



Problem and Solution

A couple years ago, we was looking for a new financial instrument for cryptomarket just like indices, futures, but we did not find it at all. Then we have created an idea. Idea to make financial instruments easier, to make crypto-market better, to create a reference point for community.

The idea is simple and understandable, let us introduce the first blockchain based Crypto-Index "A-TOKEN" (ATKN).

First things first. We think many of you have heard about "S&P 500". What is S&P? It's an American stock market index based on the market capitalizations of 500 large companies having common stock listed on the New York Stock Exchange or NASDAQ.

We have explored how the most popular and profitable index works, and compared it to blockchain industry and cryptocurrencies. We recreated the calculation method. We were making the great amount of researches and consulting.

We created completely new futures financial asset especially for crypto industry - The **A-TOKEN** Index! The skills of trading and professional money management are giving us a guarantee not to lose all money even if all market will immediately fall or being "dumping"! We know how to work with volatility on different markets, be sure, Index is the most common way to invest or trade!

A-TOKEN is simple. You can receive it and hold or you can sell it on exchange. It is understandable! Imagine you have \$100 and you want to invest in crypto currency, if you buy only one currency it may fail. You may decide to buy a couple of different currencies, it is diversification, but two are still not safe! Also, you will have to pay fees to exchanges and banks. When you get **A-TOKEN** you are owner of great amount of different cryptocurrencies from different industries, risks are minimal!

If all majority of market currencies go up, **A-TOKENs** will go to the higher price, and you, as a future ATKN owner can get your benefits easier, so benefits are included in price of **A-TOKEN**.

TABLE OF CONTENT

• The Problem and solution	1
• Social responsibility	3
• What does the A-TOKEN index measure and how is it calculated?	4
• Potential market.....	5
• Technical information about A-TOKEN.....	5
• What is Blockchain technology?.....	6
• Why Blockchain 2.0 and WAVES?.....	7
○ Why Blockchain 2.0	7
○ Why WAVES ?.....	7
• What is A-TOKEN Index?	7
• Why A-TOKEN?.....	8
• How much investments does A-TOKEN ICO want to raise?....	8
• Token Economy.....	8
○ 1-st step.....	8
▪ 2-nd step.....	8
• 3-rd step.....	9
○ 4-th step.....	9
• How to know real time price of A-token Index?.....	9
• Money management policy.....	9
• Why the name of token is A-TOKEN?	9
• OFFERING MEMORANDUM.....	9
• Post ICO steps	10
• Where I can buy or sell A-TOKEN?.....	10
• Team.....	12
• Contacts.....	12

Social responsibility

Nowadays cryptomarket capitalization is about \$150 billion U.S.Dollars, from the side of usual stock and currencies market it is less than a percent. The capitalization of stock market is \$70 trillion, let us divide one by another $150000000000/70000000000000= 0.00214285714\%$.

Many of you well-known to website coinmarketcap.com, here information from it about 10 last tokens in the list and their capitalizations:

90	 Elastic	\$36,675,909	\$0.424614	86,374,704 XEL *	\$3,719,660	-0.36%	
91	 I/O Coin	\$36,085,793	\$2.21	16,363,213 IOC *	\$31,293	-8.83%	
92	 Walton	\$34,614,692	\$1.39	24,898,178 WTC *	\$5,258,760	9.92%	
93	 Aidos Kuneen	\$33,995,282	\$3.82	8,900,500 ADK *	\$9,008	-5.72%	
94	 ReddCoin	\$33,918,392	\$0.001185	28,614,181,324 RDD *	\$478,225	-6.67%	
95	 district0x	\$33,253,680	\$0.055423	600,000,000 DNT *	\$489,013	-8.23%	
96	 FairCoin	\$33,216,356	\$0.624440	53,193,831 FAIR *	\$101,198	-16.17%	
97	 vSlice	\$32,751,369	\$0.980859	33,390,496 VSL *	\$285,245	-2.36%	
98	 Peercoin	\$32,701,640	\$1.34	24,318,911 PPC	\$288,302	-12.06%	
99	 DECENT	\$31,758,623	\$0.619003	51,306,089 DCT *	\$1,648,800	-13.27%	
100	 Rise	\$31,582,695	\$0.279149	113,139,200 RISE *	\$622,355	-10.20%	

Market is very sensitive. If you own from **\$10** to **\$30** million, you automatically became a *marketmaker*, and this amount is normal for ICO world, but the most popular initial coin offering fundraised about quarter of billion U.S. Dollars.

We stick to the socially responsible marketing strategy, because of it, we are not going to pump or dump the market or single tokens. We diversify assets following math analysis rules of Index.

