



**AIIP**

# Pitch Deck

**Artificial Intelligence Trading Platform**

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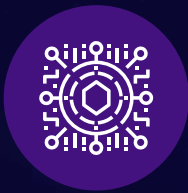
Powered by AIIP

[www.aiip.io](http://www.aiip.io)



# AIIP

Description and metrics



# 2 TGE

Token Generation Event



# AIIP

Economic Model

# Introduction

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Our major purpose was to set up a totally independent Platform of operating crypto assets on cryptocurrency exchanges.

Work with long and short positions / Make short-term and long-term forecasts / Identify trends / Define the date and values of Take Profit & Stop Loss / Manage risks and optimize portfolio / Be self-learning and adaptive to the market situation

It took us over 3 years to complete this task with numerous experiments and tests. What we got was a completely independent system with the capabilities to manage crypto assets for around 600 days without any interference from people.

Models are not redesigned, and the system wasn't upgraded. We didn't even make updates to the system's modules and components.

Please find AIPP!

Platform



# AI smart system substitutes staff members that deal with risk management

## AIP

Our creation that is designed **for managing** crypto assets portfolio on cryptocurrency exchanges. We developed this software in a way it will produce the best efficiency



The system doesn't need any manager – it functions 24/7



Provides plenty of smart strategies



Guarantees high capacity level



It is based on AI and neural networks (LSTM, NARX & DEEP Learning) so it can adapt to different conditions

# AIP is a solid and capable choice

It performed an annual profitability of 16%.  
Portfolio under management USD100k

Account profitability curve  
and the BTC cost curve



Two periods of varying volatility  
were studied from Jan 19' till Jul 20'



This percentage of profitability  
cannot be higher for the current  
market with its level of variance



The major indicator to be considered  
was the dynamics of BTC to USD cost



Profitability will be increased  
in V2 of the Platform



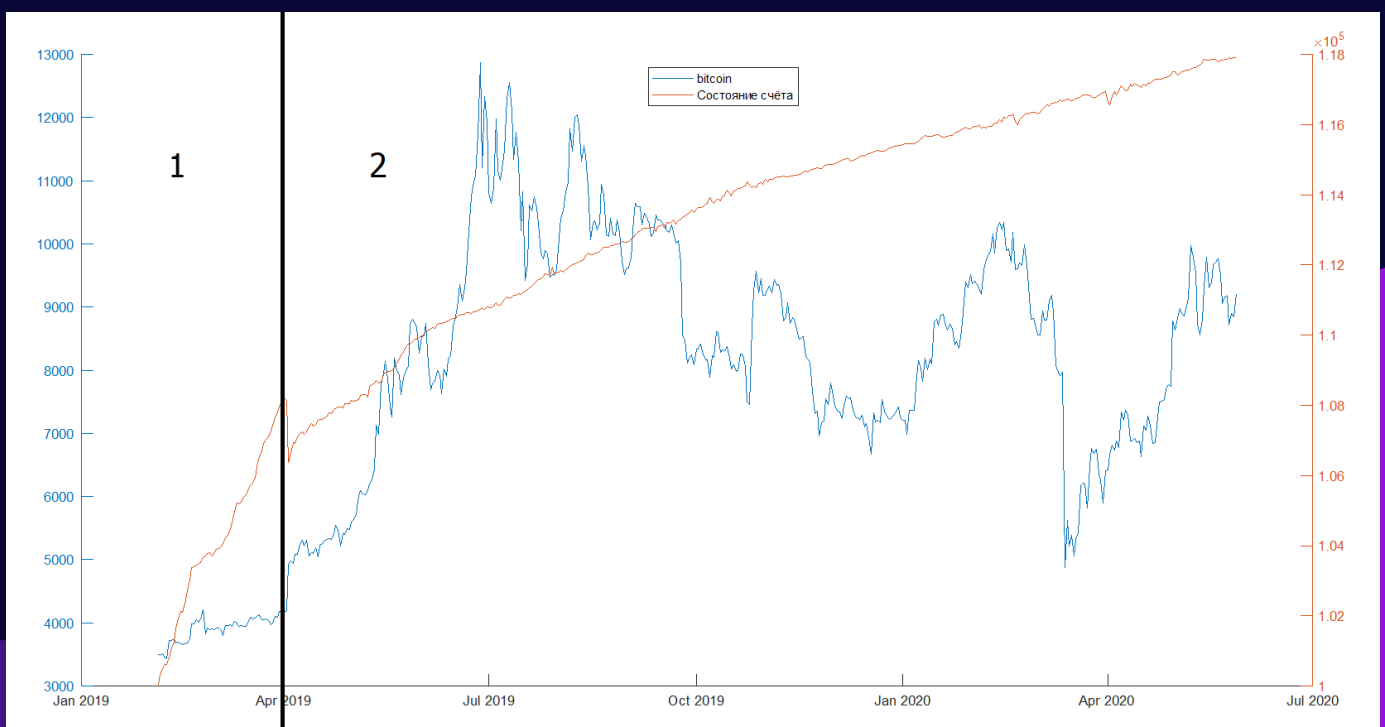
According to research, the volatility  
for the first period was 5.05% whereas  
for the second – 20.1%



