timestamped and widely publishing the hash, such as in a newspaper or Usenet post. The timestamp proves that the data must have existed at the time, obviously, in order to get into the hash. Each timestamp includes the previous timestamp in its hash, forming a chain, with each additional timestamp reinforcing the ones before it.



Privacy

The traditional banking model achieves a level of privacy by limiting access to information to the parties involved and the trusted third party. The necessity to announce all transactions publicly precludes this method, but privacy can still be maintained by breaking the flow of information in another place: by keeping public keys anonymous. The public can see that someone is sending an amount to someone else, but without information linking the transaction to anyone. This is similar to the level of information released by stock exchanges, where the time and size of individual trades, the "tape", is made public, but without telling who the parties were.



As an additional firewall, a new key pair should be used for each transaction to keep them from being linked to a common owner. Some linking is still unavoidable with multi-input transactions, which necessarily reveal that their inputs were owned by the same owner. The risk is that if the owner of a key is revealed, linking could reveal other transactions that belonged to the same owner.

2.3.2 Itanium Coin Ecosystem and Opportunity

The whole of Titanium Industry Space i.e Titanium Metal Miners, Ore Extraction, Processing Plants, Ti and Tio₂ Distributers, Dealers and Titanium End Product Companies, need to either process, distribute, buy and sell Titanium or Tio₂ (Titanium Dioxide) related products to each other.



It is on this Titanium Ecosystem or Titanium goods exchange system that the ITC coin Project is focused on. By partnering with the right suppliers and end product Companies in the Titanium space, the ITC coin will be used to create a common worldwide platform to facilitate a fair trade, exchange and distribution of Titanium goods and products between different industry partners.



Ti – Titanium

TiO₂ – Titanium Dioxide

The ITC coin Ecosystem will help different Titanium Suppliers, Distributors & End product use companies (both Small & big) to have multiple channels of business all over the world and a uniform opportunity and flexibility in doing successful business without having to be wholly dependent on one primary local or international supplier or distributor.

And "To Increase the Transparency of the exchange of goods and related transactions", the ITC coin uses a Blockchain. Since Blockchain is a Decentralized system or a Trustless system, all involved partners in the exchange of goods and services will have a clear visibility of any and all ITC transactions made in the process and a permanent record on the Blockchain.

In Summary, Primary Benefits of ITC coin Ecosystem for the Titanium Space are

- 1.To Provide a Transparent system of payments and a permanent record system between diverse Titanium Industry partners through the use of Blockchain.
- 2.To allows every Titanium Industry entity (Big or Small) to have a common worldwide access to diverse industry partners for better business and wider growth opportunities.
- 3.Superior and faster distribution of goods and services through faster payments and a common token use.
- 4.End users or consumers can also use the ITC tokens to buy Ti or TiO₂ products for individual uses and also avail the growth of the ITC token utility value over time due to the ITC ecosystem.

Because of the very wide and diverse uses of Titanium/TiO₂ for various products like household, food, pigments, cosmetics, paints, coating, jewelry, military, energy, aerospace, medical products, etc. and the sheer size of the Titanium Industry Space, the ITC coin has a massive opportunity of growth and utility. The goal of the ITC company is to make the **ITC coin a representative exchange token for the entire Titanium Industry space.**

3. Introduction to ICO

1. ICO and Crowdsale Terms

1. What is ICO?

We see that
Titanium has a
vision for a
'world computer,' (in
more specific words, a
world network of
decentralized
applications) and it is
determined to develop
an ecosystem where
everything functions as
one without problems.

Initial coin offering (ICO) is an unregulated and controversial means of crowd funding via use of crypto currency, which can be a source of capital for startup companies. In an ICO, a percentage of the newly issued crypto currency is sold to investors to finance the project in future.

3.1.2. What is Crowdsale?

Crowdsale is token sale selling sequence of a new crypto currency during its ICO period. A token is issued as a stock and named as its crypto currency when sold to investors. One or more Crowdsale sequences can be held by a new crypto currency. Crowdsale sequence usually lasts between 10 days and 1 month until the target, the planned amount of Bitcoin or Ether is reached. There have been instances in the history of Crowdsale, where the sale lasted only a few hours as the target was quickly gained due to the crypto currency's attraction.



