

Brain To Brain Token

1. Significance of Research

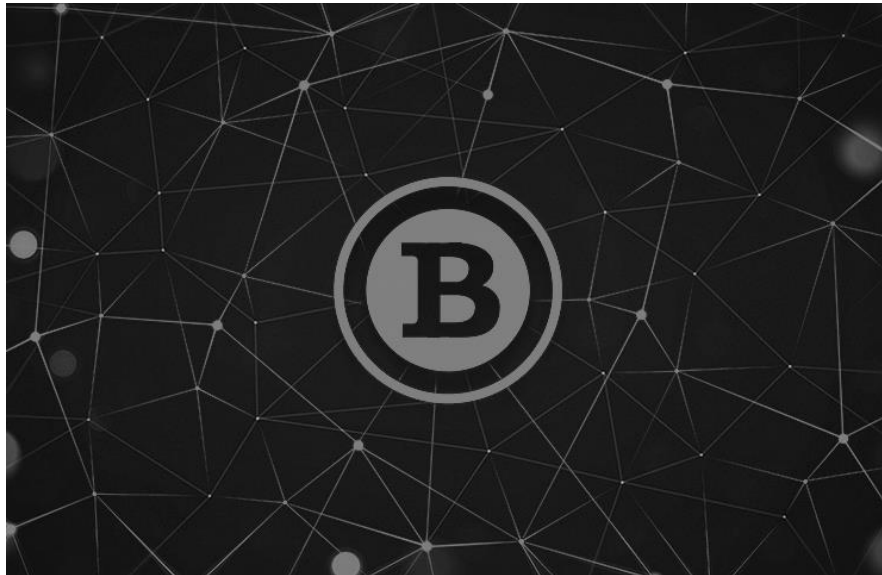
Human perception is stored in the brain. When we need to communicate with the outside world, we need to convert brain consciousness into perceptual signals, such as sound, image, video, tactile sensation, etc. Benefit from the advanced Internet we can completely transmission these perceptual signals, but the main shortage is every person's brain is different which got differently fundamental and memory. That's why Shakespeare sad: There are a thousand Hamlets in a thousand people's eyes. For example, the same video, some people think it's interesting, and some people think it's boring, that's the 'perception difference'. In fact, there is a huge distortion in the process of 'brain consciousness' converting into 'perceptual signals'.



Our main research is the direct communication between brain consciousness which will solve the distortion of human communication. For now, we are able to deliver simple brainwaves between two rats across time and space, it means humans will able to communicate through just brainwaves in the near future. And this is just the beginning, we collect and store brainwaves in 'consciousness converter' and do complex deep learning before transform it into signals that the human brain can receive. It will greatly improve the communication efficiency of humans (or animals) by reduce the impurities which produced in the processing of 'consciousness' converting into 'perceptual signals', and accurately express the original information.

2. The Role of BTBT

BTBT(Brain To Brain Token), a digital currency based on blockchain, will connect all the people in the world who are interested in our research and willing to support us. Through BTBT, we are releasing dividends of technological progress into market investment and let the market adjust the value.



We chose the wave system to issue our tokens, which are relatively, efficient, simple, and decentralized. In the future, we will develop our own main chain, the Brain To Brain Network (BTBN) , and BTBN will become the all-in-one solution and offer a wide array of services from Brain-Tech to Blockchain. By then, we will giveaway BTBN to the holders of BTBT as the feedback of the early supporters.

3. Consciousness Converter

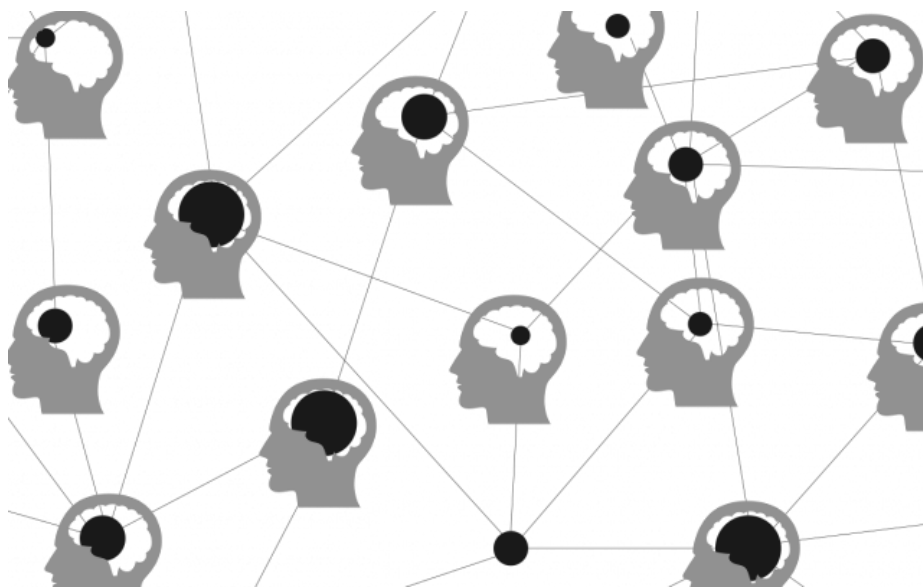
The original 'consciousness converter' was designed to be complex and can only be used in the laboratory. It consists of sensors, learners and transmitters. The brainwaves are received by external or implanted sensors. The early sensors can only detect simple brainwaves and convert them to simple digital signals for analysis, storage, and transmission.



It will become smarter and smaller by improving sensors and memory, like fingernail chips, which can be implanted directly into the brain. Future sensors not only receive signals from a single dimension, but also receive complex signals from multiple dimensions. Through deep learning, we will understand the real mind of the brain and transmit it to another brain.

4. Blockchain Solution.

The 'consciousness converter' will connect to BTBN in the future, each human brain should become a BTBN node. Due to the uniqueness of the human brain, BTBN will become the first real decentralized blockchain in the history.



Unlike POW(Proof of work) and POS(Proof of stake), BTBN will use the POV (Proof of Value) to make the required consciousness get the correct value. Each node can adjust its transmission permissions, which allows the node have autonomy in participating and contributing to BTBN network. The design of BTBN will make communication between individual consciousness much safer, efficient and valuable.

5. Conclusion

We propose a way of communicating directly between the brains to improve traditional human communication. First, we made the 'consciousness converter' by improving sensors, learners, and receivers. With the extension of the sensor's cognitive scope and the technical progress of deep learning, the 'consciousness converter' can become more accurate and close to the real consciousness transmission of the human brain. The underlying development of BTBN will provide the trust mechanism and security mechanism, as we believe the future of BTBN will connected to various applications to solve the consciousness value spread in various fields.

BTBT is the beginning of all this, and we launched BTBT based on the Wave system and opened an investment channel to early investors and participants to enjoy the benefits of technological progress.