



Obirum

WHITEPAPER

Version 2.1.1

Obirum White paper is a living document.

We are constantly upgrading our white paper to answer all your questions and provide all information you could possibly need before participating in our ICO and understanding Obirum solution, products, and token.

If you miss any kind of information, please reach out to us at:

<https://t.me/obirum>

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Updated: 2018-02-23

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1. Overview

The number of internet users with market share of mobile is growing rapidly. Every day, users interact with a variety of applications and games, and the browser is indispensable.

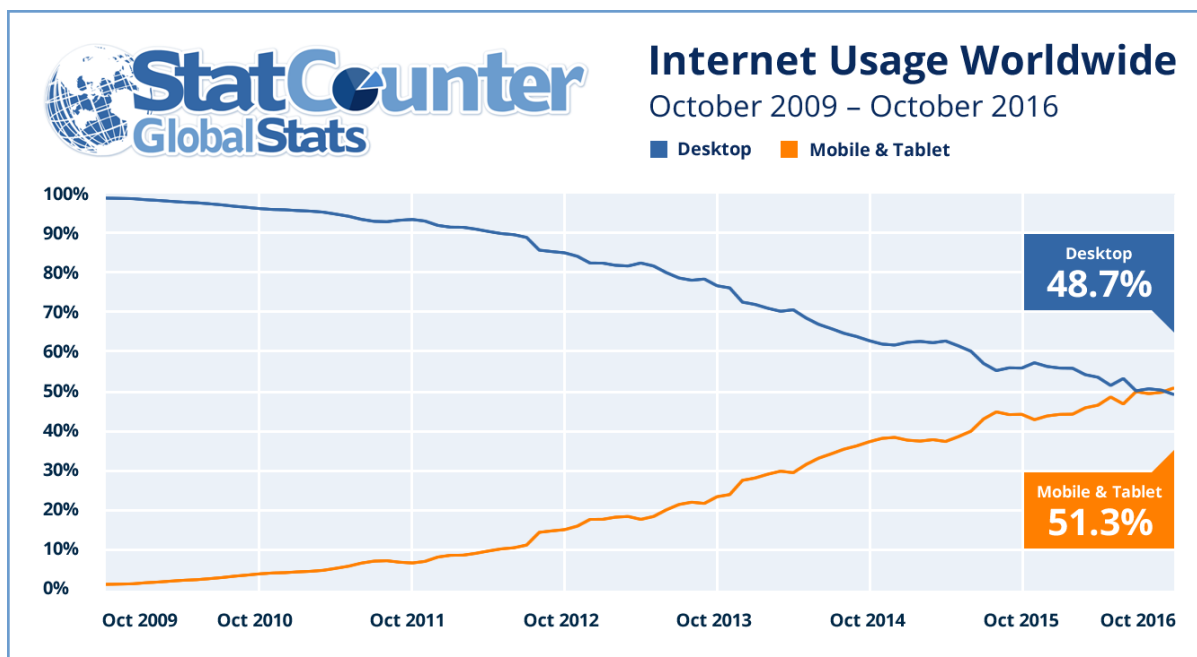


Figure 1: Mobile and tablet devices accounted for 51.3% of internet usage worldwide in October compared to 48.7% by desktop.

Obirum is a browser that integrates the advantages of blockchain technology with the desire to become a most powerful and secure browser.

Bitcoin, Ethereum and other decentralized digital assets opened a future for a whole new financial infrastructure. These technologies allow users to interact directly with their money, rather than relying on businesses and other organizations that can be costly and restricted.

We can imagine a future where consumers have complete control of their finances, it is impossible for a hacker to access an only one server and take millions of credit card numbers. Financial management will no longer have to depend on banks and we could avoid unnecessary risks.

Everything can now be done through a bank. Credit card or payment processors companies will soon be connected to cryptocurrency on all user devices. With simple smartphones, consumers will be able to receive paychecks, pay bills, get loans, invest in stocks and saving accounts, transfer money around the world, and shop online.

