Infomatix

Whitepaper

Infomatix democratises the world's financial data and makes it accessible to all

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Content

Background

The Internet has revolutionized the way we access and exchange information. Once the data acquires the digital form, it can be copied and shared almost effortlessly, and what once had been a privilege to know, now progressively enters the public domain.

However, two rather opposite trends emerge which both, in its own way, hamper the free flow of knowledge: centralization of data within the few so-called ‘walled gardens’, and, at the same time, fragmentation and disarray of the said data in the publicly available sources. There is a good chance that anything you would like to know has already been shared online, or at least there is a person who can give you the answer, but you have no way of connecting with them easily.

Search engines have in part offered a solution to this problem, and yet not only do they possess a great deal of control over which information to show first, further exacerbating the centralization problem, they also have limited capabilities in linking you to the primary sources of information, that is, the people who produced it.

While some data can be obtained from the specialized financial providers, they supply only the part of a much larger array which covers the stock and commodity markets, foreign exchange and cryptocurrency platforms, leaving out the multitude of other assets.

Another issue lies in the centralization of data in the hands of the few well-established institutions: whether it’s the big publishers in the field of scientific research or the banks, commercial trusts and hedge funds in the financial sector, the major players always have the advantage of holding on to exclusive information, making it too expensive at best, or at worst completely denying the access to it for the common people.

The outcome of any financial action depends heavily not just on the actual decisions made, but to a much greater extent on the quality and timeliness of the data on which those decisions were based. Whether you are buying a limited edition pair of shoes, or managing a collection of antiques, or planning to make a major capital investment, in every deal there is always a degree of risk and potential losses to be minimized, and that is precisely what this project aims to deliver to its user.

Problem statement

These conditions dictated by the asymmetrical access to information make it extremely difficult for the smaller actors, like retail investors or private collectors, to get the information crucial for their operation in the ever-competitive environment.

At the same time, professionals in various fields, from retail to finance, to science, often have limited opportunities of sharing their knowledge and capitalizing on the data they generate — the only way they can earn from it is by working with the established institutions, which only compounds to the problem of inaccessibility of the information.

A second layer to this information-centered problem emerges at the stage of the initial planning of an investment or preparation of a deal. Since every deal involves at least two sides, investigating and meticulously assessing all the information regarding the counterparty is paramount.

It is a customary practice to perform a due diligence research in order to identify the risks and come up with appropriate risk management techniques. While this procedure has a long history in the US and most Western countries, conducting such checks across different countries can often be problematic due to legislative and organizational differences, as well as the lack of necessary communication channels and standards.

To put it shortly, while there is a significant scarcity of various kinds of financial information due to communication inefficiencies and restricted access, the expert knowledge, which can satisfy the demand for this information, can simultaneously be rather difficult to monetize and share in an efficient way.

The ecosystem of community-driven services for querying, supplying and validating a diverse range of primarily financial, but also legal or fiscal information introduced in the present paper is set to create a universally accessible solution for reconciling this discrepancy.

Solution

The aim of Infomatix is to liberate information from the grips of institutions and put it in the hands of individuals. The key problem that we are trying to solve is that retail investors do not have access to the same information and tools as institutions and are therefore at a disadvantage.

Infomatix is going to provide a solution for matching the demand for the price data with the supply of expert knowledge within the single ecosystem, eliminating communication inefficiencies and allowing professionals to monetize the exclusive information they possess.

Through crowdsourcing the price data from the community by incentivizing the users to supply it and validate it in exchange for the platform's indigenous tokens (INFO). At the same time, allowing any user to submit a request for any price data they want determines which particular kind of data is currently in demand.

To ensure the quality, relevance and validity of the data gathered by Infomatix, a system of checks and balances is put in place that allows the participants to rate each other's contributions and open disputes if they suspect any actor of detrimental behaviour with malicious intent. A team of platform administrators will review and settle disputes, resulting in removal of unreliable data.

Infomatix platform can provide value to users in many areas including, but not limited to:

- Private collectors
- Retail investors
- Professional appraisers
- Economists and scientists willing to share their data
- Enthusiasts who keep logs of publicly available data

In general, the Infomatix ecosystem allows any person planning to buy or sell a non-publicly-traded asset to obtain the necessary price and background information by connecting with a wide array of professionals who possess the required knowledge and have the legal right to disclose the data concerning their areas of expertise.

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Infomatix platform

There are two types of data which can be requested to be added to the platform:

- Time-dependent price data
- Due diligence reports

At the launch of the platform, only the price data requests will be made available at first. A specification for the price data requests is given in the ‘Price data requests’ section, and the following sections of this paper will cover the request processing pipeline and the system for rating and rewarding the contributors, which are mostly identical for both price data and due diligence requests, unless explicitly mentioned otherwise. The essentials of the idea for requesting due diligence reports will be discussed in the ‘Due diligence request’ section of this paper, and more details on it will be added later towards the launch of the due diligence crowdsourcing feature.