3.2. ICO history:

ICOs have experienced a significant rate of growth in 2014-2016, with the overall funding rising from \$26 to \$222 million. One of the very first ICOs, Mastercoin, has managed to secure \$5 million worth of Bitcoins.

Subsequently, other tech companies have followed Mastercoin's model. In mid-August, 2017, there were 157 raised ICOs and raised over \$3.2 billion funding.

The ICO market is growing exponentially, with \$168 million in crowd funding resulting in a market capitalization of \$4.5 billion. (Forbes)

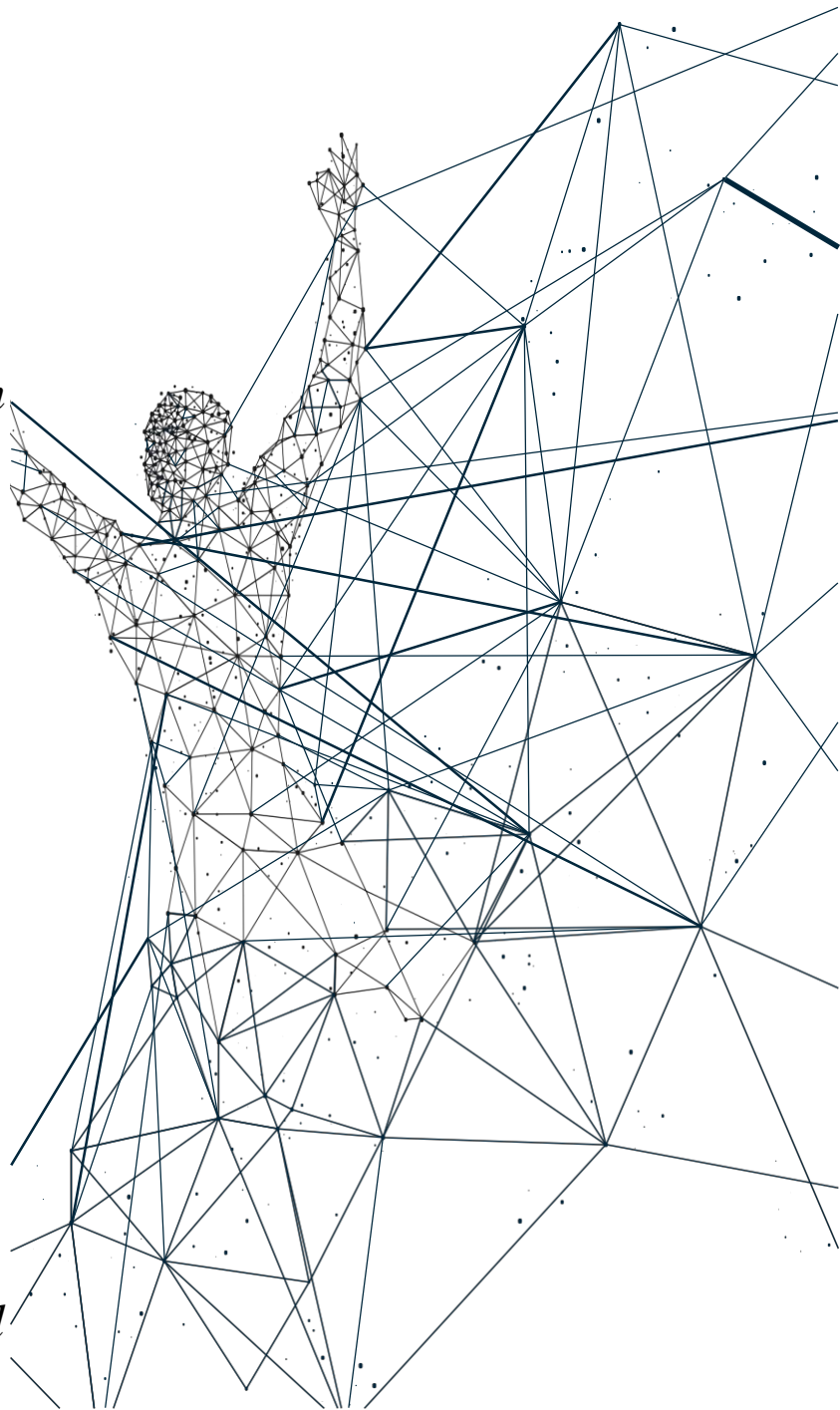
3. ITitanium Coin's ICO

