mindsync

Whitepaper

Machine learning competitions to help solve business tasks
and a marketplace for AI services

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Abstract

The age of artificial intelligence (AI) technologies is well and truly upon us. While movies like The Matrix have shown us the cataclysmic effects of intelligent machines, we cannot ignore the vast benefits that AI technologies bring to businesses today. The use of AI technologies can help reduce operational costs, increase efficiency, grow revenue and vastly improve the customer experience. And unbeknownst to us, we are surrounded by intelligent devices that are making our lives easy.

Businesses around the world are realizing the awesome powers and capabilities AI technologies can bring to their processes. And it has been estimated that global spending on cognitive and AI systems will surpass $37.5 billion in 2019, an increase of more than 50% over the amount spent last year. This shows the tremendous interest of global businesses to secure a competitive advantage by using AI technologies. However, like any growing market, the AI market also suffers from certain pain points, which, if not addressed, may prove to hinder the effective utilization of this truly transformative technology.

Mindsync aim is to create human swarm intelligence[1] on a decentralized supercomputer.

It all goes back to the birds and the bees. Fish too. Even ants. It goes to the great many organisms that amplify their group intelligence by forming flocks, schools, shoals, colonies, and swarms. Across countless species, nature show us that social creatures, when working together as unified systems, can outperform the vast majority of individual members when solving problems and making decisions. Scientists call this “Swarm Intelligence” and it proves the old adage – *many minds are better than one*.

Mindsync is a platform and a global community of machine learning developers, data scientists and applied AI experts. This community will be able to cooperate as well as participate in competitions between individuals and teams to solve various problems. This can be called "Human Swarm Intelligence". Businesses of all kinds and sizes may benefit from world class talent on a single platform. Customers can order customized AI solutions through ML/DS competitions or choose from a wide collection of ready solutions.

Mindsync will also look to strategically partner with decentralized supercomputer projects and then create its own global network (*decentralized supercomputer*) by engaging Ethereum miners in exchange for offering more profitable mining and make this computing power available to Mindsync community members and customers. This will help reduce the high costs for availing computing capabilities and allow everyone, from schoolchildren to scientists, to use the previously inaccessible computational power in their projects and open new horizons for researchers in AI domain.

Contents

Vision

1.1 Problem

The major pain points in the path to utilization of AI tech include:

Lack of enough experts

The demand for applied AI experts, data scientists, machine learning and deep learning developers is growing every day. Today these specialists are rare and expensive. But in spite of it all, highly competitive nature of business requires highly skilled personnel to find efficient solutions in the shortest time. The scarcity and costs of these resources are a big problem for organizations using, or wanting to use, AI technologies.

Complexity in integration and adaptation

Despite the AI industry development, in pursuit of ready-made AI solutions applicable for solving real business problems, and in other areas, their integration and adaptation are still a complex question.

High demand of computing power, and eventually, costs

Data science and machine learning tasks are usually resource intensive ones and can be efficiently solved using a large number of CPU and/or GPUs. Using cloud services such as Google Cloud, Amazon AWS, Microsoft Azure can solve that problem, though with an unreasonably high price.

Security issues

AI tech is increasingly being integrated into high-tech consumer products. This can potentially affect our life and safety in ways we cannot even begin to imagine. Without independent automated data integrity check and version control, it is not possible to guarantee replicability that is crucial in applied machine learning algorithms with high security requirements.

1.2 Proposed solution

To address these issues, Mindsync is creating a unified platform to:

Establish an active community of experts in the field of AI technologies like machine learning (ML), computer vision (CV), deep learning (DL), natural language processing (NLP) and data science (DS). This community will be a source of contact for customers of all sizes to access state-of-the-art AI-based solutions for their businesses and will develop AI solutions, share experience, and improve competence on the Mindsync platform.

Creating the marketplace for ready AI solutions (ML-models and datasets). Placing production-ready solutions on the marketplace in enterprise-ready containers. Solutions may be paid or free. This will allow developers of high-quality and popular solutions to use the Mindsync platform as a source of steady income or to contribute to the community and help other participants build new solutions based on them as well as improve their own skills.

Exploitation of crypto mining farms and exchange of computing power among some participants of the community. This significantly reduces computation cost by more than threefold in comparison with cloud computing. Mindsync will also use its own computing resources, supercomputer projects such as SONM, and cloud services to diversify denial-of-service risks and provide maximum quality of their services.

Deployment of a blockchain assures security and data integrity. Persistence of ML-models hashes, data, solution quality assessments, solution ratings, and the platform participant metadata are all saved in the embedded blockchain. It allows to verify objects and their dependencies that is crucially important in development of replicable and safe solutions.

1.3 Our vision and mission

Mindsync is an AIaaS (AI-as-a-Service) and ExaaS (Expert-as-a-Service) platform. We seek to help solve business problems of customers through AI-based solutions that are created through rewarding competitions within the community or through choosing from a wide range of production-ready solutions in our repository.

We are on a mission to provide better and cheaper AI solutions for a wide range of businesses through a readily available community of experts. While customers will be spoilt for choice at the available talent on the platform, the community members also get a platform to earn rewards, exchange experience and interact with like-minded individuals for personal and professional growth.

Market analysis

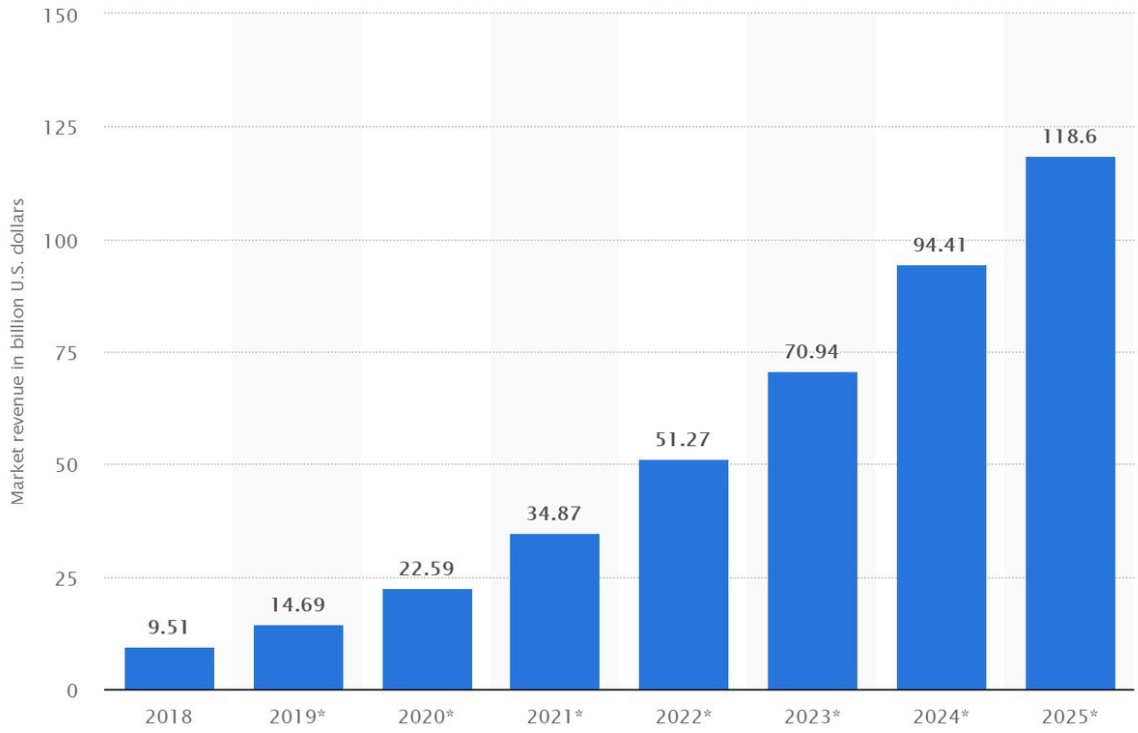


Fig 1. Revenues from the artificial intelligence (AI) software market worldwide from 2018 to 2025 [2]
(in billion U.S. dollars, * - forecast)

2.1 Demand (market size)

Global spending on artificial intelligence (AI) systems is expected to maintain its strong growth trajectory as businesses continue to invest in projects that utilize the capabilities of AI software and platforms. According to the recently updated International Data Corporation (IDC) Worldwide Artificial Intelligence Systems Spending Guide[3], spending on AI systems will reach $97.9 billion in 2023, more than two and one half times the $37.5 billion that will be spent in 2019. The compound annual growth rate (CAGR) for the 2018-2023 forecast period will be 28.4%.