Users can access both the financial data and the due diligence reports collected by Infomatix through the Nosis.io data visualization platform, which is completely free to use.

Visualizing data using Nosis.io does not require authorization, however the user can sign up to be able to save their portfolio configuration and customize their dashboard.

Infomatix data API key can be obtained by filling out a corresponding form on the Infomatix.io website, however the platform admins reserve the right to deny API access to any user.

If the user wants to request the data which is not currently available on the Infomatix platform, they need to register to receive the Requester status.

Registered users can apply for Responder or Verifier status by providing their personal details, credentials and proofs of competency to be reviewed by the platform admins. Responders and Verifiers are assigned by the admins to certain categories related to their area of expertise in which they are able to contribute.

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Users acquire Responder and Verifier status for price data provision or due diligence reports separately, meaning that being assigned to respond or verify the price data in a certain category does not automatically allow the user to submit or verify the due diligence reports, requiring additional approval from the admins to do so.

Price data requests

Requesters can submit requests for either a single value or a dataset pertaining to one of the following categories:

- Collectibles
- Real estate
- Sneakers
- Collectible cards
- Art
- Vehicles
- Antiques
- Jewellery
- Intellectual property rights
- Books
- Other

If Requester selects ‘Other’, they must propose a custom category, which will be assessed by the Admins and may be further added to the list of existing categories permanently. All requests in the ‘Other’ category or requesting datasets larger than a certain predefined size will be subject to screening and manual approval by the Admins.

Requesters will be able to see the history of their requests and the corresponding responses, and to rate the responses or open disputes if they deem the provided data completely invalid.

The platform allows placing requests for any price data for non-publicly-traded assets. Single time-stamped data point or time-series data set can be requested. All data must be provided, stored and delivered in a standard platform-wide format (CSV).
Units of measurement (currency) must be specified for all data. Data timestamps must be of one of the predefined standards (ISO 8601, Unix time).

Responsibility of submitting valid response data will be given to Responders. In the initial project stage, all response data will be uploaded as a CSV with predefined rows. Responders must refer to a set of guidelines for formatting data. In the initial stage, we will not parse or automatically validate submitted data format.

Due diligence requests

The Infomatix platform will extend its primary use case of sourcing and verifying on-demand data, to include on-demand due diligence for traditional, digital and decentralised business models. This evolution empowers the Infomatix community to help make the world of investing better for everyone.

Investors and businesses alike are mutually interested in maximum transparency in their relationship: investors would like to mitigate the risks and losses, and businesses are motivated to increase the level of trust towards them.

Having designed the mechanism and gathered the community for sourcing and verifying large volumes of various financial data, the Infomatix platform maintains the uniquely powerful yet versatile infrastructure, upon which more data-centered services can be built, such as the due diligence crowdsourcing feature, which can benefit both sides of a business deal.

Business owners interested in strengthening their reputation can use this service as a way of requesting an independent external audit. Any possible conflict of interests is excluded due to the Requester not being able to influence the Responder and the Responder not knowing who submitted the request. Additionally, because the resulting audit report can be compiled from multiple sources and verified independently, the single point of failure is eliminated, decreasing the likelihood of any biases or misinformation.

On the other side of the deal, investors or stakeholders can likewise request a background check on their counterparty with a strong degree of confidence that they will receive the most comprehensive, thorough and up-to-date due diligence report thanks to the reasons stated above.

Regardless of which side acts as the Requester, they must complete a request form, containing the unambiguous designation of the business entity to conduct the due diligence check on:

- Type of economic activity (business area)
- Full name of the entity
- Ownership structure
- Contacts, website
- Country of registration and postal address
- Registration number

On the other side of the deal, investors or stakeholders can likewise request a background check on their counterparty with a strong degree of confidence that they will receive the most comprehensive, thorough and up-to-date due diligence report thanks to the reasons stated above.

If the request fails to receive a valid response or the response is considered invalid in the result of a dispute, as will be described in more details in the ‘Reputation system and validity disputes’ section, the tokens paid for the request are returned with the deduction of the platform fee and the blockchain transaction fees.

Further processing of the request occurs analogously to the price data request-response flow specified in the subsequent sections of this paper, including the requirements to provide citing and comply with the platform standards, the verification stage and the mechanism for rating and disputing the responses.

The key difference between the two types of requests lies in the possibility of separate criteria or points of the due diligence check being sourced and verified by different Responders and Verifiers. From the technical standpoint, this scenario is handled as if the single request is split into separate tickets resolved by different users, and then compiled back into a single report to be presented to the Requester. Due rewards are

then divided according to the predetermined weight (or difficulty) of all criteria within a ticket, with the Responder and the Verifier receiving equal shares.

Upon completion and verification of the due diligence check, an Infomatix trust score will be assigned to the business, with a certification of authenticity and a visual badge that is able to be displayed in the business' collateral.