1. When will it happen?

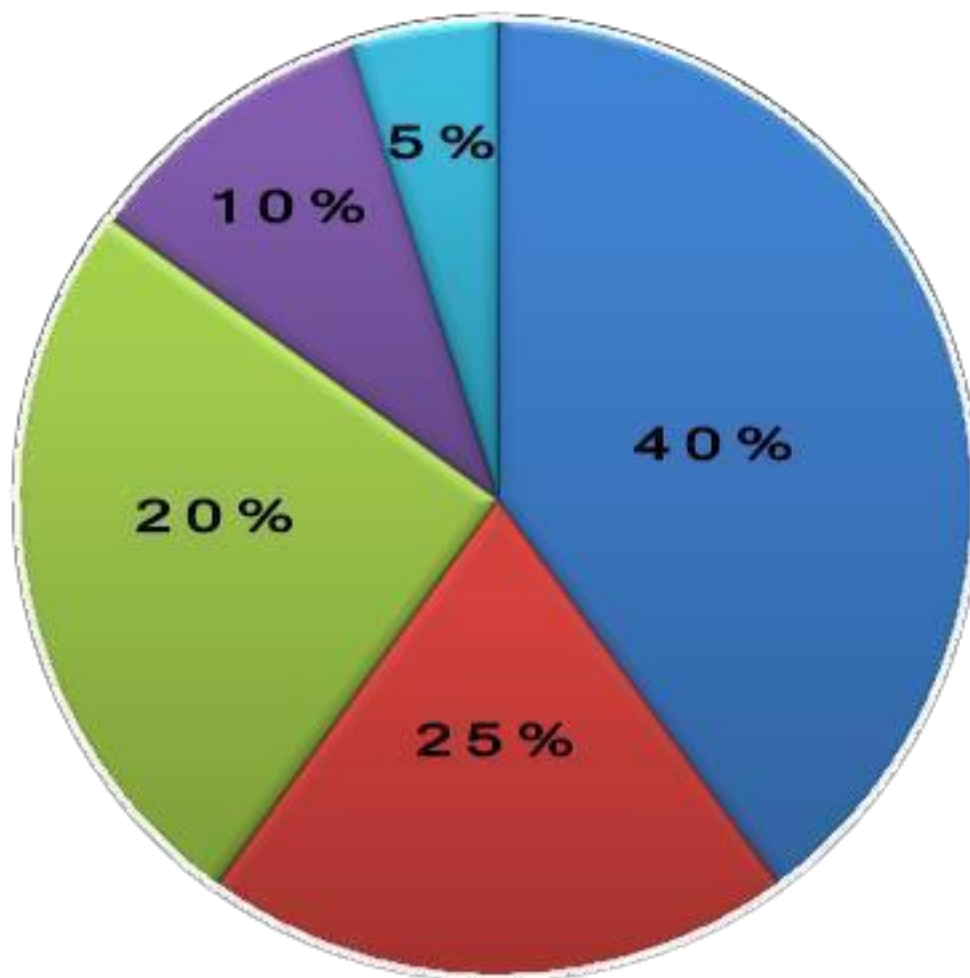
ITitanium Coin will be activated on December 2017 via its ICO. ITC will distribute 6.9 million ITC Coins. This is really a great opportunity to invest in ITitanium Coin at its lowest price of just \$ 0.5 as well as to make money through Coin Staking.

This crowd sale sequence is planned to month of December 2017 to January the 31st 2018. However it may end sooner if 6.9 million ITitanium Coin is sold out and ITC achieves its target early.

All unsold coins will be distributed to all ICO buyers based on their percentage.