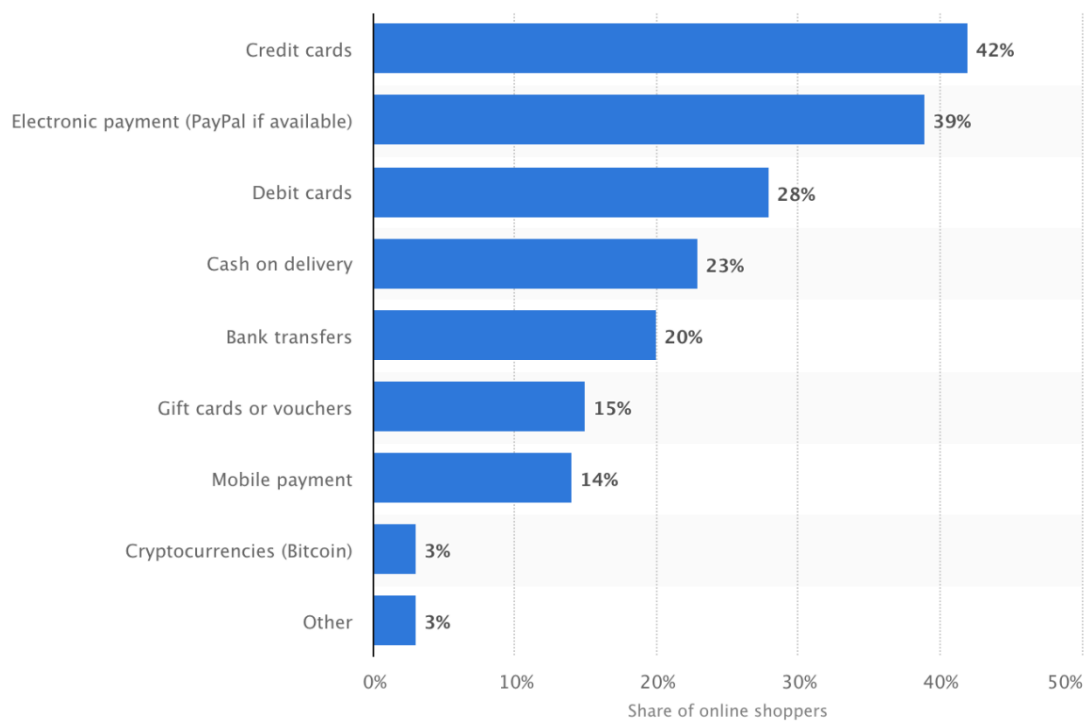


Figure 2: Worldwide popular payment methods by March 2017. There are already payment transaction with digital currency. With security, transparency, and transaction costs are much lower than traditional transaction. Digital currency began to be used as a transaction method.

The Obirum Token will be built on the Ethereum platform and, like any other digital asset held in Obirum, the user can control completely. This allows users to flexibly transfer or use their assets independently without having to rely on Obirum.

2. The problems Obirum is solving

2.1. Access speed of many websites is slow. Too much content and new news every day cause users to spend a lot of time searching and choosing. When using another application, the video or the browser's audio player does not continue to play, malicious and phishing advertisements on some websites are annoying the users.

The speed of web browser is our top priority, so Obirum will provide experience with fast web browser and smooth video playing and high security for user.

Our Suggested Content feature helps users save time without missing out any news and highlights content which they are following. Our Artificial Intelligence (AI) and Machine Learning (ML) understand what users like and what content they prefer, which promise to deliver the best experience for them.

With mode of external viewer and video hanging on screen, users can do other things like chat with friends, read news or shop online without stop the video.

With the rapid development of the internet, more and more malicious and phishing ads are disturbing the users. With our filtering and blocking technology, users can enjoy best web browsing experience.

2.2. Bitcoins and other cryptocurrencies are not easy to use with a new user, there are many places to store your digital money and there are virtually no options to manage them in a decentralized way.

At present, mobile phones are very popular, the opportunity to manage one's financial freedom is quite possible. As the Internet and mobile devices boom around the globe, we see our service increasingly opening up that opportunity for everyone.