Investments in AI systems continue to be driven by a wide range of use cases. The three largest use cases – automated customer service agents, automated threat intelligence and prevention systems, and sales process recommendation and automation – will deliver 25% of all spending in 2019. The next six use cases will provide an additional 35% of overall spending this year. The use cases that will see the fastest spending growth over the 2018-2023 forecast period are automated human resources (43.3% CAGR) and pharmaceutical research and development (36.7% CAGR). However, eight other use cases will have spending growth with five-year CAGRs greater than 30%.

The largest share of technology spending in 2019 will go toward services, primarily IT services, as firms seek outside expertise to design and implement their AI projects. Hardware spending will be somewhat larger than software spending in 2019 as firms build out their AI infrastructure, but purchases of AI software and AI software platforms will overtake hardware by the end of the forecast period with software spending seeing a 36.7% CAGR.

The bulk of investments into Cognitive and AI solutions are directed to Software applications and platforms, 50.2% of the US$12 billion in 2017. IDC forecast that this trend will continue into 2022 with Software investments registering a CAGR of 53.7% during the five-year forecast period. This massive expansion represents an enormous potential market for **Mindsync** which aims to target the software applications and platforms segment of the AI market.[3,4]

Mindsync project has the potential to capture 15% of this market within five (5) years of operation, which will represent an annual turnover of US$2.77 billion. Such turnover will translate into a massive increase in the demand for the Mindsync (MAI) token which will be the sole medium of transaction on the platform.

No MindsyncAI tokens will be mined (created) after the Token Generation Event (TGE) and therefore no dilution effect/risk. Given the non-minced nature of the coin, increase in the demand for the platform's service, even if modest, will lead to material increases in the market value of the MAI token.

2.2 Competition

The crowdsourced market for Artificial Intelligence and Machine Learning solutions is a quite new market with few market players. The competition study conducted on this market reveals three (3) companies offering a similar product to that of Mindsync:

1. Kaggle:

Kaggle is a data science platform for predictive modeling and analytics competitions. The company was acquired by Google in March 2017 for an undisclosed amount.

- Founded: April 2010.
- Location: San Francisco, USA.
- Estimated revenue: US$5.8 million
- Number of Employees: 21

2. Crowdanalytix:

CrowdANALYTIX is a crowdsourcing platform that enable businesses to build customized AI-based analytics solutions to automate business processes.

- Founded: 2012
- Location: California, USA and Bangalore, India.

- Estimated revenue: US$2.9 million
- Number of employees: 75

In January 2019, Crowdanalytix announced that it has raised US$40 million investment from Macnica group.

3. Analytics Vidhya:

Analytics Vidhya is an online platform that allows users to post business analytics, big data and data visualizations tools related queries.

- Founded: 2014
- Location: Haryana, India
- Estimated revenue: US$1 million
- Number of employees: 10

2.3 Mindsync advantages

Mindsync is an all-in-one place to perform machine learning and data science tasks.
Key advantages of Mindsync is:

- Tokenization and smart-contracts guarantee the fulfillment of obligations by participants.
- Multi-GPU Deep Learning Machine at the lowest price on the market (up to 30x cheaper than Google Cloud).
- Scalability and Uberisation[5]. Unlike competitors, the resources required to fulfill customer orders are taken from the platform community. Mindsync can easily increase production capacity by increasing the platform community by attracting specialists in competitions and new interesting and complex tasks in the AI domain.
- Marketplace for ready-made AI solutions. Ready-made machine learning models and data sets can be sold or rented.
- Platform experts and clients can create competitions with any reward independently without participation of Mindsync staff.
- Data verification and integrity: All the data verified, hashed and stored in blockchain and IPFS
- API : Mindsync AIaaS (AI as a Service) platform allows to run production-ready solutions on itself and make requests to it using RESTful API without deploying it on external servers, i.e. on the customer side. This makes possible to create lightweight and scalable applications using AI technology with theoretically unlimited computing power for any device.
- Mining and resource sharing. Miners or any Mindsync platform member who owns computing resources can provide them to other members for a fee.
- Cheap AutoML

	Kaggle	CrowdAnalytix	Analytics Vidhya	Mindsync
Community	o	o	o	o
Competitions	o	o	o	o
Experts	o	o	o	o
RT Leaderboards	o	o		o
Run code (Kernels)	o			o
GPU	o			o
Multi GPU*				o
AI marketplace				o
Third-party independed				o
Blockchain				o

* In comparison, the cost of miner's computing resources used by Mindsync compared to the most popular cloud resources providers:

GPU pricing, NVIDIA Tesla P100 for 24 hours [6,7,8]:

Service	Hourly	Daily
Google Cloud	$1.46	$35.04
Microsoft Azure VM	$2.1	$50.40
IBM Cloud	$1.95	$46.80

Miner's revenue per one NVIDIA GeForce GTX 1080Ti*, 24 hours [9]:

Name(Tag) Algorithm	Block Time Block Reward Last Block	Difficulty NetHash	Est. Rewards Est. Rewards 24h	Exchange Rate	Market Cap Volume	Rev. BTC Rev. 24h	Rev. $ Profit
Nicehash-Ethash Ethash	BT: - BR: - LB: -	- 7.04 Th/s 9.0%	0.00008 0.00008	1.54647905 (Nicehash) -1.9%	- **10.17 BTC**	0.00008 0.00008	$0.77 **$0.54**
EthereumClassic(ETC) Ethash	BT: 12.97s BR: 3.88 LB: 8,817,352	**135,093,361M** 10.41 Th/s -1.7%	0.1228 0.1207	0.00061900 (Binance) -0.8%	$694,276,295 **349.06 BTC**	0.00008 0.00007	$0.74 **$0.51**
Ethereum(ETH) Ethash	BT: 13.57s BR: 2.00 LB: 8,579,197	**2,423,282,604M** 178.60 Th/s -1.2%	0.0035 0.0035	0.02109500 (Binance) 1.4%	$22,455,288,857 **6,106.92 BTC**	0.00007 0.00007	$0.73 **$0.50**

Miner's GPU resources are **more than 60 times cheaper** than Google Cloud. The profitability of GPU mining on the same GPU model has been declining over time due to the growing complexity of the Ethereum network. This significantly reduces the cost of these resources over time, while forcing miners to buy new GPUs.

Mindsync will provide cryptocurrency miners with Mindsync mining software that automatically switches between Ethereum mining and machine learning tasks. Miners can benefit from the Mindsync Miner,

* 1080Tis perform similarly to P100s for most machine learning tasks.

which will perform machine learning tasks for an increased fee. Performing these tasks will be more profitable for the miner than mining of the main currency more than 5 times (up to 20x).

2.4 Why firms will prefer to crowdsource DS/ML task instead of hiring an in house expert

Cost for computational power

Conducting AI and ML tasks require supercomputers to run infinite computations and to process large data sets in order to obtain reliable outputs. Obtaining such computational power for one-time task becomes inefficient for small-medium size businesses.

Third-party platforms like Mindsync will allow firms to rent such computational capacity for the duration of their task.

Repository for readymade AI Solutions

Customers will be able to access readily made AI solutions on the Mindsync platform. This will allow for the rapid deployment of such solutions.

Infrequent nature of AI task

Most AI tasks are one-off projects and therefore making it inefficient or unnecessary to maintain an in-house expert.

Wide expert pool

The Mindsync platform will bring together experts in Data Science & Machine Learning from across the globe. This avail businesses to access a wider pool of expertise for their AI needs as opposed to hiring an in-house expert or outsourcing to an individual firm.

Solution validation

Customer will benefit from an extra layer of security as all solutions will be tested and validated by the platform's independent experts prior to deployment to customers.

How it works

3.1 The product

Mindsync is an online platform where business can crowdsource computing tasks to a global community of experts and developers in a field of Artificial intelligence(AI). Tasks that can be crowdsourced will include machine learning (ML), computer vision (CV), deep learning (DL), natural language processing (NLP) and data science (DS).

On the Mindsync platform, customers can ask for the creation of a customized AI-based solution to their business problems, by creating a challenge. This challenge (if not private) will be visible to all the community members. Interested experts on the platform will register their participation in the challenge after accepting the terms and conditions governing it. The expert (individual or team) participates in competition by send code and/or predictions. Winner that successfully creates the solution will submit their entry for the review of the customer as well as other experts in the community. Once the review is successful, the customer buys the solution that can be integrated into their business processes.

Customer's will be able to either order customized AI solutions or choose from a repository of readily available solutions. Mindsync will allow to host solutions on the platform and make it accessible via API without any deploying. This is dramatically simplify integration of the solution.

The blockchain technology offers an excellent infrastructure for the Mindsync project that cannot be obtain from the conventional centralized internet technologies. These benefits include:

1. Immutability : The hash (a function use to map data of arbitrary size to a cryptographic fixed output) of the training data sets will be stored in the distributed ledger making it impossible for any single player to compromise the integrity of the data-sets.

2. Smart contracts : The smart contract applications of blockchain technology will allow for participants of the platform to contract binding agreements without the need for trust.