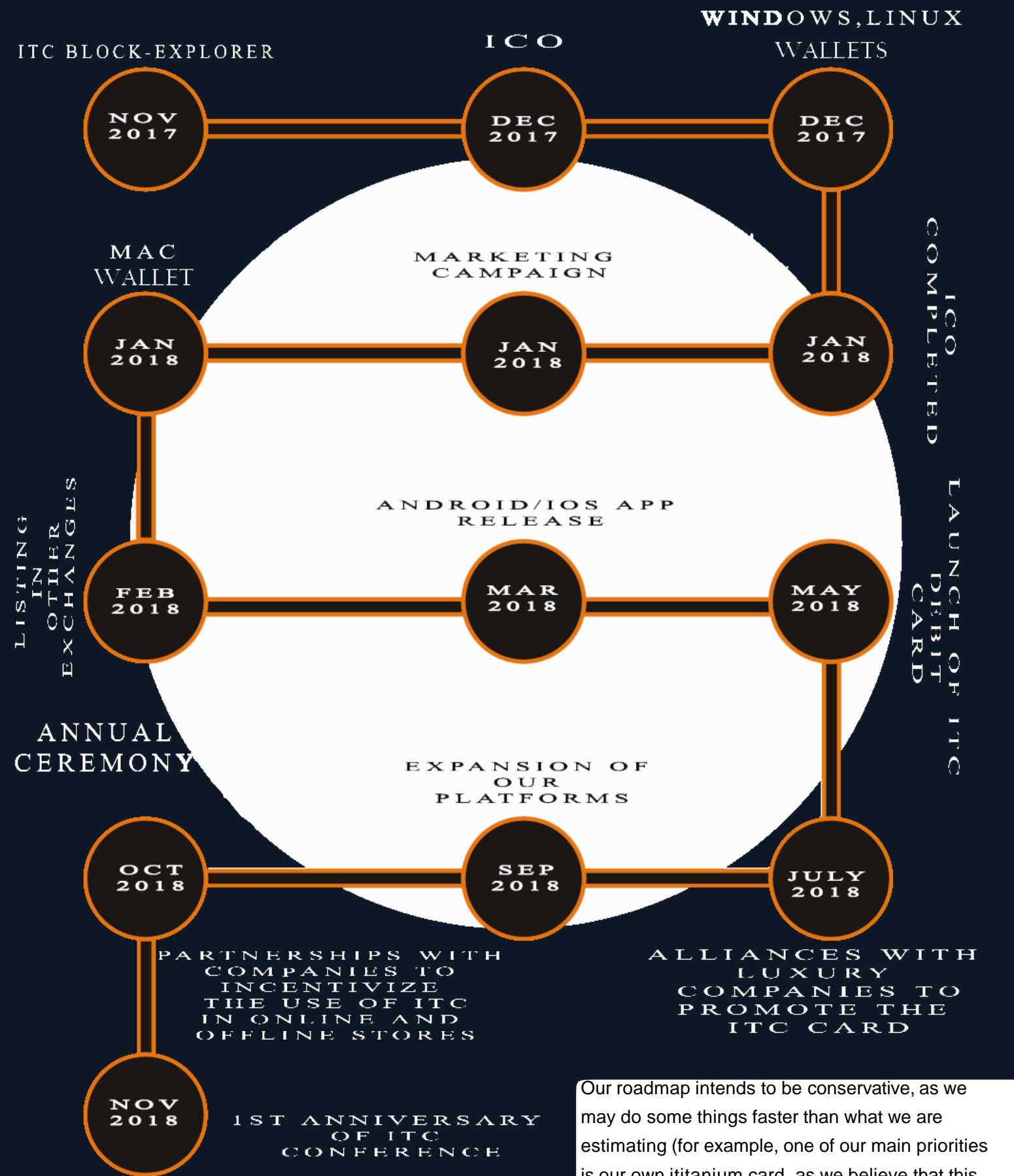
ICO funds uses will be as follows



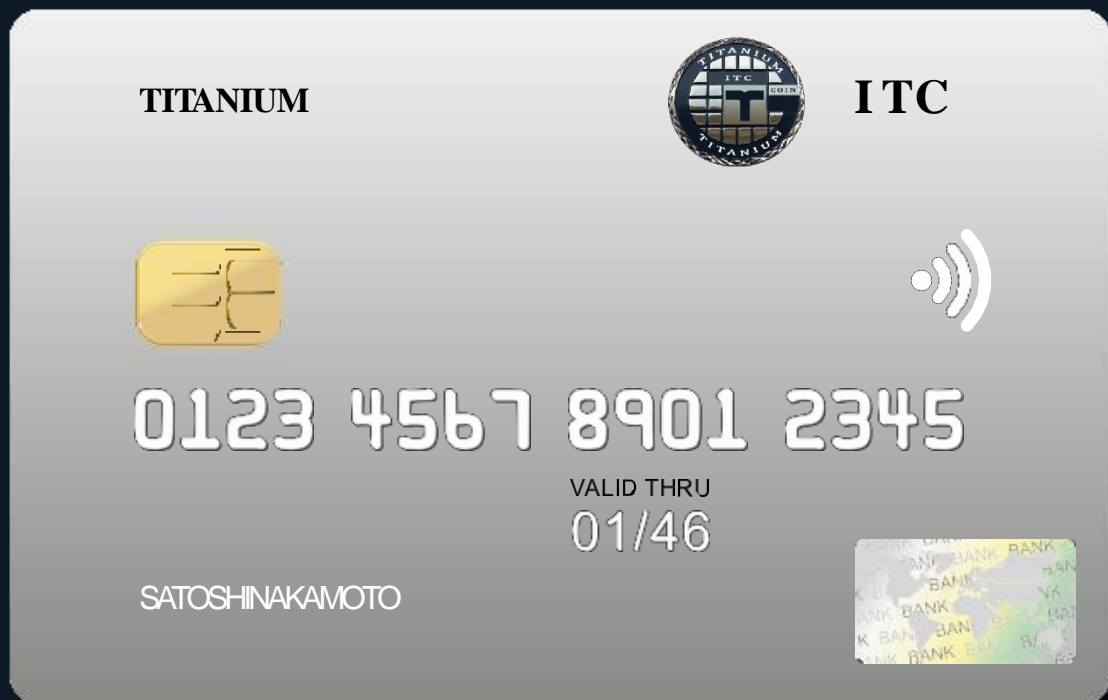
- RESEARCH & DEVELOPMENT
- OPERATIONS
- ADVERTISING
- MARKETING
- LEGAL



ROADMAP



Our roadmap intends to be conservative, as we may do some things faster than what we are estimating (for example, one of our main priorities is our own itanium card, as we believe that this will generate a lot of attention, and we hope to don't wait until May 2018 to have it ready). Also, we are sure that our community will have more ideas to add in our roadmap.



➤ Go shopping with ITC coin
It's easy to load your ITC Debit Card with funds from your ITC Wallet and spend traditional currencies anywhere major cards are accepted.

➤ No ID verification required
ITC customers are not required to complete ID verification provided they stay within the lower debit card limits. It is possible to increase security if desired.

➤ Online or offline
A ITC debit card works online, offline as well as internationally, making it simple for our users to use at businesses all around the world.

➤ Standard or Express delivery
We always have cards in stock, so yours can be shipped the day after you place your order. The fastest option to receive the card is through DHL Express service. (3-10 Business Days)

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3. https://wiki.openssl.org/index.php/Elliptic_Curve_Diffie_Hellman
4. <http://blog.ezyang.com/2012/07/secure-multiparty-bitcoin-anonymization>
5. <https://bitcointalk.org/index.php?topic=279249.0>
(CoinJoin: Bitcoin privacy for the real world)
6. <https://bitcointalk.org/index.php?topic=27787.0>
(Proof of stake instead of proof of work)
7. https://en.bitcoin.it/wiki/Proof_of_Stake
8. https://en.bitcoin.it/wiki/Deterministic_wallet
9. <https://github.com/bitcoin/bips/blob/master/bip-0032.mediawiki>

USEFUL LINKS

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www.ititaniumcoin.com





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