



At Waltonchain, we are trying to disrupt the entire RFID industry, to help the advancement in the adaptation of IoT by enterprises and ultimately achieve our vision of VIoT. Similar to other companies who try to disrupt an industry, there will be unspeakable hard work and sacrifice, coupled with persistence and perseverance by the team, of course, some smart decisions by the management and keen innovations by the technical developers along the way will help a great deal. What we want to achieve in our first stage is not easy and we are moving towards it with speed and precision. During this journey, we have our community full of believers and supporters, giving advice, constructive criticisms or just rooting us along, for that we are grateful. Although we are small, our ways are far from perfect, we would still like to give our commitment to our community that we will do everything within our powers to strive to be the best in the industry, globally.

# Waltonchain Alpha Version Internal Testing

Oct 30, 2017 ~ Nov 4, 2017

Waltonchain system adopts an advanced solution that combines hardware and software to solve the issues which will occur during the seamless transfer of massive amount of data connected to physical assets on chain and realise the real-life applications for in-depth integration of RFID hardware systems and blockchain technology.

There are numerous problems and technical bottlenecks which we have solved and some still to be solved in order to achieve the above-mentioned goals. So far Waltonchain has created the following innovative solutions to solve the dilemma that haunted many other chains in the market today:

- I. To prepare for the upcoming software-hardware mixed RFID system with block-mining readiness, we have adopted a Waltonchain brand-featured hash calculation to promote operation stability, data integrity, resource sufficiency and system robustness.

2. Waltonchain adopts a hybrid consensus mechanism (PoS + PoW) for fairness with a consideration of both node stakes and computation capability. Once the system-wide computational power comes to a dynamic convergence, blocks are steadily produced for every minute on average.
3. Node stakes are composed of token balance, holding duration and node seniority in the network.
4. Consensus is specially designed with mining difficulty adjustment to prioritise blocks containing more transactions sooner.
5. We will roll out a Master-node program on top of our Staking program and Mining-node program geared towards holders with a significant WTC balance ( $\geq 5000$  for now), Master-node program will provide holders with extra reward from Waltonchain foundation.
6. We innovated a double-chain design to organise WTC parent-chain and application-child-chains, by building inter-chain bridges for mutual trust and confirmation transition, and to support data exchange and value transfer. (*We are quiet proud of this one!*)

*(Details to be released soon on above points)*

*The Waltonchain team has completed Waltonchain parent-chain system development and internal testing, as well as the development and adjustments of the web customised wallet and the blockchain explorer.*

Waltonchain parent-chain system  
development and internal  
testing Milestone

### **WTC blockchain Explorer enables users for :**

- Browsing and querying information regarding blocks, transactions and wallet addresses
- Checking the current network status regarding block producing time, mining difficulty, network-wide computational power, mining difficulty, network-wide computational power and node participation
- Providing a statistics and query portal on WTC distribution and circulation

**The customised WTC wallet is featured with these functionalities:**

- Creating new wallet, sending transactions and viewing wallet balances
- Portal for exploring WTC blockchain
- Compatibility with Ethereum chain

We will continue to complete the innovative functions of the parent-chain, relevant code design of double-chain structure, as well as the Master node related design. In terms of the wallet, we will launch full-node wallet which supports automatic node-wide configuration, and automatic mining function; meanwhile, a fast mobile version wallet APP is under design and development.

*The safety of Waltonchain's parent-chain and wallet has always been our top priority. Although we have done numerous test runs, we believe that the power of the community is infinite.*

*Waltonchain Foundation is gladly rolling out the Alpha Version of Waltonchain's parent-chain and web wallet. We sincerely invite our community members to help us conduct the Alpha test.*

**HOW YOU CAN PARTICIPATE**



**Please read the instructions below carefully.**

This first round of community members involved testing encompasses the basic functions, the typical applications, and mainly the security of the parent-chain and the wallet.

1. 50 to 100 qualified applicants will be selected and awarded with 5 WTC tokens to your personal wallet
2. 5 to 50 WTC tokens will be awarded to individuals who find any system bugs, functional deficits and/or provide any optimisation suggestions which we decide to implement
3. Applicants must fill out the application form “Waltonchain Parent-chain Alpha Test Application Form” and email it to [test@waltonchain.org](mailto:test@waltonchain.org) by Nov 4, 2017; This form can be found on [www.waltonchain.org](http://www.waltonchain.org)
4. Participants are required to hold a minimum holding of 1000 WTC tokens

**Elements that provide higher chances of getting selected:**

- Proof of holding larger amount of WTC tokens
- Proof of long term holdings of WTC tokens
- Applicants with blockchain related technical backgrounds
- The ultimate decision making rights are reserved by Waltonchain team