3. Tokenization : The MAI tokens will provide a standardized medium of exchange for transactions on the Mindsync platform. Tokenization will also permit to manage credit risk by making it possible to freeze fees in customers' account once a challenge is created.

3.2 Platform interactions

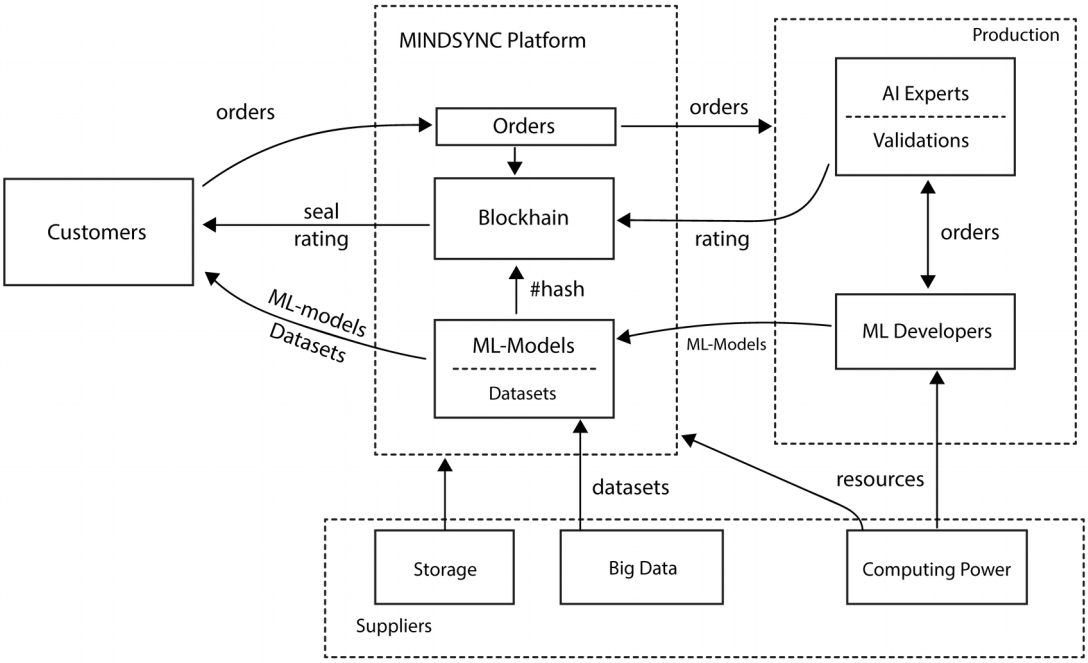


Fig.1 Platform interactions

Mindsync entities:

Member

Mindsync provides free registration for any person via web or mobile app by creating Mindsync account. The benefits that the platform provides are only accessible via Mindsync account. The member can be either Expert/Developer or Customer or both. Experts define problems supplied by customers. They help to formulate and adapt the problem. They accumulate ratings and values by participating in competitions and projects. Every member of the platform has track-record and verified rating that allows to evaluate the contribution to the platform. There is also available an option to pass KYC verification. The provided personal information is hashed. Hashes are stored by platform's blockchain. The private data also helps in making the interaction between experts and customers more trusted and transparent, e.g. signing NDA before starting a project make greater sense.

The platform allows customers to place tasks mostly in the form of a competition, since competition format provides the most efficient way of problem solving. Other forms of interactions are possible too and are subject to research.

Organization/Team

Members can create an organization. It unites members into a group and provides more comfortable way for collaboration. Organization can also be a customer which initiates a competition. Organization

provides privacy and restricts access to the datasets.

Community

Basically, all the members and organizations are the platform's community. The accumulated knowledge is shared among the community. Community is the pool of experts that can participate in solving and defining tasks. One of Mindsync project's main goals is the creation of a global community of DS/ML experts and using this huge talent pool to help solve business problems by creating cutting-edge AI-based solutions.

Platform

The platform's role is to provide technical support for the project's ecosystem. It attracts members and expands the community. The platform is engaged in maintaining the project's economy, models market and in developing resources for the community. The role of the platform will be assumed by the Mindsync team prior to the development of the DAO.

Dataset

A set of datasets in the Mindsync system will be available. Datasets can be private and public, accessible to the whole community or within individual(s) organization(s)/group(s). In the case of publication, it's necessary to specify the conditions (license) on which the other participants of the platform can use the information contained in dataset. Datasets can be provided by participants in a packaged (archived) form and can contain any kind of information, but basically it can be imaged as CSV file or set of images. The information contained in datasets is hashed. Hashes are stored in the platform's blockchain. This functionality provides guarantees of integrity and immutability of the information contained in datasets.

Solution

This is the final executable and source code representing learning procedure and final inference. The Mindsync platform also provides tools for versioning and hashing code developed by the participants. The release mechanism creates a snapshot, computes the hash and stores it in the blockchain.

Project/Competition

A set of terms and conditions in the context of which the task and the goal are defined. Requirements pertaining to the development of solutions is iterated in the process of communication between customers and experts through the Mindsync platform.

The mechanism of interaction of participants depends on their role. In the process of interaction, knowledge is generated in form of experience, models or source code. These artifacts are made available to other participants, serve to accelerate the dissemination of information and strengthen the Community.

Incentives for Members includes knowledge, contribution to the community, personal rating as verified skill score and money as a reward for their work.

Customer benefits are a solution to a specific problem by attracting a large number of specialists and providing a quick test of a large number of hypotheses, or consulting in the case of absence of its in-house experts.

It is also important to notice that interaction with the Community includes healthy communication and consultations with several experts, which negates the likelihood of making a wrong decision.

3.3 Competitions

Competitions are a way to get a strong solution to a problem in a relatively short time. The advantage of the competition is that a large number of competent people work on the task, who manage to test a large number of hypotheses. As a result, the customer receives a working algorithm and, what is often more important, the knowledge that the result obtained cannot be improved at low cost.

In other words, the solutions obtained as a result of contests are an approximation to the upper possible limit of the quality of the ML model.

This circumstance makes competitions extremely effective in applications where even a relatively small improvement in the quality of the forecast is in demand by the business (Fig.2).

As example, to get a result similar to the competition, and to check a comparable number of hypotheses, you need several (tens) personyears of work.

Task requirements come from the customer, but at this stage it's possible to involve community experts for consultation and assistance.

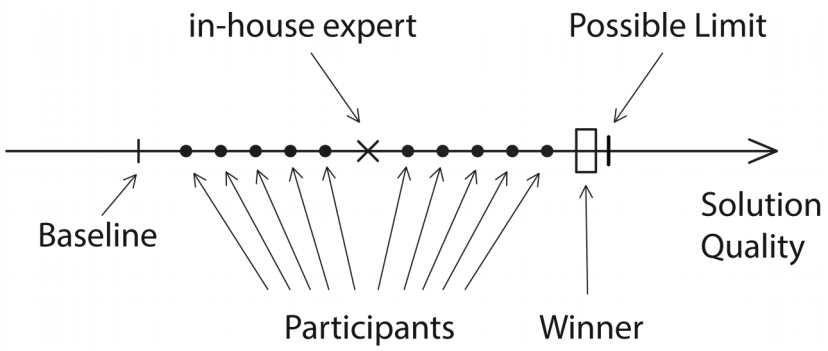


Fig.2 Crowd-sourced solution quality

The competition mechanics are tailored to a specific task, but the general mechanism is as follows:

1. The terms and metric are determined and the data for training is given to the participants.
2. Participants optimize the metric in the framework of the contest rules.
3. The final assessment of the ML-models takes place on the test dataset.
4. Winners and top participants are awarded in proportion to their contribution.
5. Solutions, approaches and experiences are documented and become knowledge of the community.
6. All participants receive ratings.
7. The ML-model is published on the platform market.

The mechanics of the competition, additional restrictions, the method of choosing the winner and other nuances may, if necessary, be redefined by the Customer to match the original task.

The benefits of using the Mindsync platform:

- For participants - experience, knowledge, contribution to the community, reward, rating.
- For customers - the solution of their problem, insights about their specific data.
- For the platform - community development, increasing engagement, developing market models.