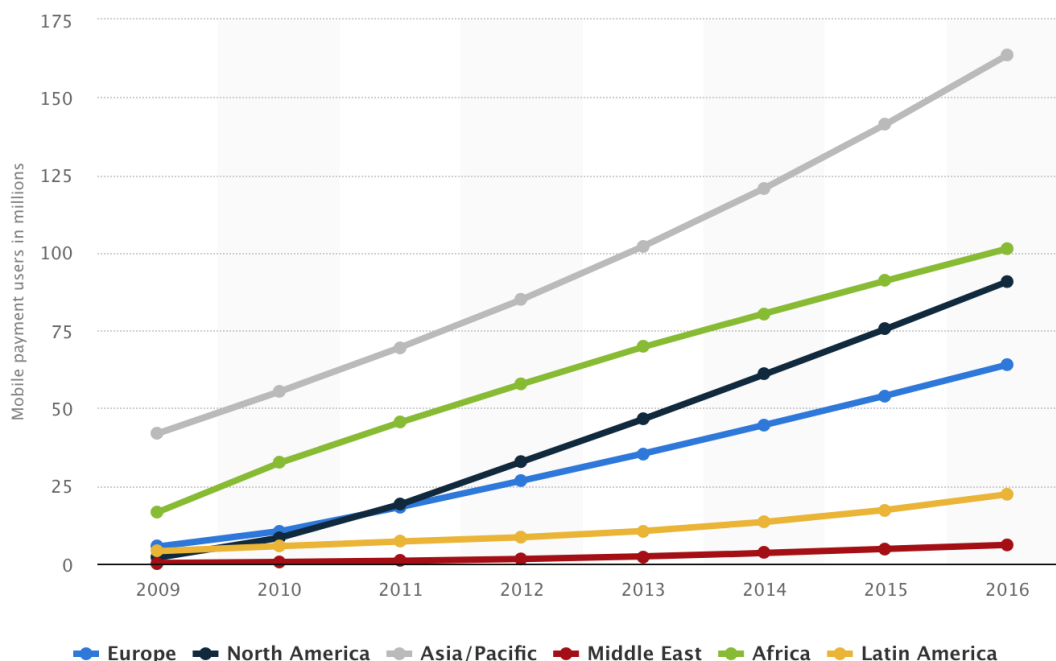


Figure 3: Number of mobile payment users from 2009 to 2016, by region (in millions)

Our technology is based on blockchain platform. Obirum can not be hacked because we do not keep money or cryptocurrencies of the user. The point is Obirum does not contain digital assets but is directly connected to blockchain. This gives users trust and security by not controlling their assets. We solve global money transfer issues immediately at low cost, provide unlimited 24-hour banking service from customer's mobile device and can develop to allow billions of people to access their own accounts without fear of being hacked.

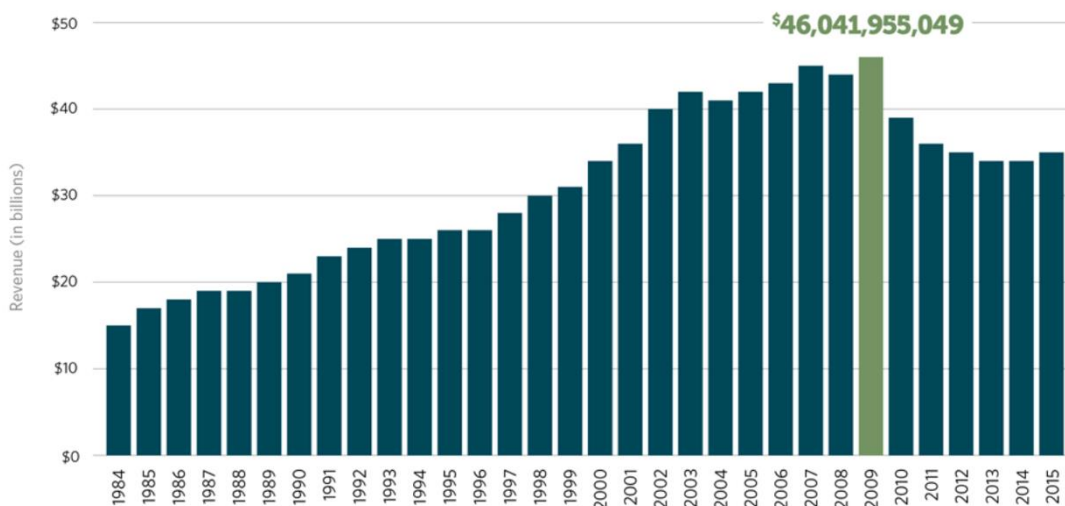
We notice a huge increase in the recent years related to electronic/ digital / cryptocurrency money, while cash has been removed from the market in many countries. A typical example is in the United States, a 100 USD bill is being removed gradually because the cash is insecure, inefficient, costly to manage, time consuming and obsolete. The vast majority of economies around the world rarely prefer cash. Credit cards and other mobile payments that have been developed to send and receive money, more safely and more efficiently. In addition, there are a problem in poor and underdeveloped countries, where banks are supported by the government and they establish financial institutions. Many unlucky people have no ability or no chance to access to money. There is also a big problem with inflation, especially in countries where cash printing surpasses GDP.

