



F R E E C A L L S Y S T E M S

ZIBER
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A REVOLUTIONARY UBER SOLUTION THAT WILL COMPLETELY CHANGE THE MOBILE TELEPHONY MARKET

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1. Ziber – A Revolutionary Blockchain Mobile Operator

Blockchain is a good way of storing data or a special digital register of transactions, orders and contracts. All data that needs a separate independent record and, if necessary, verification.

Blockchain can store different loans data, property rights, traffic violations, marriages. It can store almost everything. The main difference and undeniable advantage is that this registry is not stored in one place. It is distributed among several hundreds and even thousands of computers all over the world. Any user can access the current version of the registry for free without any restrictions, which makes it transparent to all participants.

IP telephony is a telephone connection over the internet using the IP protocol. The voice (through microphone or IP-phone) is converted into a digital signal and transmitted to a computer. There is a reverse conversion to an analog signal and to the speakers. In case you call on a landline phone, the signal passes through the IP gateway that converts the digital signal (VoIP) into analog. The same happens when you call to mobile phones using IP-telephony. Usually, to transfer a voice through the IP network, a computer uses a special codec. This codec helps to increase transmission speed, improve communication quality and encrypt for security purposes.

We combined blockchain and IP-telephony technologies

What did Uber do? He has changed the taxi niche of collaborative consumption. People could get payments for their cars and their time. And other people started significantly saving money on transportation.

What does Ziber do? It changes the phone calls niche of collaborative consumption. People can earn money from using their mobile phones. And other people can significantly save on international and roaming call costs.

How it works?

Ziber is a decentralized system of masternodes around the world installed on different servers or VPS. The Ziber mobile application redirects VOIP calls from mobile phones, Internet applications and other devices to the main blockchain system. All network members earn using their devices as a proxy server for routing Ziber traffic. People, who are not connected to Ziber, will pay for international long distance calls.

Our mission is to completely change the voice communication market between different countries and roaming. We want to relieve people from paying large sums of money to mobile providers around the world. Moreover, we want anyone to give an opportunity from using their mobile phones to earn money.

2. Main Problems For Users

The international calls always were an extremely serious problem for both individuals and international companies. The invention of mobile phones created one more problem - the roaming price.

Eventually, new projects appeared what allowed users to reduce their expenses. For example, we have Skype and Viber. Two subscribers can communicate with each other completely free of charge using the special application.

What if you do not have an application on the other side? The same Skype app can rescue you, as well as a huge number of companies engaged in IP telephony. Due to the voice transmission like a digital signal through the Internet, they set affordable prices in comparison with traditional mobile providers. People with IP phone connected to internet can call different countries essentially saving their money.

What's the matter?

The problem is that the IP telephony charges seem "inexpensive" in comparison with the mobile provider's charges. In absolute amounts, especially when you call high-priced countries, they are still expensive. This is especially true for international companies with global support services.

For example, Booking.com, which has a huge staff, today, June 22, called me on IP telephony. They spoke out that I booked the room on June 14, and asked me to confirm the card details attached to the account.

During the conversation, the employee of Booking.com confirmed that the physical queue for making the call came up only today, 8 days after the request from the hotel. And all the previous days, the Booking.com operators called other customers based on previously submitted orders from morning to evening.

You can imagine the number of bills that Booking.com and other companies receive around the world from using IP telephony. Do these companies want to reduce these bills? Yes, they want. Can they do this within the existing technological solutions? No, they can't

The main and huge problem for users is the desire to reduce costs, but there is no way to get it right.

All the same relates to billions of people around the world, who want to pay less

3. How We Solve This Problem

We solve this problem crucially. We massively reduce call costs for our customers in comparison with the standard IP telephony. In fact, we take a large part of the market from these companies where many of them will go bankrupt. We also redistribute the part of mobile providers' revenues.

Yes, it's a revolution! The situation is similar to what happened on the coal market 100 years ago after using oil products actively. The whole world used coal for traveling and heating. It was expensive, but there was no alternative. Today the coal mining continues, but its share in the fuel and energy balance has decreased from 98% up to 25%.

4. The Reduction Technology Of Call Prices

To get this advantage, we use some market holes. Most mobile provides all around the world have different subscriptions including free calls within the same mobile network or within your city.

The Ziber client on a mobile phone allows other people call using the phone as a proxy server for routing.

Example: The Chinese company can call using Ziber to its London client. The client, who does not have Ziber, can use the Vodafone mobile operator. Ziber automatically accesses the masternode system, which selects the Vodafone subscriber with Ziber installed in London. And using this phone, you can automatically make a final connection using free minutes in the Vodafone network.

In fact, this call is completely free. There is no need to pay even \$0.000001 to a mobile provider.

However, we have two connection sides:

- Owners of masternodes who installed them on their servers
- People who provided their mobile phones as a proxy server

Therefore, these services will be paid separately. In any case the price will be several times less than the equal sum spent on IP telephony. This is achieved by maximizing the involvement of people in this niche due to collaborative consumption. Our call charges will be the lowest in the world. You can always find those people who get ready to provide their phones at such prices as proxy servers.

5. Price Information

The connection price is formed based on the technology used by Uber. We use the time of day, the route loading and proxy availability.