This led to the profits decrease  
for the period 2 – from 54% to 11%.  
The Platform chose the strategy of  
saving the assets, which was less risky



A shift in the BTC cost that took place in April 2019 caused the necessity to recalculate  
the model and to adapt to new conditions of the marketplace of the period.  
Due to that, the Platform becomes less risky and less profitable.



# What we learned during more than 600 days of operations

	Period 1	Period 2
Average square deviation (ASD) of BTC price	\$198	\$1702
Volatility (coefficient of variation, or ratio of ASD to average)	5,05%	20,1%
Average annual trade Profitability	54%	11%

The experiments over Platform V1.1 were stopped at the end of 2018. A few months later, in Feb 2019, we activated the Platform. The Platform management was tested with \$100K to be operated in real market conditions.

The main thing we were focused on during the testing is completely independent management that doesn't require interaction with a human. The Platform wasn't stopped, models weren't redesigned, and strategies weren't adapted as well. We only observed it.

The major purpose for that was to figure out what was operational stability. We also wanted to learn whether the subsystems were stable enough to manage the capital operation in terms of denoted before strategies and adaptation for the new conditions methods.

The Platform performed operability and stability at a high level. When different occasions occurred to the Platform, such as Internet access problems or API shutdowns, it was very successful in resuming the operation completely in standalone mode. We also discovered that AI subsystems were the most successful in profitability increase when different rates of volatility happened to take their places on the marketplace. AIIP was able to choose the time of a certain asset entry or exit alongside its position in the portfolio. It performed a good efficiency of controlling over risk. Moreover, it continued following the chosen strategy and didn't stop defining assets' scope, structure, and disposal in the portfolio.

Currently, AIIP copes with managing crypto assets independently. At the time of writing, the operation lasts for more than 600 days in a row without any interruption or involvement. The system had already completed around 1,100 deals from the third of Feb 2019 till the fourth of Feb 2020. The annual return percentage performed is 16%.

The shift in the cost that happened to the majority of cryptocurrencies in April 2019 caused a decrease in profitability of that period. That was a time when the largest account drop happened because the system was forced by incorrect placement of orders to close all the positions with losses. This caused the necessity to recalculate the model and to adapt to new conditions of the marketplace of the period.

Some features of the chosen strategy were also changed for the purpose of avoiding such movements that can lead to significant losses. We have to point out that there are two periods of varying volatility to consider when talking about AIIP's operation. The chart on the previous slide shows the dynamics of BTC to USD cost as an indicator of overall market volatility.

# The Platform proved operational efficiency & stability

If we take a closer look at digits, we will find out that the system was quite successful in adapting to a high level of variance and in decreasing potential risks. Everything was completed right thanks to adjusting the time of the transaction, average profit/loss.