Another problem with cryptocurrency community is the lack of sites for using digital assets and cryptocurrencies, partly because of the rapid boom of the market. Obirum finds itself having a great opportunity to take advantage of this, with so many new companies with similar ideas, no company is the leader, and we will be the emerging company to gain market share. There is no better chance for Obirum to develop as this time.

When we look at some of the world's financial institutions, some are experimenting with blockchain technology, some try to cooperate with governments, but they do not have enough basis to compete. The whole foundation of the banking system today is centralized management of money and control. The banking partners and service providers that exist today are centralizing and controlling money, where consumers have to pay fee and spend much time accessing their money, sometimes they get charged for money managing service. The basic principle of Obirum is not to keep money and connect directly to the blockchain, it will be very difficult for banks to compete for a long time.

Service Charges Have More Than Doubled During the Past 3 Decades

Inflation-adjusted deposit account fee revenue, 1984-2015



Notes: Data are adjusted for inflation using the Bureau of Labor Statistics' average consumer price index for all urban consumers. All dollar amounts are annual year-end figures in terms of 2015 dollars and include all FDIC-insured institutions for each year shown, which included almost 18,000 in 1984 and about 6,100 in 2015. In 2009, the Federal Reserve Board amended its regulations to require that account holders opt in to overdraft service on ATM and nonrecurring point-of-sale debit card transactions before banks can charge fees for covering those transactions.

Source: FDIC's Quarterly Banking Profile aggregate time series annual income data

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Figure 4: Overdraft and NSF fees make up a significant portion of charges levied on consumer deposit accounts. Overdraft fees are \$33 Billion annually in the USA. Credit card interchange fees are \$33 Billion annually in the USA. The above examples show a significant total addressable market for the use cases in decentralization improving banking efficiencies

2.3. When there are too many apps and games on the device, users will want to use everything on an app. Application and game developers will distribute the product directly to the user.

Instant Apps technology delivers users gaming experience and the most convenient applications. You do not need to install any applications or games, you can still use them directly in the browser. You can pay for app and games directly with Obirum.

Game and application developers also can distribute their products directly to millions of users through Obirum.

3. Our vision for the future of Obirum

The appearance of currency code likes Bitcoin and Ethereum with blockchain technology lead to change of every fields in life. With the increasing connectivity of mobile devices, we are fully confident of the future of Obirum. By the end of 2020, Obirum will become the top blockchain browser with a 10% share of the global mobile internet browser market.

Similar to the way Uber became the largest trucking company without a car and Airbnb became the largest hotel company without any room, Obirum will become the largest financial institution without money of customers. Although these companies took advantage of the "sharing economy" to deliver their services, we are using the largest distributed computing platform with the existence of smartphones and mobile devices to provide a safe and effective bank form. With a mini bank in hand, every user can interact directly with his or her property without third-party control.

Obirum is confident to be a leading global distribution platform for games and applications which benefits both users and developers.