Country	Skype	Viber*	Ziber**
Australia	0.023	0.099	0.01
Brazil	0.03	0.14	0.01
UK	0.043	0.059	0.01
Germany	0.023	0.08	0.02
China	0.02	0.013	0.005
Singapore	0.023	0.019	0.01
USA	0.023	0.019	0.01
Thailand	0.023	0.09	0.02
France	0.023	0.07	0.015
Japan	0.023	0.098	0.02

* The Viber price for outgoing calls to mobile phones

** The Ziber price is floating. We use maximum prices here. Usually it can be lower.

There are different types of payments. The payment can be made using the bank card (credit or debit), PayPal, Bitcoin, other cryptocurrencies and different electronic payment systems. We use all the payment options before the project launch.

How do we solve the problem with the network filling process?

Usually, the main problem of projects on the launch stage is the absence of counterparties. The first customers can't receive the full service due to the lack of proposals.

We solved this problem at the early stage. To build a network, we installed 50 masternodes around the world to provide the best traffic routing.

This network allows using the service immediately after the launch. As soon as the first client has downloaded Ziber, calls to any phone worldwide are accessible at the lowest possible price.

We also purchased more than 150 prepaid tariffs in all regions of the world. In the absence of proxy phones in a particular location, the call will be made through our capacity.

Example: On the first day after launch, the support company located in Japan calls to its Australian customer. If the network already has a connected subscriber, who provides his phone as a proxy, the call will go through him. If there is no such subscriber, the connection will pass through our company resources. The prices will stay the same without overpayment.

6. Market

The global IP telephony market reached over USD 90 billion in 2016.

According to statistics, the numbers of calls made from landline phones drops by 5% per year. On the other hand, IP calls grow by 9% per year.

According to data from a study conducted by Zion Market Research, the same growth is projected for the next 5 years and the market volume is expected to reach USD above 140 billion in 2021.

Important: Ziber will radically change all this data. Low rates for calls will reduce the market volume. A sharp growth will exceed 9% per year. It will happen due to behavior change of users habits.

1. For individuals. The fall in call rates up to 1 cent per minute will seriously impact the global business market. Many customers will prefer Ziber instead of well-known applications.

It's a fast and easy-to-use platform: just dial a phone number and talk. The cheap rates for such communications make your savings meaningless just for several calls per month.

For example, an old woman wants to call her children every day during a 10-day trip. With Ziber she can spend 50 cents for these calls without thinking about roaming and mobile providers prices. Such costs are not compatible with the tour price.

2. For companies. Low rates for calls will lead to two main consequences:

- The revolution in support services. Many low-cost companies will be able to afford support services using the Ziber technology.

- Other companies with hybrid communication (IP telephony, feedback forms, e-mails, etc.) will dramatically reduce the amount of "routine work". In most cases a customer call will be a preferred way to solve the problem immediately.

On the one side, such type of communication will improve the customer attitude. On the other side, companies will be able to save large amounts on customer service. The voice call can resolve any issue within 5 minutes in contrast to traditional mail communication.

7. Fiat gateway

Our system built on the blockchain technology will be connected to several well-known fiat gateways. This allows users to exchange currencies and cryptocurrencies for tokens, store and perform different operations (transfer, withdraw, sell, buy) and do reverse conversion. The storage security is provided with effective platform mechanisms.

In addition, we implement some scalable bandwidth algorithms that allow the system to be used more efficiently. Theoretically, the system can support thousands of operations per minute.

8. FAQ

1. Does Ziber support video calls?

Yes, you can make video calls and see your partner, friend or loved.

2. Can I setup my own masternode and earn money?

Yes, you can set up a masternode on your server and receive payments for that to route VOIP and other traffic.

3. I want to set up a proxy on my phone and earn some money. I have 500 free minutes in my network. What will happen when they run out?

After consuming all free minutes, Ziber will automatically stop using your phone as a proxy.

4. Can I send photos and video files through Ziber? Is there any risk of identity theft?

Ziber gives you an opportunity to exchange text messages, photos and video files for free. All process goes through a decentralized system powered by the masternodes with encryption and block defense.

5. I'm in London, and I want to call my US friend. My friend will see the US proxy number calling him. I'm afraid that my friend might just not pick up the phone, or start asking why I'm calling from US number.

Our services replace phone numbers. Therefore, your friend will see your phone number. Similarly, the person who gave his phone as a proxy, as well as his phone number, will remain completely anonymous.

6. How can I get money after installing the proxy? How to spend it?

All commissions are calculated in Ziber coins. They will be added to your account as soon as you earn them. You can pay for calls, exchange Ziber coins for other currencies and withdraw them.

7. If the blockchain platform makes all transactions transparent, does it mean that my calls will be visible to other users?

Ziber uses the open-source, blockchain-based Ethereum platform where all transactions are visible on the blockchain. It includes money transfer from one impersonal wallet to another one. No phone numbers and other data on the blockchain are transmitted!

Thus, it isn't possible to connect a real person and call forwarding.

8. How does Ziber use my phone? Can I somehow control this process? Can it cause the phone freezing?

The phone is used as a proxy server, it won't make your phone freeze up.

9. Can I get free mobile Internet using Ziber?

No, you can't. But you can easily send different files, photos, videos for free using Ziber.

10. Why do we need Ziber when we have Skype?

It's an open and secure system where people pay people for calls. This significantly reduces the cost of communication and allows you to even make money without doing anything at all just give your smartphone.