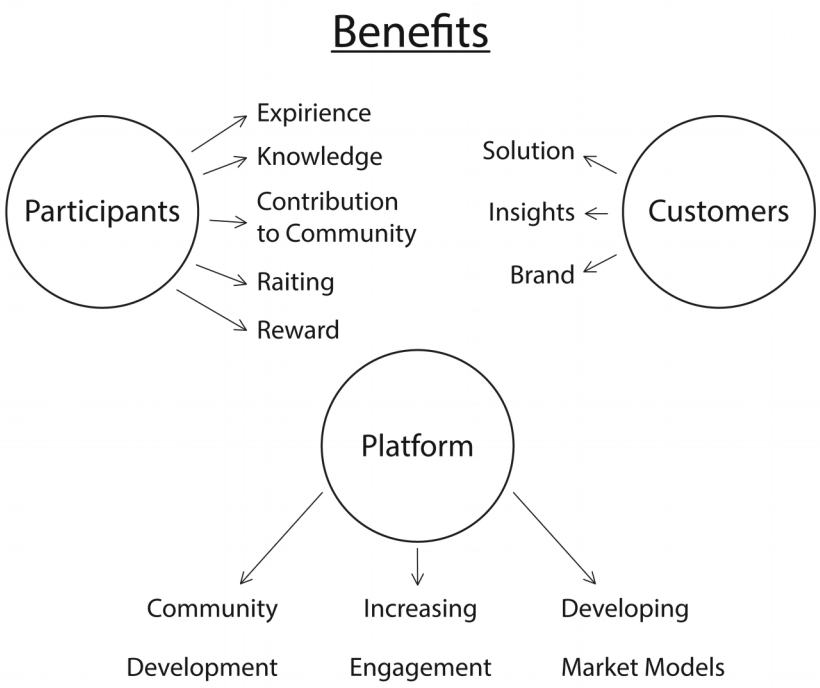


Fig.3 Benefits

3.4 Reputation system

The rating system (also reputational) is an important part of the Mindsync platform. This is one of the key components of the gamification process. In addition, the rating system is a tool for measuring the progress and achievements of a particular participant, and can be used to confirm his competence.

The rating consists of four main components:

I. The first component is competitive; it reflects success in solving problems by the Participant. Its value is determined by:

- a range of tasks in which the Participant participated
- position (s)he occupied in the standings
- level of competition in these tasks

II. The second component reflects the contribution to the Community and includes:

- disclosure of Participant's solutions and their description
- participation in discussions
- preparation of training materials
- interaction with customers and preparation of competitions

III. The third component is self-regulatory, which allows participants to redistribute some share of their own reputation points at their discretion. It is intended to give the Community a tool for expressing the recognition of individual participants where the rating formula is not flexible enough.

IV. Amount of MindsyncAI tokens on the Participant's wallet and a time of holding.

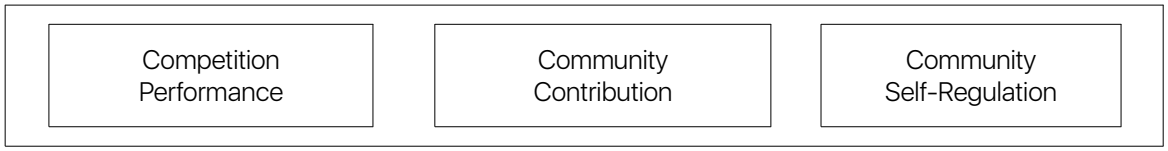


Fig.4 Components of rating reputation score

All three components are of interest both separately and in aggregate. On their basis, it will be possible to build a system of certification and grading of specialists for targeted attraction of people with the required level to projects.

The reputation system claims the right to be called an instrument for objective measurement of a person's success on the platform; therefore, it is important that it is transparent and reliable. This will be ensured by the use of blockchain technology that will eliminate the possibility of a fake or overstatement.

3.5 Platform use cases

The use of artificial intelligence and machine learning (ML) is occurring in a wide range of solutions and applications from ERP and manufacturing software to content management, collaboration, and user productivity. Artificial intelligence and machine learning are top of mind for most organizations today.

Investments in AI systems continue to be driven by a wide range of use cases. The three largest use cases – automated customer service agents, automated threat intelligence and prevention systems, and sales process recommendation and automation – will deliver 25% of all spending in 2019. The next six use cases will provide an additional 35% of overall spending this year. The use cases that will see the fastest spending growth over the 2018-2023 forecast period are automated human resources (43.3% CAGR) and pharmaceutical research and development.

Mindsync is a platform for a complete AI solution development cycle from problem statement to solution integration.

Competitions

Competitions can be viewed as an instrument for obtaining a solution of a problem, for accelerating research, and as a way to strengthen a brand. Large companies have long been holding competitions to solve machine learning problems. One of the most famous examples is Netflix which, in 2006, held a competition to develop an algorithm of the recommendation system with a prize of $1'000'000. In addition to competitions, it's possible to organize any other format of interaction with the community on the Mindsync platform.

Marketplace

Mindsync AI solutions marketplace is a source of ready-made AI solutions and building blocks to create more complex solutions. AI solutions marketplace is a convenient tool for typical tasks. Examples of such tasks are include:

- objects recognition
- face recognition
- time series prediction
- comment toxicity determination
- filling in the missing parts in a picture
- gender prediction by text

Such tasks is not tied to the specifics of a particular application and may be framed as reusable components.

Using a turnkey solution allows to get a high enough quality in a short time. And if there is a need to improve the quality of a specific application - it's possible to attract members of the Community.

Training ML-models

On the Mindsync platform it will be possible to run machine learning tasks using crowdsourced GPUs of miners. Developers will be able to run simultaneous training of several ML models (versions) or run distributed training algorithms using thousands of GPUs, as well as use AutoML.

Training and education

Developers and experts can gain new knowledge and use the platform to improve their skills. Young developers and scientists can hone their minds and take part in solving real problems. In this way, the Mindsync platform has a significant social impact.

Use cases by industries

Here are a few use cases for different industries:

Industry	Use cases
Sales and Marketing	• Automated customer service agent • Target and personalize and product recommendations • Revenue forecast • Predictions of customer outflows • Prediction of demand for the product and optimization of its price • Voice and text chat bots (24/7 customer service)
Finance	• Credit scoring • Formation of the investment portfolio • Fraud detection • Financial risk analysis • Forecast of exchange prices
Healthcare	• Disease classification (differential diagnosis) • Anomalies detection in ultrasound images • Predict a drug's effects and side effects • Automated, 24/7 concierge for healthcare • Genetic data interpretation and personalized medicine
Security	• Identify potential threats and nab offenders • Detect violent people in crowds • Evaluating the condition of the driver • Cyber threats detection • SPAM detection
Human Resources	• Applicant tracking & assessment • Attrition detection: segmentation of employees by probability of professional burnout • Manage employees performance • HR analytics services like voice of employee analysis
Logistics and manufacturing	• Detection of products with defects • Fault prediction and preventive maintenance • Demand forecasting and inventory management • Improving quality control and increasing production line capacity • Managing supply chain risk • Predicting ERP/ERM needs