Index is a good way to make profit from capitalization of all market! Your risks are diversified as much as possible, no matters what crypto currency is fail.

What does the A-TOKEN index measure and how is it calculated?

The A-TOKEN index is calculated by taking the sum of the adjusted market capitalization of all cryptocurrencies and then dividing it with an index divisor, which is a proprietary figure developed by A-TOKEN team. The total market capitalization of all the currencies in the index was \$123 billion.

The first step in this methodology is to compute the market capitalization of each component in the index. This is done by taking the number of tokens of each currency and multiplying that number by the currencies current token price, or market value. For example, if Monero has roughly 15 million tokens outstanding and its current market price is \$94.55, the market capitalization for the currency is \$1.426 billion (15 million x \$94.55). Next, the market capitalizations for all 100 component currencies are summed to obtain the total market capitalization of the all market, as illustrated in the table below. This market capitalization number will fluctuate as the currency prices and outstanding currency numbers change.

	Market capitalization	Market weight	Effect of a 20% increase on the A-TOKEN Index
Ripple	\$6,825,318,887	5.538%	1.1%
Dash	\$2,248,146,540	1.824%	0.36%
Monero	\$1,426,492,525	1.157%	0.23%
Waves	\$372,019,000	0.302%	0.06%
EOS	\$217,916,693	0.177%	0.03%
..
A-TOKEN	\$123 238 059 311	100%	1.78%

In order to understand how the currency affect the index, the market weight (index weight) needs to be calculated. This is done by dividing the market capitalization of a currency on the index by the total market capitalization of the index. For example, if Dash market cap is \$2 billion and the full market cap is \$123 billion, this gives Dash a market weight of roughly 1.626% (\$2 billion / \$123 billion). The larger the market weight of a currency, the more impact each 1% change

will have on the index. For example, if Dash were to rise by 20% while all other companies remained unchanged, the ATKN Index would increase in value by 0,325% (1.626% x 20%). If a similar situation were to happen to Z-cash, it would cause a much smaller, 0.001% change to the index because of the company's smaller market weight.

The list of tokens included in the A-TOKEN Index is not the same as the list of the largest crypto-currencies, since it does not include the currencies that are privately owned and the currencies whose tokens are illiquid.

In addition, when compiling the list, our team try most fully to present various branches of the cryptocurrencies .

Potential market

Our target group involves 5 kinds of users:

- ❖ crypto enthusiasts
- ❖ crypto traders
- ❖ crypto exchanges
- ❖ regular CFD, forex, shares traders
- ❖ regular CFD, forex, shares brokers

Firstly, A-TOKEN Index is community based asset and it means potential for growth is very high, Here we present potential market that can involve new traders and new money for crypto market.

Technical information about A-TOKEN:

Name: A-TOKEN;

Ticker: ATKN;

Amount: 30,000,000 ATKN;

Decimals: 8;

ICO dates: 10 Oct.17-15 Dec.17;

Non-reissuable token;

Link to waves explorer:

<https://wavesexplorer.com/tx/7U5YKTvz7bt85FyWRB9bvSbqtKcdK3YVJDGfuJ1Xjx>

[Bh](#)

TRANSACTION	
ID	7U5YKTvz7bt85FyWRB9bvSbqtKcdK3YVJDGfuJ1XjxBh
Type	3 (Asset Issue)
Timestamp	2017-09-12 19:12:21
Block	664084
Asset ID	7U5YKTvz7bt85FyWRB9bvSbqtKcdK3YVJDGfuJ1XjxBh
Asset Name	A-TOKEN
Reissuable	false
Quantity	3000000000000000
Decimals	8
Amount	30,000,000.0
Description	Blockchain based crypto-index
Issuer	3P0Rcf5ETviXUB2L7xAcqTK9kG4LSxfKeeF
Signature	58hdV3ZH8eHcTFWBLdD6QGEud8apu4AjVQyBWy862q2WoBtWR2es7r5r49NVrik8pjsD9KJny1BL39rEQcvzAnNa

What is Blockchain technology?

At its simplest, the blockchain is a digital record stored on a network of computers around the world. Instead of securing information by restricting access, the blockchain shares information amongst all users. Ownership of funds (for example) is cryptographically verified, and the full transparency and mutual ownership of the system means that a bad actor is immediately recognisable as such and any transactions submitted by such a node are ignored. The decentralised structure of the blockchain brings several key features in contrast to traditional centralised approaches:

- **Transparency:** it is possible for anyone to track the movement of funds from one account to another.
- **Immutability:** once confirmed, a transaction cannot be reversed. No one can interfere with a completed transfer.
- **Low cost:** transaction fees are minimal.
- **Cross-border:** funds can be sent as easily to someone on the other side of the world as they can to someone in the next room.
- **Speed:** due to the flat and transparent nature of Blockchain, transfers show up almost instantly and are typically confirmed in minutes, rather than hours or days

Why Blockchain 2.0 and WAVES?