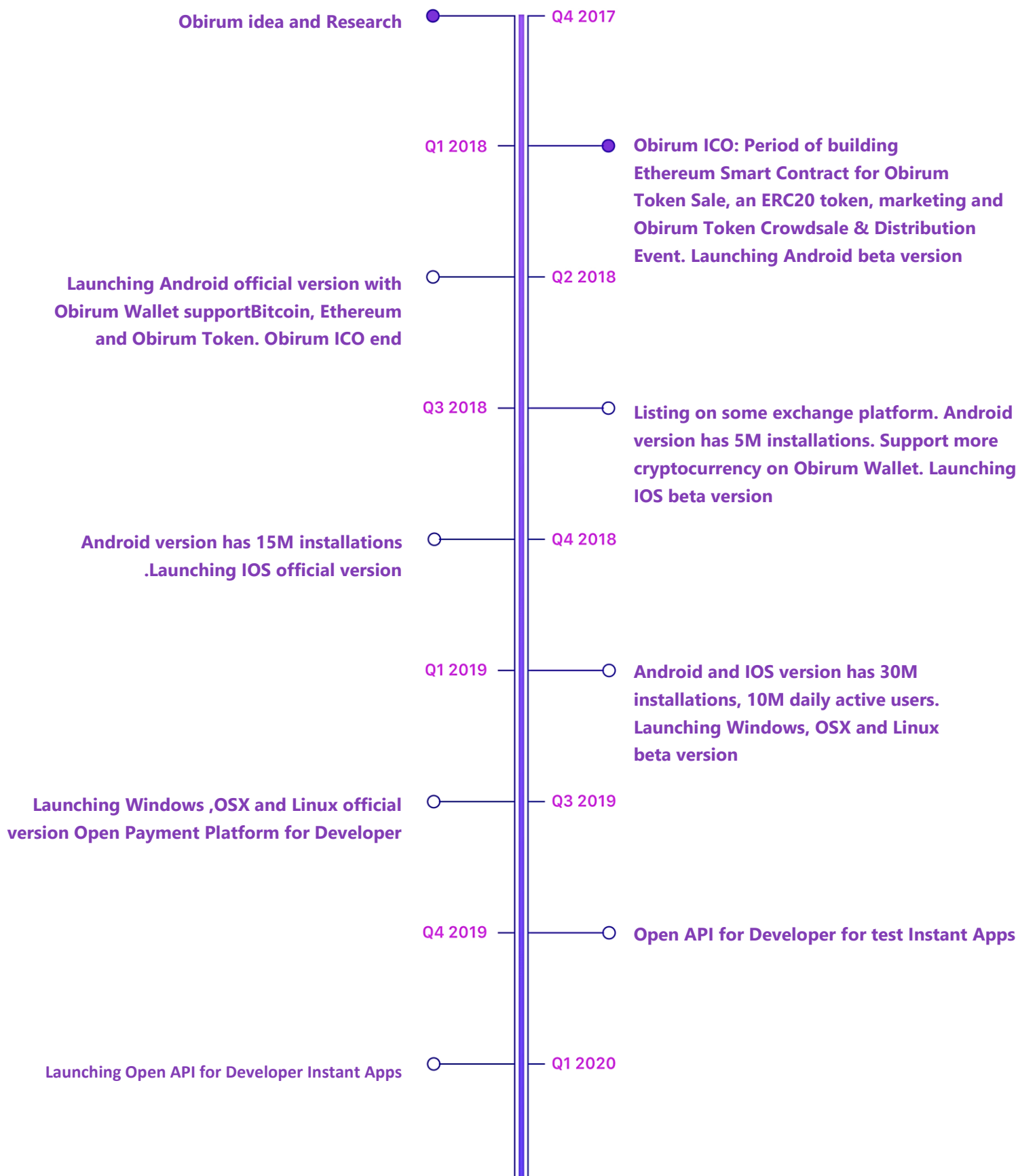
In the future, Obrium will provide more APIs for developers and payment units. Users can quickly and securely interact with financial services and pay instantly on Obirum.

4. Financial and regulatory compliance

Governments have published laws and regulations in the banking sector to protect consumers, and banks are under controlled because they hold customer assets. Since we do not keep user money, we do not have the same obligations with banks and therefore do not follow the same rules.

With the power of bitcoin and blockchain, and because Obirum does not keep client's assets, we can operate legally around the world without complying with local banking supervision laws. This means new user can install Obirum with a simple process, no difficulty and no obligatory registration. In a few seconds, you will own a decentralized bank account that only you can access.

5. Roadmap



6. Token Sale and Rewards Program

6.1. Obirum Token

Obirum is introducing the Obirum token (OBR), which will give users access to special perks within the Obirum platform. Obirum token is a utility token and does not offer any monetary benefits associated with securities. The token is used within our app and decentralized banking platform and do not represent or confer any ownership right or stake, security, tied to equity, virtual equity, performance of the company or equivalent rights, or any right to receive dividends, other payments and intellectual property rights.

The OBR token itself will be based on Ethereum, a blockchain-based computing platform. Ethereum allows smart contracts – distributed computer programs which can facilitate online contractual agreements in a cryptographically secure manner. Smart contracts are what enables the existence of Obirum token as a truly transparent and decentralized service. This technology also ensures that Obirum removes the need for intermediaries and having a central authority you need to trust, through smart contracts, the complex process of choosing peers, tracking delivery and facilitating bidding/payment can be described in the contract itself, while still running on the distributed Ethereum network and taking advantage of the blockchain qualities. OBR are distributed and kept on the main Ethereum network. We believe in the idea of keeping tokens on Ethereum and see it as a bank platform, and an excellent platform to enter exchange markets.