	Period from 03.02.2019	Till 1.04.2019 - 55 days -	Till 17.04.2019 - 72 days -	Till 10.11.2019 - 280 days -	Till 28.05.2020 - 480 days -
<b>Operating markets</b>	Total annual yield (%)	54%	37%	19%	14%
	Account Volume	\$ 108 140	\$ 107 450	\$ 114 500	\$ 117 900
	Total number of transactions	196 3,5 per day	218 1,29 per day	914 3,34 per day	1 542 3,14 per day
	Average profit per transaction	\$ 133	\$ 136	\$ 74	\$ 71
	Average loss per transaction	\$ 99	\$ 82	\$ 50	\$ 55
	Number of profitable transactions	108 (55%)	116 (53%)	484 (53%)	817 (53%)
	Number of loss-making transactions	88 (45%)	102 (47%)	430 (47%)	725 (47%)
	Long transactions	54%	55%	56%	54%
	Short transactions	46%	45%	44%	46%
	Average duration of profitable transaction	0,85 day	0,88 day	0,85 day	0,72 day
	Average duration for loss-making transaction	0,22 day	0,19 day	0,16 day	0,13 day
	Average profit / Average loss	1,34	1,66	1,48	1,3

<b>Risk indicators</b>	Maximum profit per transaction	\$ 611
	Maximum loss per transaction	\$ 1108
	Maximum loss for the account	\$ 2013

# The Platform provides a necessary set of functions to manage portfolio sustainably

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AIIP keeps an eye on the assets' prices dynamics and chooses ones featuring the best level of predictability



AIIP watches the dynamics of the major crypto assets and considers the ratio between them. This process is devoted to selecting the most similar and the most different ones in the frame of dynamics vs the market index



AIIP is able to make projections, and calculate risks. These operations are based on statistical data of price movements



It can also independently reappropriate the portfolio budgets in order to level off returns



With it, the portfolio will be always checked and monitored. It is done in a way of opening and closing existing positions when the take-profit/stop-loss signals are taken into consideration. It will easily define the time when the strategy needs to be adapted to shifts happening in the market



It constantly upgrades itself with the process of adapting different models such as neural networks



# Artificial Intelligence Investment Platform\*

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The Platform will automatically decide when to make the asset exit or entry. It's also capable of shaping the portfolio that corresponds to the chosen strategy. The system deals with calculating and setting the take profit & stop loss, and with re-building the models in order to make the respective in terms of the volatility as well. An LSTM neural network provides the forecasts predicting movements in a long-term period. The Platform performs high capacity and stability.

**4 modules are included in this Platform.**

- Market analysis subsystem
- Game strategy generation subsystem
- Risk protection and evaluation subsystem
- Signal generation and management subsystem

**Consider the following:**

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**Except for AI Platform, the structure of AIIP contains 4 more coordinated subsystems:**

- **API subsystem**  
It's dealing with interaction with brokers and exchanges. It's also responsible for delivering the necessary statistics helpful in implementing the strategy. Interaction with exchanges and brokers providing statistical data and opportunities to implement the game strategy.
- **Subsystem for generation of management targets and selection of pre-set game strategies**
- **UI (User interface) subsystem**  
UI subsystem sets starting values for the chosen models. It's necessary when designing updated strategies.
- **Report generation subsystem**  
It copes with the specific function of providing reports on different aspects such as profitability, quality, efficiency, account dynamics, etc.

# Risk management system



## Market risk

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### Problem

*The volatility of costs causes bad results:*

- Inappropriate behavior is when new positions are opened when expensive and sold when cheap
- The portfolio might be recalculated causing an undesired decrease

### Solution

*Take a look at these models:*

- Cost and dynamics are segmented for the purpose of defining tendencies.
- Models to provide forecasts for various time frames.
- Trading signal risk measurement models

### Result

If everything is done correctly, the market trends, their durations, and the points of entry and exit providing profits will be easily discovered.



## Portfolio risk

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### Problem

Allocation of capital is extremely important when the assets' dynamics correlate with the index. For instance, if the portfolio includes correlated assets only, a decreased index may result in a drop in the cost of the whole portfolio.