Why Blockchain 2.0

“Since its inception, blockchain technology has been fraught with controversy over its most natural application – value transfer using the network token. Decentralized money is a groundbreaking development, but blockchain technology cannot be reduced to this alone. Being essentially a distributed database, the blockchain allows for various types of distributed ledger entries, the nature of which depends on their interpretation by the blockchain users.

By entering metadata in the ledger, which are encoded and decoded depending on the needs, the transactions about a new type of token can be supported by a network that has nothing to do with the second layer cryptocurrency (or 2.0). Essentially, the second layer ledger is the gathering of precise fractions of the underlying ledger.

This way, it is possible to create and manage a cryptocurrency without having to support or develop a Blockchain infrastructure. The main advantages are security and development costs. In its nature, the more users use and validate (no matter the consensus algorithm) a Blockchain, the hardest it is to successfully attack. So by leveraging an existing top tier chain/network to host the metadata of a second layer cryptocurrency, the security is superior than having to develop it in the first hand. These advantages are comparable with those coming from renting a server in the cloud instead of buying, deploying and maintaining the physical infrastructure.

Why WAVES ?

“WAVES is a decentralized blockchain platform focusing on custom blockchain tokens operations”. Exactly made for second layer tokens, WAVES looked like a perfect match for what A-TOKEN envisioned. Digging a little deeper, its PoS consensus model makes it faster and greener compared to PoW Blockchains. Despite being a relatively young coin, WAVES market cap of \$40M showcases its potential and strong codebase. The project managed to attract a blasting capital of \$16M during the ICO, which is, on par with Ethereum, the largest ICO ever made.

Serious projects are already leveraging the WAVES blockchain for their own second layer cryptocurrencies, for example Incent from Australia who raised \$1M earlier this year.

What is A-TOKEN Index?

A-TOKEN Index is a financial instrument in cryptocurrencies market. This Index reflects the total capitalization of the entire market, it allow users take profit from all market assets using one financial instrument.

Why A-TOKEN?

Firstly, cryptomarket doesn't have alternatives, the only thing you can do is to choose a couple of cryptocurrencies from hundreds and thousands. The only you can read through the Internet about them is advertisement, and it's everywhere.

Our creation allow all the traders both, newbies and professionals diversify their assets with A-TOKEN Index. If you believe that in future the cryptocurrencies will be known everywhere and will make life easier or even become the main currency of the world. If so, cryptomarket will rise and capitalization of the market will be bigger and bigger, some experts says that barrier of 1 trillion dollar is possible in nearest future.

Here we go, A-TOKEN Index is a capitalization of the market in token asset. It's just like to buy S&P500 or DJI. It is not guaranteed to get 100% or even 50%, we are talking about 3-10% month average for future year (including capitalization of deposit it is from 50%/year to 300%/year). You can earn more on exchange but you need a lot of money to operate and great skills of trading.

How many investments does A-TOKEN ICO want to raise?

We expect \$10-12 million, this sum will became a real statistical measure, with the chart, which is easy to understand. Next step we plan to develop an API to help people, traders, brokers, exchanches make profit from market capitalization crypto index A-TOKEN.

Token economy

Capitalizations of A-TOKEN Index list is approximately \$120billion

$120,000,000,000 / 30,000,000 = 4,000$ times more.

$4000 * 0,000155 = \text{approx. } \sim \$0,62$ (ATKN Price per token)

1-st step takes 3 days from 10 October 2017 to 13 October 2017.

1 million ATKN reserved. Discount is 40%.. Price per ATKN = $\$0,62 * 0,6 = \0.37

Unsold tokens are transferred to step 2;

2-nd step takes 16 days from 14 October 2017 to 30 October 2017.

4 million ATKN reserved. Discount is 25%..Price per ATKN = $\$0,62 * 0,75 = \0.47

Unsold tokens are transferred to step 3;

3-rd step takes 19 days from 31 October 2017 to 18 November 2017.

6 million ATKN reserved. Discount is 15%.. Price per ATKN = \$0,62 * 0,85 = \$0.53

Unsold tokens are transferred to step 4;

4-th step takes 26 days from 19 November 2017 to 15 December 2017.

9 million ATKN reserved. Discount is 5%.. Price per ATKN = \$0,62 * 0,95 = \$0.59

Unsold and additional 8 million tokens will go to DEX exchange. with price of \$0.62 or/and more.

How to know real time price of A-token Index?