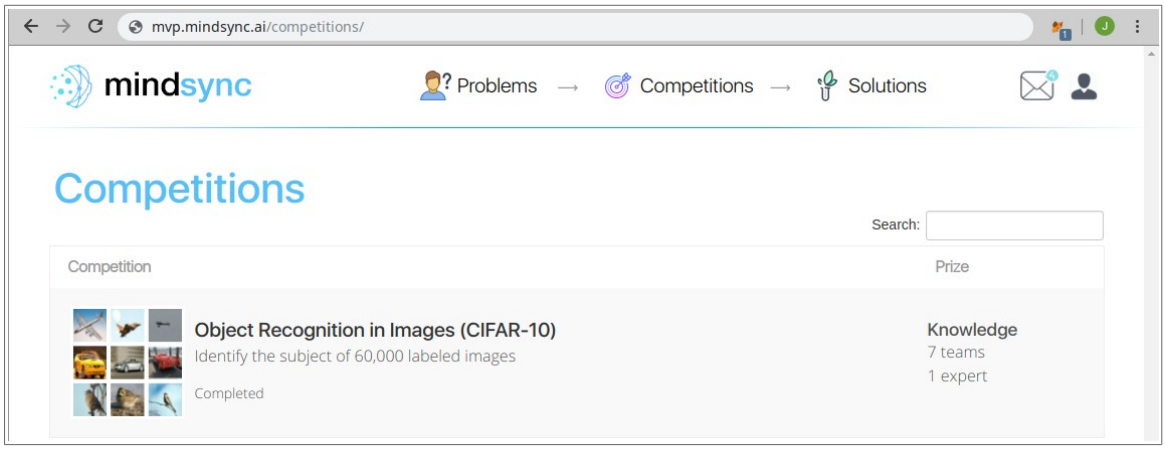
System architecture

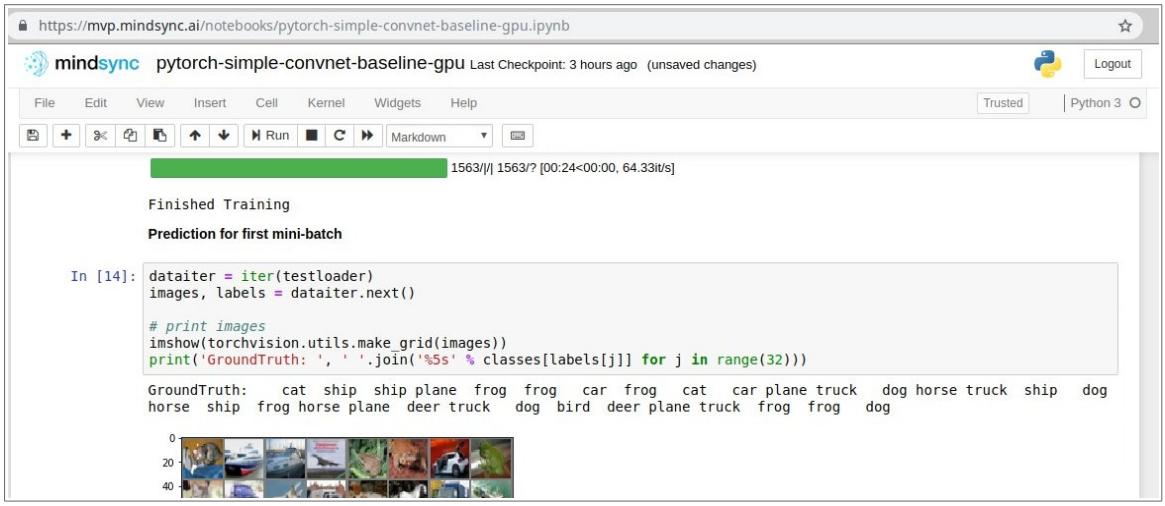
Mindsync at its core is a decentralized software/data marketplace and contest host for data science companies, data scientist and software engineers.

Mindsync will implement the platform using Ethereum on smart contracts. Ethereum smart contracts will be able to provide security, fault tolerance, real decentralization and host a community of developers which will develop tasks, contests and features on the platform. There will be off-chain services: IPFS and computation power providers for storing and testing data/solutions/models. Providers and IPFS nodes will communicate with users on the platform and will also have reputations and MAI tokens at stake. Basically Mindsync platform will use two-layer consensus (also third layer for results of each competition) with miners on first blockchain layer and proof of reputation on smart contracts. It will suffice platform goals of integrity, security, fairness, transparency and availability.

Platform components: The Mindsync platform consists of the Mindsync web application, web servers, backend servers, mining farms with Mindsync software running on them for mining and machine learning tasks, IPFS nodes and smart contracts on the Ethereum network.

Mindsync web application UI Preview (https://demo.mindsync.ai):





4.1 Solution

A solution may be public or private (in the case of a competition where the customer does not wish to publish or resell the solution). If the solution is public, it is placed in AI marketplace. The solution can be paid or free of charge. The paid solution can be bought with the source code or be rented and called through the API or run directly from the marketplace.

A solution consists of four basic parts:

1. Source code*
2. ML model
3. Docker image
4. Documentation

The code must be readable and reproducible; in other words if you have source data and code then you can get the same ML model.

The solution is placed in a docker container. This makes it possible to reuse the solution without having to repeat the data preparation and model training procedures.

4.2 Data storage

Data storage will be organized as a distributed data warehouse using Mindsync base network servers and crowdsourced storage resources. Each member of the platform can be a part of the Mindsync network and participate as an IPFS node.

All data on the platform is divided into two parts:

1. Tiny data, such as links to datasets and ML models, ratings, transactions, members info, etc. are stored in the Ethereum blockchain.

2. Public platform data, Datasets, ML-models are stored in IPFS.

Mindsync intellectual data storage coordinator will be developed to ensure high data availability and security.

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* In any programming language or its combination, if not specified by requirements

4.3 Blockchain

The Mindsync platform will be built on top of the Ethereum blockchain using smart contracts. The project will benefit from the inherent security and fault tolerance attributes of the Ethereum blockchain.

Blockchain technology allows for the recording of information in a safe and indelible manner permitting an easy and safe exchange between programmers and customers. The software code is hashed on the blockchain.

The Mindsync platform will have a two-layer consensus mechanism:

- Miners at layer one (1);
- Proof of reputation on smart contracts at layer two (2).

There will be several smart contracts types to implement all features of Mindsync:

1. For machine learning contests. Each platform user will be able to create smart contract using our templates with problem description and links for training data/other resources (here the user accepts public risks that the data which he provides is secure). He also creates competition rules and duration of contest. He pays fees depending on how long this contest will take and pledges prizes. Prizes will be given to the top score experts/developers after contest is concluded. User can provide his list of experts/IPFS nodes/computation power providers or create a pool so that platform users can choose them for best fairness and services. Client then pays providers a small fee in MAI tokens after competition starts. During the competition, participants send their solutions to IPFS nodes, experts and computation power providers using Mindsync API services. Providers then commit results as links for each user solution, calculate score and hash of solution data so that it meets platform security needs and protects participants from fraud. API services will provide current leaderboard with access of smart contracts based on current user scores. At the end of the competition, experts will test participants' solutions with full competition data and publish final results.

2. Mindsync platform contract. It will have users' reputation data, which can be upvoted or downvoted using upvote, downvote methods. It is needed for integrity, preventing and punishing fraud, and to create a fair system that will choose best experts that will test solutions, reach a consensus and arrive at fair results. Everyone's vote is scaled by their reputation. There will be list of experts, computation power providers, IPFS nodes that can be used during contests. Each user can become expert, provider, node, if his reputation rating is high enough (e.g. one of ~100 first best ratings).

3. MAI token contract which will store platform users balances and where MAI tokens will go as competition prizes or fees for experts/providers services.

4.4 Mining

Mindsync offers a unique combination of Ethereum and AI mining

More than 4 million graphics cards are used in Ethereum mining[10]. Mindsync offers Ethereum mining with automatic switching to AI mining that more than five times profitable. Mindsync will offer miners and other platform participants a special application "Mindsync Miner" (modified Ethminer) to enable Ethereum mining and run computational tasks on demand.

Mindsync Miner can be installed on a 24/7 mining farm or on a desktop computer, where it will be active when idle.

The Mindsync Miner will mine Ethereum (ETH) by default and automatically switch to more profitable computing tasks as soon as they are available.

Miner's fee

Miners will be paid in ETH for Ethereum mining if the application is configured on the Mindsync Mining Pool. Mindsync will charge a 2% fee for Ethereum Mining. Part of this commission will be used to buy and burn MindsyncAI tokens in accordance with the Mindsync token burning program. Mindsync reserves the right to reduce or increase this fee.

Mindsync will pay a reward in MindsyncAI tokens to miners for performing computational tasks. Reward will be paid off for the GPU usage time.

The miner's reward will be calculated as:

$$r = P_{GPU} * G * R * k$$

Where P_{GPU} is a Ethereum mining profitability for GPU (If Ethereum migrates to PoS and optes out of mining, the Pgpu base rate will be calculated on the basis of the profitability of the GPU in mining of the other cryptocurrency where PoW is required.), R is a current Mindsync reward multiplier ($R = 5$ by default; this value can be changed during the fine tuning of the platform and the GPU market), G is a "gas" price ($G \geqslant 1$, this value can be increased by user to get a higher priority), k is a personal multiplier based on the amount of tokens stored by miner on a platform's smart-contract and miner's reputation score. The k calculation algorithm will be published on the platform's website.

Benefit from resource sharing

Mining allows any platform member who wants to use the platform resources not to buy MindsyncAI tokens and Ethereum ETH to pay for transactions. But accumulate Ethereum and MindsyncAI tokens for their own use by sharing idle computing resources with other members. A common problem with the

first launch of an Ethereum-based application (such as the need to purchase both Ethereum ETH and project tokens) can be solved by providing computing resources to other members for lease. This feature allows even students who have a home computer with a video card of sufficient power for the platform or extra disk space and a good Internet connection to use the Mindsync platform without money. During the computer idle time, a new member of the platform can get enough MindsyncAI tokens and Ethereum ETH to run applications on hundreds or even thousands of CPU/GPU, to pay the rent of solutions in the marketplace and the commission of the Ethereum network.

Proof-of-Importance, PoI

Mindsync will use Proof-of-Importance (PoI) as a consensus algorithm for AI mining. Miner that will perform the computation transaction will be selected by Importance value. The Importance is the "trust score" and is calculated based on locked account balance and a quality of service.

Win-win

Mindsync turns Ethereum mining into not only a profitable activity, but also a useful one for business and society. Mining farms are becoming available for computational tasks. At the same time, Mindsync also engages ML/DS developers' computing resources in mining and supporting the Mindsync platform and Ethereum network. It's a win-win situation for all the participants.