### Solution

The following models are helpful in dealing with the described risk:

- The similarity between the cryptocurrency dynamics and the index should be defined with the dynamics of Bitcoin.
- Select cryptocurrencies with similar dynamics to Bitcoin.
- A favorable model that evaluate the structure optimizing major targets.

### Result

If models are implemented correctly, the strategy will be possible to be profitably managed thanks to targeting a range of certain goals.



## Strategy risk

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### Problem

The consequences for AI and models might be different. In this case, we need to focus on how to manage the game strategy performance:

### Solution

This type of risk might be managed with the help of algorithms that track specific statistical data about such indicators as profits, significance, risk, and so on. When changes reach a certain point, these algorithms deliver the data on how to take control over the strategy's aspects. To complete everything in the right way, we rely on CUSUM.

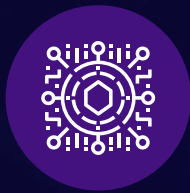
### Result

If this solution is managed in the right way, the trade strategy is monitored, and the critical deviations in strategic metrics are defined. The solution will also determine when it is necessary to update aspects of strategy management.



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## **2 TGE**

Token Generation Event



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Economic Model

# Our Major Target

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We are focused on developing a tool that will be helpful in providing profitable and stable trading with crypto assets



The Aim of this Project. We want to provide a special system to operate cryptocurrencies without human interference. We want it to be able to cope with managing risks, strategies, capital at high volatility market conditions



We also want to provide Crypto assets holders with a state-of-the-art solution for managing their assets



We want to make crypto investment more popular. To do that, we involve a high-technological approach



**TGE** (token generation event)

# is a necessary component for activating the scalability of the Platform and for preparing quality infrastructure

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**Improve the available services and increase their level so that they could be effective for global operating (V2):**

1. In order to be capable of operating in a market with a high level of variance, the system needs to be able to change or adjust the strategy in accordance with new requirements
  2. Any market situation shouldn't cause a decrease in profitability
  3. The number of holders should be increased alongside the number of deals
- 



**Set up an international corporation that will deal with delivering the services to help people and organizations to operate the assets:**

The clients want to rely on a trusted company. That is why Obtaining the license allowing providing services to international customers is necessary.

# What are the main features of the token

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## AIP Token



AIP is defined as a cryptographic token that cannot be used as a commodity or other type of asset. For more information please see Whitepaper

## Project budget



All assets that are in excess of the project budget will be transferred to AIP management. It will help to increase the profits of an organization due to the high profitability of the token.