When the A-token Index list will be published, there will be market capitalization sum (MSC). The formula: $MSC/30 \text{ million} * 0,000155 = \text{Current price}$

Money management policy:

An investment activity such as futures trading will be diversified into one hundred components, which will make the risks minimal, the rate of A-TOKEN is directly proportional to the volume of the entire market, with the growth of the market quotes will rise as well as operating capital of A-TOKEN LLC.

Why the name of token is A-TOKEN?

We named it as a reference to **A** class shares. These class of shares is giving more benefits and profits to holders.

OFFERING MEMORANDUM

Total amount of tokens are selling: 30.000.000 A-TOKENs

Dated October 10, 2017

The Corporation:

Name: A-TOKEN LLC.

Head Office Address: 150 Marlborough St ,
Boston, MA, United States of America

Telephone: +1 (857) 284 83 32

Email Address: team@a-token.io

Currently Listed: The A-TOKEN (ATKN) does trade on Waves decentralized exchange market.

The Offering:

Securities Offered: A-TOKEN (ATKN)

Price per Security: \$0.62 per ATKN

Minimum/Maximum Offering: The minimum is 16.1 ATKN. The maximum is \$1,612,903 ATKN. Funds available under the Offering may not be sufficient to accomplish the Corporation's proposed objectives.

Minimum Subscription Amount: The minimum subscription amount per subscriber is \$10 (16.1 ATKN).

Not a shareholder: The A-TOKEN LLC. Does not provide any ownership right.

A-TOKEN holders will have no rights to participate in the profits or the distribution of assets of the Corporation, nor will have the right to vote in any security holders' meeting of the Corporation.

Tradeability: On Waves decentralized exchange only.

Post ICO steps:

- Distributing tokens to contributors on 15 December 2017
- Distributing A-TOKEN Index to different exchanges
- Publishing A-token Index list
- Publishing current price

Where I can buy or sell A-TOKEN?

After Initial coin offering, when all tokens will be distributed, you will be able to trade;

Just using your waves wallet:

1- Click on decentralize exchange



2- Type A-TOKEN instead of BTC

Address: 3PDRcfSETvixUB2L7xAcqTK9KG4LSxfKeeF

Waves WAVES/BTC A-TOKEN

7U5YKTvz7bt85FyWR89bvSbqtKcdK3YVJDGfuj1Xjx

Candles cover 30 minute intervals
Last updated: 20:51:29

0.001030
0.001025
0.001020
0.001015
0.001010
0.001005
0.001000
0.000995
0.000990
0.000985
0.000980

Sep 17 Sep 18

4.00k
2.00k
0.00

0.001030
0.001025
0.001020
0.001015
0.001010
0.001005
0.001000
0.000995
0.000990
0.000985
0.000980

Waves buy orders

Favorites

- WAVES/BTC
- WAVES/USD
- WAVES/EUR
- BTC/EUR
- BTC/USD
- ETH/WAVES
- ETH/BTC
- ETH/USD
- WCT/WAVES
- WCT/BTC
- MRT/WAVES
- MRT/BTC
- EUR/USD

3- Make a buy or sell orders

A-TOKEN A-TOKEN/WAVES Waves

Candles cover 30 minute intervals
Last updated: 19:17:15

A-TOKEN buy orders

Price	A-TOKEN	WAVES	SUM (WAVES)
Some orders will appear soon.			

A-TOKEN sell orders

Price	A-TOKEN	WAVES	SUM (WAVES)
Some orders will appear soon.			

A-TOKEN is simple!

1. You download a wallet app, for example Chrome Extension or Html page.
2. Register a new wallet, you need it to receive **A-TOKEN**.
3. Go to purchase page, and fill in the form with Ethereum, Bitcoin, Monero, Litecoin, and Waves wallet.
4. Wait till ICO finished (15 Dec. 17) and receive your **A-TOKEN**.
5. List of Index components will be shown!

Our product has a very user-friendly interface, because we made **A-TOKEN** on Waves platform. It can be your browser extension or application on your phone.

Team

Kelsey Hubbuck

CEO, "A-TOKEN" Founder, stock market broker, market analyst, trader.

<https://www.facebook.com/kelsey.hubbuck.9>

John Mileman

Co-founder "A-TOKEN", financial advisory, market analyst, blockchain expert.

<https://www.facebook.com/john.mileman.58>

Alex Stanley

Co-founder "A-TOKEN", developer, math expert, and inventor of index math method.

<https://www.facebook.com/alex.stanley.902604>

Contacts:

Address:

450 Marlborough St

MA, Boston, 02215

United States

Tel: +1 (857) 284-8332

Email: team@a-token.io; support@a-token.io.