4.5 Distributed computing

Distributed computing is one of the great platform features that distinguishes Mindsync from its competitors. Developers can access thousands of GPUs and other resources simultaneously. This is made possible by the ability to rent any number of GPUs and other resources provided by the miners. The time of lease of these resources is limited only by the balance of the user's wallet. User chooses the servers with the necessary parameters, sets the time of lease or specifies which script to execute and the maximum execution time. Mindsync calculates the maximum rental price. This amount will be locked by smart-contract from the user's funds on the platform. The settlement will be made when the resource is released by the user or timeout is reached. Payment to resource providers will be delayed to protect users from poor-quality resource providers. In case of poor quality of services provided by the resource provider, Mindsync will downgrade the resource provider's rating.

The cost of resources will depend on the workload of the network. The user may set a higher rental price from the current value in order to obtain priority in the resources allocation. The algorithm of resource price management is similar to the algorithm of gas price setting in the Ethereum network.

Mindsync provides developers with a set of libraries to exchange messages between processes/servers, as well as the ability to use a distributed file system (IPFS) to host datasets, computing results, etc. It is proposed to use the Ethereum Whisper protocol as the basic message protocol to exchange between computation nodes.

4.6 Scalability

Business scalability

The Mindsync platform is highly scalable because it uses crowdsourcing human and computational resources. Such uberisation[4] of the business allow for scalability.

Blockchain scalability

It is important to highlight that the Mindsync platform is not immune to scalability limitations of the underlying Ethereum blockchain. Therefore, the Mindsync team does not exclude the development of a POS-based proprietary blockchain or migration to EOS or other leading blockchain.

In the short-medium term, the project plans to address both platform and computing network scalability issues through implementing:

Off-chain data storage

Only metadata (that is links to datasets, ML models, ratings, transactions and members' information) will be stored within the blockchain while data sets, ML models and solutions will be stored off-chain (IPFS);

Computational resources

To provide computing resources, Mindsync will engage Ethereum miners, offering them more cost-effective mining with additional revenue during machine learning computation, which is several times higher than the revenue from Ethereum mining (see section 4.4).

Partnership

Mindsync will also utilize the resources of super computational providers such as SONM (Supercomputer Organized by Network of Miners), Storj etc. to address computing network scalability issues. Mindsync has established partnership with some of these computational power providers.

4.7 Validation

Mindsync provides a system for guaranteeing the reliability of datasets, solutions, rating information and other platform data by calculating and storing their hash sums in the Ethereum blockchain. At any time, anyone can check this data and prove the integrity and timestamp of platform entity without depending on a trusted third-party. Hence, there is no need to trust any authority or middlemen.

4.8 Privacy protection

Paid resources

Paid datasets and ML-models in the marketplace are protected by encryption with an asymmetric key. The public key and hash value is stored in the blockchain for verification. A unique private key for each object in the market is transferred to the buyer after the payment is made.

Private data

Unlike traditional data analytics platforms where personal data is transferred from owners to developers or a centralized processing unit, the Mindsync platform makes it easy to transfer machine learning algorithms directly to data owners' devices using containerization technology, without the need to retrieve personal data or store information elsewhere for processing. As a result, individual private data will be well protected without leaking raw data from individual devices.

4.9 Private services

Mindsync AI solutions can be run on either the Mindsync platform or be deployed to the customer's servers or private cloud. Mindsync platform will contain components for rapid deployment of ready-made solutions on the customer side.

The customer can limit the number of people or teams that will deal with the problem. Flexible privacy settings on the Mindsync platform will allow to work on both open public projects and private projects with private data and a limited number of involved persons.

4.10 Technologies


Token model

Name:	MindsyncAI
Symbol:	MAI
Blockchain:	Ethereum
Type:	ERC-20
Total Supply:	150,000,000 MAI*
Smart-contract:	0x75387e1287dd85482ab66102da9f6577e027f609

5.1 Token flow & usage

MindsyncAI token is designed to access AI solutions and to reward participants such as machine learning developers, experts, volunteers and researchers, computing power and big data providers. MindsyncAI token is a ERC-20 utility token. The number of tokens is limited. MindsyncAI token is set to run on decentralized blockchain technology, ensuring transparency and security of all financial transactions.

Gamification

Using MindsyncAI tokens, platform members will be able to purchase additional features on the platform by transferring and holding tokens on the platform's smart-contract for a certain minimum period of time. For example: to improve the personal rating component, to get the right to vote, to receive discounts on the platform services and to receive more commission from AI mining. Available features, their value and the period of time during which tokens will need to be held on the platform's smart contract will be published on the Mindsync website before or after the platform launch or in the updated version of the whitepaper. Such gamification on the platform will encourage token owners to keep tokens on the smart-contract, which will stimulate demand and reduce the token Circulation Supply. This will have a positive impact on the economics of the project and the token exchange rate.

Token burn

Token burning[11] is the process of permanently removing tokens from circulation, reducing the total supply. Mindsync will burn MAI tokens on a regular basis, depending on the amount of commissions received, until the Total Supply is halved. For more information please refer to section 5.5.

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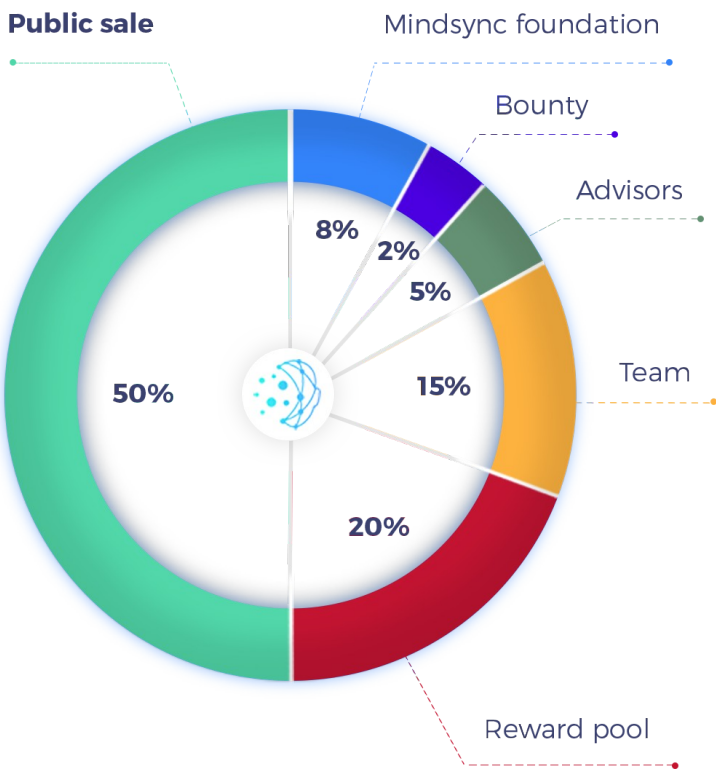
* No more tokens can be minted after a token generation event.

5.2 Allocation



Public sale: 75,000,000 MAI

Total number of tokens available for public.

Team*: 22,500,000 MAI

These tokens will be used to reward the team and stimulate development.

Advisors*: 7,500,000 MAI

These tokens will be used to reward the project advisors.

Mindsync foundation*: 12,000,000 MAI

The Mindsync Foundation will be used for future platform development.

Reward pool*: 30,000,000 MAI

This funds will be used to reward miners and Mindsync contests participants to add value to the project.

Bounty*: 3,000,000 MAI

These tokens will be distributed among the participants of the bounty program.

* All these tokens are locked by the smart contract and will be unlocked gradually according to the vesting schedule (see section 5.4).

5.3 Reward pool

This fund will be spent on increasing the value of the platform. A part of the reward pool will be used to form prize funds for competitions held by the Mindsync community (that result in either new platform members and/or creating a new ready-made solution for Mindsync marketplace), to develop the platform community and to maintain interest in it at an early stage. The second part will be used to pay miner's resources used by Mindsync platform itself to support a minimal free configuration (1 GPU) for developers and run ready-made solutions.

The decision to allocate funds to the prize fund is made by the selected management by voting. Mindsync will decide on the allocation of this fund at an early stage of the platform development. As the platform matures, voting will be conducted through a smart contract. Platform member can gain voting right by holding tokens for a certain period of time on the platform's smart contract. This fund is protected by a smart contract.

5.4 Token vesting plan

What Is Vesting?

It's a certain amount of tokens that are held aside for some period of time for the team, partners, advisors, and others who are contributing to the development of the project. Smart contracts usually lock a certain amount of funds until contract conditions are met. For example, startups that use the blockchain technology can lock a certain amount of tokens: the team can reserve 15% of coins, for instance, which will be gradually released once a quarter during the project process for financial purposes. In general terms, the process of releasing these coins is called *vesting*. Vesting is usually used to show that the team is highly interested in the project, and will continue working on project development. Additionally, vesting lowers market price manipulations.