## Offerings of AIP tokens

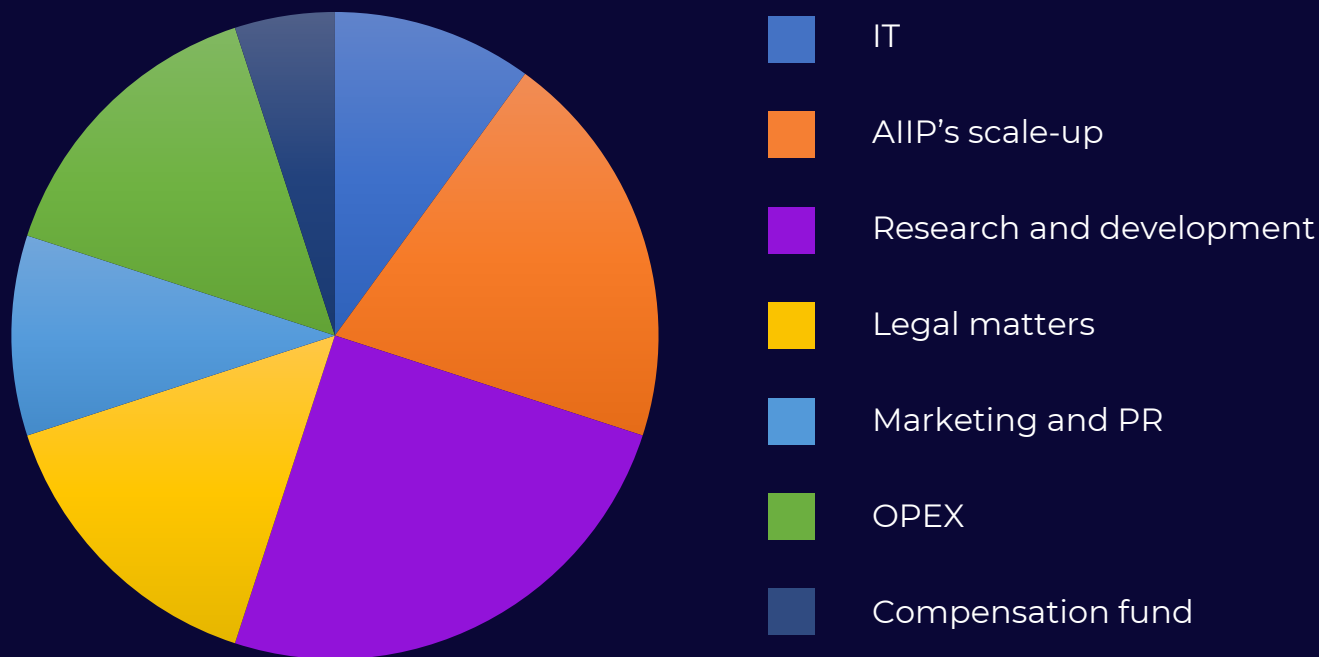


- The company expects to place 3 million tokens on the market
- Purchase is possible after
- KYC/AML procedures in the user's personal account

# Tokenomics

## TGE budget allocation

Project budget 12.000.000 USD



## TGE budget allocation



Available for sale,

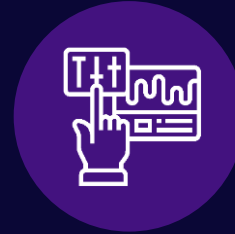
Partners (advisors, options etc.)

\*Unrealized tokens burn down after TGE completion  
Team tokens will be blocked within 18 months after TGE completion

# Consider these opportunities to get profits



Those customers who buy tokens may lot upon receiving perks provided by the TGE Company in the form of airdrops.



When we consider a bonus we need to point out that this bonus comes in the form of additional tokens. The aspects that impact bonuses were described above.



Some clients may benefit when delivering some tokens to Platform management.

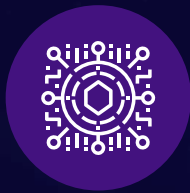
Except for that, there is a possibility to rely on the risk-free trading strategy. The revenues might be provided to the customers by the Platform management.





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# Financial model

## Baseline scenario results

Investment metrics for token holders	Unit	
Initial investments of token holders	USD mn	6,0
NPV	USD mn	75,4
IRR	%	149%
Payback period (PP)	years	2,3
Discounted payback period (DPP)	years	2,5
Profitability index (PI)	x	12,6