A person can earn OBR by using Obirum app in the first stage. The person will earn a small amount of OBR by downloading and use the Obirum mobile application, Also, there will be some referral programs for Obirum application with a small amount of OBR tokens as a reward.

6.2. Rules of ICO

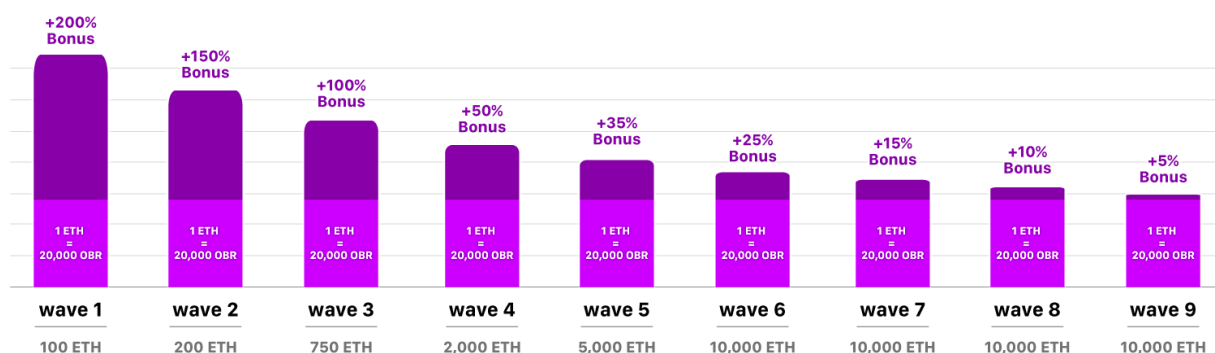
Obirum will launch only ONE public initial coin offering (ICO) during which a token sale will be held. It will take place on <https://ico.obirum.com>. The ICO will start on the date which will be determined soon.

The hard cap of the Obirum ICO is 48050 ETH. The soft cap is 3050 ETH. The pre ICO stage is 1050 ETH. Obirum public token sale will be executed in 9 waves. The first 3 waves is considered a pre-ICO and is worth 1050 ETH. All funds contributed during the pre-ICO waves will be used for marketing & legal expenses of the Obirum ICO campaign.

Wave 4 (2000 ETH) is considered the soft cap (Total with first 3 waves - 3050 ETH). If the company does not reach soft cap (End of Wave 4), all contributions will be refunded. In such case only contributors that participated in wave 4 will get their contributions back. All pre-ICO (wave 1, 2, 3) contributors will not be able to refund their donations.

All waves will be executed by ERC-20 standard and the token sale will be distributed via smart contracts on the Ethereum Network. The smart contract will cover all 9 waves including pre-ICO stage (Wave 1, 2, 3).

The smart contract will automatically open on March 6th, 2018 (07:00:00 AM, UTC) and close on May 5th, 2018 (06:59:59 AM, UTC). Contributors sending ETH to Obirum Smart Contract address will immediately receive tokens. Bonus Obirum Tokens from referral program and bonus register will be distributed in several weeks to all contributors after the end date of the smart contract or if the token crowdsale reaches its hard cap (48050 ETH).



6.2.1. Token Sale Term

Transaction maximum purchase cap - 200 ETH, transaction minimum purchase cap - 0,1 ETH.

Additionally, during the registration an intended to be used Ethereum wallet address should be provided. It will be used for transferring ETH and receiving Obirum tokens. The address provided and beneficiary address must be the same. The wallet must be ERC-20 approved. We recommend use MyEtherWallet, MetaMask, Mist wallets, or other ERC20 compatible ones and never make any transactions via exchanges.

OBR token will become tradable two weeks after the hard cap is reached or end date of ICO. During the ICO, Obirum tokens will be locked. OBR will be listed in exchanges in 8-16 weeks after the ICO is finished. If not all the OBR are sold during our token sale, the remaining tokens will be shared to Early Obirum Wallet user (10%). If the OBR of Early Obirum Wallet users not been used up, the remaining tokens will be burned.