Mindsync token vesting schedule

Team & Advisors tokens are locked by smart contract in order to ensure our contributors that we have the best intention and maintain a long-term vision for the project. These tokens are secured via smart contract and will be paid out to Mindsync team biannually and starting from August 01, 2021. Advisors tokens will be unlocked quarterly starting from August 01, 2021.

Bounty & airdrop tokens will be distributed and locked by smart-contract for one year using reducible freezing algorithm and will be released gradually at least one month after the MindsyncAI token listing on a exchange. The unlock percentage of tokens will be determined by Mindsync based on the exchange rate of the MindsyncAI token. Bounty and airdrop tokens will not be released until the market price of MAI exceeds 0.3 USDT.

Mindsync Foundation tokens will be locked for one year on a Mindsync Foundation smart-contract.
Reward Fund tokens will be locked for 2 years and will be released monthly starting from January, 2021.

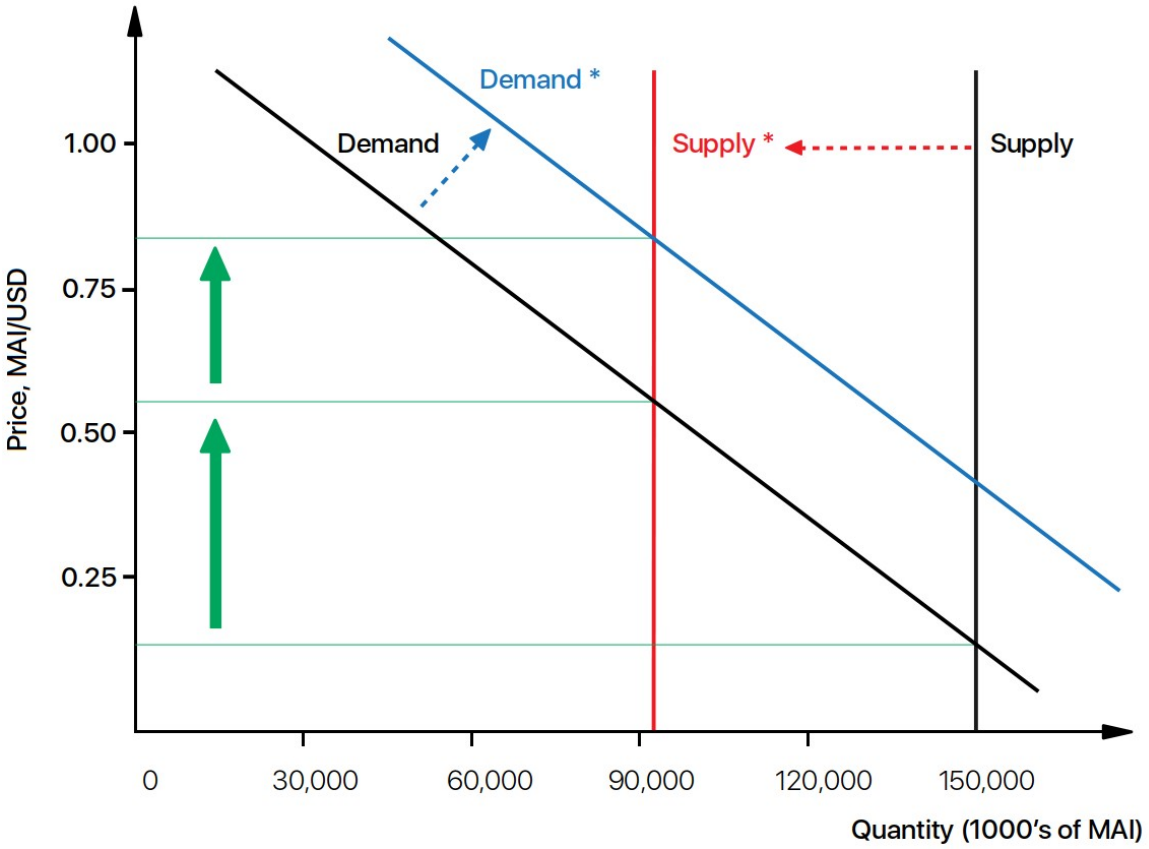
5.5 Token economic & deflation

The burn[11]

Mindsync will burn MAI tokens on a regular basis, depending on the amount of commissions received, until the Total Supply is halved. Mindsync will destroy 75,000,000 MAI, leaving 75,000,000 MAI remaining. Mindsync plans to use up to 100% of the commission from Ethereum Mining for the redemption and burning of tokens. All these operations will be visible on the blockchain.

Demand

Mindsync will provide platform members with service improvements, additional discounts and rating based on the number of tokens vested on the platform's smart contract. In addition to the natural increase in demand for MindsyncAI tokens as a result of the platform's services, platform members will need tokens to increase their personal base rating, receive discounts on services, take part in competitions the prize fund of which is determined by the contribution of each participant, take part in voting and other platform benefits.



* Chart and graphic are used for illustrative purposes only and do not reflect any future event or future value or performance of any investment.

Miners will increase demand and significantly reduce Circulation Supply. Mindsync will be very attractive for miners, as they will be able to receive additional revenue from AI mining without refusing Ethereum mining. Proof-of-importance (PoI) will be used as the consensus algorithm for AI mining. MindsyncAI tokens will be needed for miners to get higher ratings for their equipment and increase mining profitability. Miners will benefit from buying tokens on the exchange at the time of joining the platform, as well as keeping the mined tokens ion the platform smart-contract in order to maximize their profits from mining and reduce mining pool commissions. There are tens of thousands of Ethereum miners and more than million mining rigs in the world. For example, if miner will require 700 MAI ($50, the exact value will be adjusted at the configuration of the platform) to maximize profit for a server (mining rig), the migration of 1% of these servers on the Mindsync platform will hold up to 7'000'000 MAI on platform's smart-contract. In fact, these tokens will be removed from Circulation Supply. Mindsync plans to attract at least 15% of Ethereum miners. With the imminent migration of the Ethereum network from the PoW algorithm to the PoS algorithm and a steady global increase in demand for computing resources, the Mindsync platform could become a major source of revenue for Ethereum miners.

Token velocity

What is Token velocity? Velocity is the rate at which a currency is spent. The more a token changes hands, by being spent or exchanged, the higher its velocity. In conventional monetary economics, this leads to an decrease in the price of goods and services, otherwise known as inflation. In token economics, this leads to an decrease in the token price.

Mindsync's incentives to hold tokens in hands to reduce token velocity:

- For the participant of the platform, long-term retention of tokens on the smart contract of the platform increases the reputation of the participant, gives discounts on the use of resources, increases the quality of resources provided free of charge, gives the right to vote.

- For miners, keeping tokens from selling increases the profitability of mining by several times.

The number and time of tokens retention on the platform smart-contract determines the basic rating of any community member (expert, developer, miner, customer).

Thus, Mindsync involves platform participants in token accumulation, which will significantly reduce token velocity and will have a positive impact on the token value.

5.6 Funds usage

Mindsync intends to allocate the funds raise from the ICO in the following manner:

- **Project development** : More than 50% of the total raised amount will be invested into the development of the Mindsync platform. A robust, efficient, reliable and secured platform is paramount to the success of the project.

- **Marketing and Public Relations** : Quick market penetration will result in rapid growth in the scale of transaction conducted on the platform and thus demand for the MAI tokens which will lead to a sustainable growth in token value.

- **Business Development** : Successful implementation of the Mindsync project will require seamless participation and collaboration of multiple parties – developers/experts, computer power providers, data set providers, etc. Therefore, investing into building and nurturing partnerships with these parties will be of great important.

- **Research** : Continues improving of the Mindsync platform will help keep the project ahead of competition.

- **Reserves**: 9% will be kept in reserve to cope with any emergency or unexpected situation that might come up.

Revenue model

Mindsync's revenue will come from the following sources:

Source	Description
Competition prize pool fee	Mindsync will initially charge customer for successful AI solution a fee of 25% (of prize pool). This fee may vary depending on the market.
Mining fee	Mindsync will initially charge a 2% fee for mining. This commission can be reduced if the demand for computing resources decreases, or increased in the opposite case.
Marketplace fee	Mindsync may charge 0.5% per transaction on a marketplace such as API call or the sale of the solution.
Other fees	Mindsync can also charge other fees for various services, acting in any role as a member of the platform such as AI solution developer etc.