# Cash Flow

USDk

	Total	2020	2021	2022	2023	2024	2025	2026	2027
<b>Operating CF</b>	584 271	-	-2 272	854	71 193	101 588	117 991	136 739	158 177
• Operating profit	570 779	-	-2 272	883	76 889	107 926	117 991	128 798	140 635
• Taxes paid	-80 787	-	-	-28	-6 912	-14 353	-16 825	-19 689	-22 979
<b>Investing CF</b>	-1 447 202	-	-100	-544 404	-390 675	-101 117	-117 338	-136 072	-157 495
• Capex <small>(PPE and intangibles purchase)</small>	-100	-	-100	-	-	-	-	-	-
• Portfolio investment	-1 048 747	-	-	-543 060	-347 280	-36 254	-38 429	-40 708	-43 016
• HoldCo portfolio	-	-	-	-	-	-	-	-	-
• OpCo Client portfolio	-865 440	-	-	-543 060	-322 380	-	-	-	-
• OpCo own funds portfolio	-183 307	-	-	-	-24 900	-36 254	-38 429	-40 708	-43 016
• Withdrawals to pay dividends and airdrops	868 721	-	-	6 428	126 795	161 254	175 478	190 959	207 806
• Dividends, paid to Clients	-868 721	-	-	-6 428	-126 795	-161 254	-175 478	-190 959	-207 806
• Cash, paid to:	-398 354	-	-	-1 344	-43 395	-64 863	-78 910	-95 364	-114 478
• Token holders:	-199 177	-	-	-672	-21 697	-32 432	-39 455	-47 682	-57 239
HoldCo portfolio investment income	-	-	-	-	-	-	-	-	-
Airdrops from OpCo's dividends	-152 038	-	-	-672	-21 089	-28 424	-31 007	-33 867	-36 979
OpCo portfolio investment income	-47 139	-	-	-	-608	-4 007	-8 448	-13 815	-20 260
• Founders:	-199 177	-	-	-672	-21 697	-32 432	-39 455	-47 682	-57 239
• HoldCo portfolio investment income	-	-	-	-	-	-	-	-	-
• Airdrops from OpCo's dividends	-152 038	-	-	-672	-21 089	-28 424	-31 007	-33 867	-36 979
• OpCo portfolio investment income	-47 139	-	-	-	-608	-4 007	-8 448	-13 815	-20 260
<b>Financing CF</b>	871 440	-	6000	543 060	322 380	-	-	-	-
• Token sales	6 000	-	6000	-	-	-	-	-	-
• Client funds raised	865 440	-	-	543 060	322 380	-	-	-	-

# Roadmap

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## 2018

- **Q1** - The project creation
- **Q2** - Experiments with cryptocurrency exchange
- **Q3-4** - First version of trade robot and AI developing

## 2019

- **Q1-Q2** - Investment strategy and crypto portfolio developing
- **Q3-4** - Aii beta version creation and testing

## 2020

- **Q1** - First round of investment for private users
- **Q2** - System control with an increase in the portfolio budget
- **Q3** - Completion of the system testing and positive results achieved
- **Q4** - Project documents preparing  
(Whitepaper, token sale contract, user agreement, KYC procedure etc.)

## 2021

- **Q1** - Legal Entity registration
- **Q2** - Marketing plan and partnership ways developing, Promo preparing
- **Q3** - Company Promo
- **Q4** - Token generation event

## 2022

- **Q1** - Launching users trading system interface
- **Q2** - License and required permits obtain Financial markets platforms Listing
- **Q3** - Final testing and launching v. 2.0 of the System
- **Q4** - New users serving



## Michael Liberman

- CEO

Known as one of those who founded AIPP. Michael has over 20 years of experience in working with the largest global companies, governmental organizations, and well-known startups. Michael is a Magister in Computer Science. He graduated from the University of Massachusetts and from Mississippi State University. Over these years, he worked as a senior executive for product security, CEO, Head of Architecture and Labs at Ping Identity, scientist, and researcher.



## Jeong Yang

- Blockchain and Software

Bachelor of science. His major field was related to HTTP/2 protocol. He has vast experience in working as a developer and a software engineer. Before he joined a small studio in Singapore, he was dealing with the developing of software for one of the banks in Switzerland. When working in that company, he got to know about Bitcoin and lighting. Jeong became involved in LND and other projects in that field. Exploring more about the industry, he understood the necessity to devote more time to working on Lightning Network backend services.



## Tykera Cross

- Marketing

Has a huge experience in working with reputable and reliable clients from all over the world. She took leading positions in several consulting companies working globally with international clients. She gained a lot of new experience in consulting and business management. Laura graduated from Bocconi University with a Bachelor of Arts in Economics, statistics, and econometrics. She also graduated from the Zurich Elite Business School.



## Andrew Shafarevich

- UX

Experienced specialist in Digital Marketing. His experience of work includes 7 years of serving for one of the largest European e-commerce sites. Except for Digital Marketing, his occupation includes more specific fields of Graphic & UI/UX Design, which requires dealing with the most advanced tools and technologies. Andrew is one of the specialists who are coping with different projects. That is why one of his most demanded skills is creativity, using which he can produce the best design ideas for any brand.



**AIIP**

**Thank you**

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