6.3. Token Sale

TOKEN PRICE: 1 ETHEREUM = 20 000 OBR + Wave Bonus

	ETHEREUM	OBIRUM TOKEN (OBR)	BONUS %	OBIRUM TOKEN (OBR) with bonus
Wave 1	100 ETH	2 000 000	200%	6 000 000
Wave 2	200 ETH	4 000 000	150%	10 000 000
Wave 3	750 ETH	15 000 000	100%	30 000 000
Wave 4	2000 ETH	40 000 000	50%	60 000 000
Wave 5	5000 ETH	100 000 000	35%	135 000 000
Wave 6	10000 ETH	200 000 000	25%	250 000 000
Wave 7	10000 ETH	200 000 000	15%	230 000 000
Wave 8	10000 ETH	200 000 000	10%	220 000 000
Wave 9	10000 ETH	200 000 000	5%	210 000 000
Total	48050 ETH	961 000 000		1 151 000 000

The Obirum ICO and token sale is expected to be organized in 9 waves. Such ICO model is introduced for the convenience of contributors.

	Percentage	Number of OBIRUM TOKEN (OBR)	Est. value in ETHEREUM
Total	100%	2 302 000 000	96 100
ICO	50%	1 151 000 000	48 050
Team	13%	299 260 000	12 493
Advisor and Angel investors	12%	276 240 000	11 532
Founders	10%	230 200 200	9 610
Early Obirum Wallet	10%	230 200 000	9 610
ICO Bounty	5%	115 100 000	4 805

The team and founder tokens will be locked for 2 years to show our commitment to the overall success of Obirum.

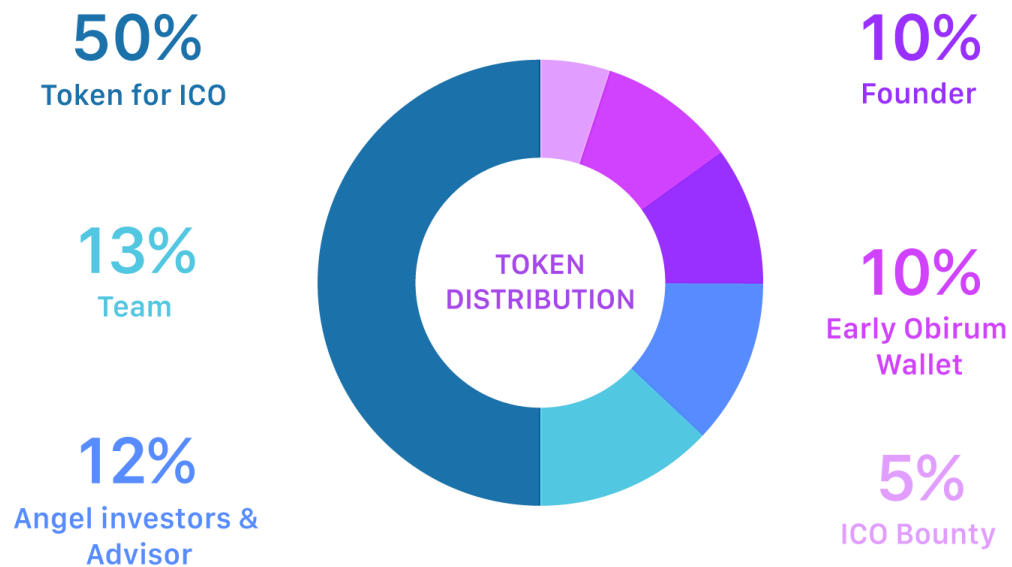


Figure 5: Token distribution chart

- **ICO** - Total pool of OBR dedicated for token sale.
- **Team** - Bonuses for the team. Locked for 2 years.
- **Advisor and Angel investors** - Bonuses for the Advisor and Angel investors from the early days. Locked for 2 years.
- **Founders** - Locked for 2 years.
- **Early Obirum Wallet** – For early users to accelerate a worldwide users of Obirum
- **ICO Bounty** - Bonus OBR Tokens for referral program and bonus register for ICO

Use of funds:

- 30% - Operate & Development
- 55% - Marketing & PR
- 15% - Reserve

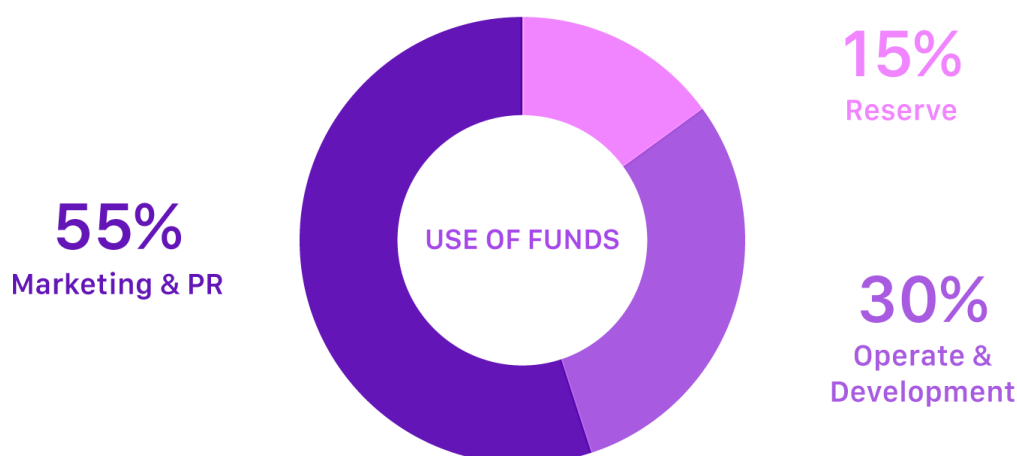


Figure 6: Use of funds chart

6.4. Rewards Program

Rewards Program Tokens from referral program and bonus register will be distributed in several weeks to all contributors after the end date of the smart contract or if the token crowdsale reaches its hard cap (48050 ETH).

6.4.1 Register Bonus

- Registration on Obirum ICO opens on 24th February, 2018 (07:00:00 AM, UTC) at <https://ico.obirum.com/register>
- Register bonus for the first 100,000 users register account:
 - The first 10 users will get 20,000 OBR (1000 USD)
 - The next 90 users will get 10,000 OBR (500 USD)
 - The next 400 users will get 4000 OBR (200 USD)
 - The next 500 users will get 2,000 OBR (100 USD)
 - The next 1000 users will get 1000 OBR (50 USD)

- The next 3000 users will get 500 OBR (25 USD)
- The next 5000 users will get 200 OBR (10 USD)
- The next 10,000 users will get 100 OBR (5 USD)
- The next 80,000 users will get 50 OBR (2.5 USD)

6.4.2. Affiliate Programs Bonus

If you invite users to join Obirum ICO, you can receive bonus OBR Token as follows:

- Get 50% of total register bonus token by referral users.
- Token purchased by Affiliate users:

Who bring at least 150 active users via their referral link will get 8% of all token purchased by such users.

Who bring at least 100 active users via their referral link will get 7% of all token purchased by such users.

Who bring at least 50 active users via their referral link will get 6% of all token purchased by such users.

Who bring at least 30 active users via their referral link will get 5% of all token purchased by such users

Who bring at least 10 active users via their referral link will get 4% of all token purchased by such users

Who bring at least 1 active users via their referral link will get 3% of all token purchased by such users

7. Our team

Founder Team



Luan Phung

CEO and Founder

He has been developing web and mobile software products since 2014. He has more than 5 years of experience in marketing and business development. Since the beginning of 2015, Luan is also an active crypto investor



Dung Nguyen

Co-founder, CTO

Full Stack Developer - He has more than 3 years in management IT projects and an experienced software engineer, focusing on Mobile development since 2013



Anh Phung

Co-founder, CMO

He has more than 4 years of experience in digital marketing and worked on marketing campaigns for with YouTube, Google Adwords and Facebook Ads



Phu Dong

Backend Developer

He is backend software engineer with experience in working with various technological stacks and large profile of international products



Thinh Phung

Co-founder, Blockchain Developer

He has experience with Blockchain Technology and Ethereum Smart Contract

Advisor



Hung Nguyen

CEO and Founder Mobile510

He has an Master of Science in Information Technology with 10 years experience in mobile software development, an expert in IOS programming

8. References

- Figure 1: <http://gs.statcounter.com/press/mobile-and-tablet-internet-usage-exceeds-desktop-for-first-time-worldwide>
- Figure 2: <https://www.statista.com/statistics/508988/preferred-payment-methods-of-online-shoppers-worldwide/>
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