Roadmap

Date	Feature / milestone	Done
Aug 2018	Company registration	✔
Oct 2018	Website, Token sale's dashboard	✔
Dec 2018	Whitepaper draft	✔
Dec 2018	Presale	✔
Mar 2019 – Mar 2021	**Public sale**	✔
Oct 2019	Whitepaper (extended)	✔
Nov 2019	Problem statement	✔
Nov 2019	Proof-of-Concept	✔
Jan 2020	MVP	✔
Jun 2020	IPFS storage	✔
Mar 2021	Kernels (python)	✔
Apr-May 2021	**Listing on major exchanges**	✔
July 2021	Mining (beta)	✔
Aug 2021	Experts	✔
Aug 2021	Mining	✔
Sep 2021	Competitions	✔
Oct 2021	API	✔
Nov 2021	Intellectual coordinator service	✔
Dec 2021	Marketplace	✔
Dec 2021	Mindsync Platform Release	✔

Legal info

General Information

The MAI (MindsyncAI) token does not have the legal qualification of a security, since it does not give any rights to dividends or interests. The sale of MindsyncAI tokens is final and non-refundable. MindsyncAI tokens are not shares and do not give any right to participate to the general meeting of [Mindsync Ltd]. MindsyncAI tokens cannot have a performance or a particular value outside the Mindsync platform. MindsyncAI tokens shall therefore not be used or purchased for speculative or investment purposes. The purchaser of MindsyncAI tokens is aware that national securities laws, which ensure that investors are sold investments that include all the proper disclosures and are subject to regulatory scrutiny for the investors' protection, are not applicable. Anyone purchasing MindsyncAI tokens expressly acknowledges and represents that she/he has carefully reviewed this whitepaper and fully understands the risks, costs and benefits associated with the purchase of MindsyncAI tokens.

Knowledge required

The purchaser of MindsyncAI tokens undertakes that she/he understands and has significant experience of cryptocurrencies, blockchain systems and services, and that she/he fully understands the risks associated with the crowdsale as well as the mechanism related to the use of cryptocurrencies (incl. storage). [Mindsync Ltd] shall not be responsible for any loss of MindsyncAI tokens or situations making it impossible to access MindsyncAI tokens, which may result from any actions or omissions of the user or any person undertaking to acquire MindsyncAI tokens, as well as in case of hacker attacks.

Acquiring MindsyncAI tokens and storing them involves various risks, in particular the risk that [Mindsync Ltd] may not be able to launch its operations and develop its blockchain and provide the services promised. Therefore, and prior to acquiring MindsyncAI tokens, any user should carefully consider the risks, costs and benefits of acquiring MindsyncAI tokens in the context of the crowdsale and, if necessary, obtain any independent professional advice in this regard.

Any interested person who is not in the position to accept or to understand the risks associated with the activity (including the risks related to the non-development of the Mindsync platform) or any other risks as indicated in the Terms & Conditions of the crowdsale should not acquire MindsyncAI tokens.

Important disclaimer

This white paper shall not and cannot be considered as an invitation to enter into an investment. It does not constitute or relate in any way nor should it be considered as an offering of securities in any jurisdiction. This white paper does not include or contain any information or indication that might be considered as a recommendation or that might be used as a basis for any investment decision. MindsyncAI tokens are just utility tokens which can be used only on the Mindsync platform and are not

intended to be used as an investment. The offering of MindsyncAI tokens on a trading platform is done in order to allow the use of the Mindsync platform and not for speculative purposes. The offering of MindsyncAI tokens on a trading platform does not change the legal qualification of the tokens, which remain a simple means for the use of the Mindsync platform and are not a security. [Mindsync Ltd] is not to be considered as an advisor in any legal, tax or financial matters. Any information in the white paper is provided for general information purposes only and [Mindsync Ltd] does not provide any warranty as to the accuracy and completeness of this information. [Mindsync Ltd] is not a financial intermediary and is not required to obtain any authorization for Anti Money Laundering purposes.

Acquiring MindsyncAI tokens shall not grant any right or influence over [Mindsync Ltd]'s organization and governance to the Purchasers.

Regulatory authorities are carefully scrutinizing businesses and operations associated to cryptocurrencies in the world. In that respect, regulatory measures, investigations or actions may impact [Mindsync Ltd]'s business and even limit or prevent it from developing its operations in the future. Any person undertaking to acquire MindsyncAI tokens must be aware of the Mindsync business model, the whitepaper or terms and conditions may change or need to be modified because of new regulatory and compliance requirements from any applicable laws in any jurisdictions. In such a case, purchasers and anyone undertaking to acquire MindsyncAI tokens acknowledge and understand that neither [Mindsync Ltd] nor any of its affiliates shall be held liable for any direct or indirect loss or damage caused by such changes.

[Mindsync Ltd] will do its utmost to launch its operations and develop the Mindsync platform. Anyone undertaking to acquire MindsyncAI tokens acknowledges and understands that [Mindsync Ltd] does not provide any guarantee that it will manage to achieve it. They acknowledge and understand therefore that [Mindsync Ltd] (including its bodies and employees) assumes no liability or responsibility for any loss or damage that would result from or relate to the incapacity to use MindsyncAI tokens, except in case of intentional misconduct or gross negligence.

Representation and warranties

By participating in the Crowdsale, the purchaser agrees to the above and in particular, they represent and warrant that they:

- have read carefully the terms and conditions attached to the white paper; agree to their full contents and accept to be legally bound by them;
- are authorized and have full power to purchase MindsyncAI tokens according to the laws that apply in their jurisdiction of domicile;
- live in a jurisdiction which allows [Mindsync Ltd] to sell MindsyncAI tokens through a Crowdsale without requiring any local authorization;

- are familiar with all related regulations in the specific jurisdiction in which they are based and that purchasing cryptographic tokens in that jurisdiction is not prohibited, restricted or subject to additional conditions of any kind;
- will not use the Crowdsale for any illegal activity, including but not limited to money laundering and the financing of terrorism;
- have sufficient knowledge about the nature of the cryptographic tokens and have significant experience with, and functional understanding of, the usage and intricacies of dealing with cryptographic tokens and currencies and blockchain-based systems and services;
- purchase MindsyncAI tokens because they wish to have access to the Mindsync platform;
- are not purchasing MindsyncAI tokens for the purpose of speculative investment or usage.

No representation, warranty or undertaking, express or implied, is made as to, and no reliance should be placed on, the fairness, accuracy, completeness or correctness of the information or the opinions contained in the whitepaper.

Further Important Notices

This whitepaper is published with the intent to demonstrate the market needs, alignment to vision and to support growing trends within the logistics and freight industry.

The leadership team, in conjunction with its partners, do not propose that the material presented in this draft article contains all the needed information for a complete solution nor does it state that all details are listed as part of a complete solution.

This document is in draft form and has not been independently verified. It has been prepared in good faith, with the intent of alignment in solving global process, technical, and industry issues and to open the idea for continued collaboration and discussion with existing or new partners.

MindsyncAI token is a utility token. This product is not a digital currency, security, commodity, or any other kind of financial instrument and has not been registered under the Securities Act, the securities laws of any state of the United States or the securities laws of any other country, including the securities laws of any jurisdiction in which a potential token holder is a resident.

MindsyncAI token cannot be used for any purposes other than those provided in the whitepaper, including but not limited to, any investment, speculative or other financial purposes. MindsyncAI token is not intended for sale or use in any jurisdiction where sale or use of digital tokens may be prohibited.

MindsyncAI token confers no other rights in any form, including but not limited to any ownership, distribution (including but not limited to profit), redemption, liquidation, proprietary (including all forms of intellectual property), or other financial or legal rights, other than those specifically described in the

whitepaper. Certain statements, estimates and financial information contained in this whitepaper constitute forward-looking statements or information. Such forward-looking statements or information involve known and unknown risks and uncertainties, which may cause actual events or results to differ materially from the estimates or the results implied or expressed in such forward-looking statements. whitepaper can be modified to provide more detailed information, for correction purposes and continued refinement.

Governing law – Arbitration

The Client acknowledges and accepts that the Mindsync Crowdsale operation is taking place within a UK legal environment that is still under development. The Parties agree to seek an amicable settlement prior to bringing any legal action. Any dispute or controversy arising from or under the crowdsale shall be resolved by arbitration in accordance with the London Court of International Arbitration Rules in force on the date when the Notice of Arbitration is submitted in accordance with these Rules. The arbitration panel shall consist of one arbitrator only. The seat of the arbitration shall be London, England. The arbitral proceedings shall be conducted in English.

Conclusion

With the world poised to embrace AI technologies fully, the time is ripe for disruption in the market. Mindsync is at the forefront of creating this disruption in the status quo with its intuitive and robust platform that brings the best talent in the field within a single ecosystem. By assuring low costs and enhanced security, it seeks to be the go-to platform for all things AI.

Projects links

Website	https://mindsync.ai Demo: https://demo.mindsync.ai
Email	info@mindsync.ai
Project video	https://www.youtube.com/watch?v=JhhxTa9efH8
Telegram group	https://t.me/mindsyncai
Facebook	https://fb.me/mindsync.ai.official
Twitter	https://twitter.com/mind_sync
GitHub	https://github.com/mindsync-ai

mindsync

Thank you for reading

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