Examples:

1. *A British retailer selects a Chinese manufacturer, but would like the peace of mind to be able to trade safely. The British retailer would purchase the required allocation of 7 INFO tokens, complete the due diligence request form and lock the tokens into the queue. The Infomatix community from around the world comes together to complete the 100 point check, including some members in China who are able to physically verify the existence of the Chinese manufacturer.*
2. *A small Indian tech company is trying to raise a seed round from American investors. Either the tech company or the investors are able to purchase the required allocation of INFO tokens, complete the due diligence request form and lock the tokens into the queue. The Infomatix community from around the world comes together to complete the 100 point check, including some members in India who are able to independently interview the founders.*
3. *A German NFT gaming protocol is trying to separate itself from a sea of illegitimate and rug-pull NFT listings, in the hopes that it can attract more favourable attention from the crypto community. Either the protocol or investors are able to purchase the required allocation of INFO tokens, complete the due diligence request form and lock the tokens into the queue. The Infomatix community from around the world comes together to complete the 100 point check, including some members of the NFT community who are able to independently confirm the quality of the codebase and the project.*

We aim to have a 100 point template that will be relevant to most businesses but the requester can also specify a more specific diligence request based on their needs. Businesses can use it as a “proof of audit” and investors can use the same function to investigate companies before they make an investment.

All of these due diligence requests would be paid for in INFO tokens

Request rewards and time limits

Requester can submit price data requests for free, however the approval and hence potential fulfilment of free requests will not be guaranteed.
Due diligence requests must be paid for in full by the Requester. If a due diligence request is rejected or is not responded to and verified within the given time limit, the amount paid for request submission will be returned to the Requester with the deduction of the platform fee and the blockchain transaction fee.

Price data requests for a single data value in one of the existing categories are approved automatically if the formal requirements for request submission are met.
All due diligence requests must be manually approved or rejected by the Admins.

If approved, a reward in INFO tokens and a time limit must be assigned to all requests by the Admins, who will set the reward amount based on this data's value for the platform.

In the future, Requester will have the option to assign a reward and a time limit to their price data requests themselves. Such requests will not be subject to Admin approval and will be approved automatically if the reward and the time limit values exceed the minimum set by the Admins.

Requester must have the amount of platform tokens they want to assign as a reward on their blockchain wallet balance. Upon setting the reward value and submitting the request, the Responder will be prompted to approve and send the transaction through the blockchain wallet interface.

Rewards will be released to the Responders and Verifiers only after the response has been verified. Only approved requests with a reward and a time limit assigned to them become visible to Responders.

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Response submission

Responders can see the list of all requests pending response which have been approved by the platform. Depending on whether the Responder was approved to provide price data, due diligence reports or both, the corresponding types of requests will be visible to them.

This list includes the information about:

- Data request name, description and keywords
- Reward
- Time limit
- Number of submitted responses

The list can be sorted by each of the columns and filtered by:

- Single data point or dataset
- Number of data points
- Units of measurement
- Currencies

Responders can select a particular category or type of request from the list of the available ones. Most relevant requests are suggested to them based on their area of expertise and their previous responses.

After the time limit for a particular request elapses, Respondents are no longer able to submit data responses for it.

Responders can select any available request and go through the following process to submit a price data response.

1. Responders must state their rights to the data they submit, whether it is
   - User-generated data
   - User-owned data
   - Open-source data

   By submitting data to the platform, Responder guarantees that they have the rights to distribute this data.

2. Responders must upload the file with data in one of the platform-supported formats. Before uploading any files, the responder can optionally download a CSV template file and check formatting guidelines.

3. Responders must provide citation information in at least one of the following ways:

    - Literature references
        - DOI or ISBN
        - Author
        - Title
        - Publisher
        - Year of publication
    - Personal references
        - Full name
        - Job title and company
        - Contact information
    - Internet sources
        - Hyperlink to the referenced web page
    - Written justification
        - Free text input

In the case of due diligence reports, they will be carried out in the form of a 100 point check, including the following:

- Company information
- Financial information
- Product information
- Legalities

In each category, a response can be provided by a different Responder, all of which will be verified separately. Each responder whose submission was successfully validated receives an equal share of the reward assigned to that request.

Response verification

All submitted data responses are subject to verification, so as to eliminate a single point of failure and double-check the quality of the data added to the platform by the

knowledgeable users who registered as Verifiers.

Verifier has to claim the request to start verifying responses of a particular request. After he claims the request, other verifiers will not be able to claim it again. After claiming, the verifier will be able to see a list of all responses submitted to the request.

Verifiers must look through all submitted responses to check the data and the cited sources, and select the one they deem the most accurate and relevant, which will then be considered verified.

Admins assign the type of responses (price data or due diligence) and the certain categories to the Verifiers based on their area of expertise. Verifiers can only verify the data requests in the categories and of the type assigned to them.

Due diligence reports can be validated by multiple Verifiers, with one Verifier providing verification in one category. If the information in some of the categories does not get verified within the set time limit, the Requester has the option to accept the unverified information and receive the respective part of the reward back with the fees deducted proportionately.

Reward distribution

All rewards for platform contributors will be paid in INFO tokens from the platform treasury funded by the initial token sale and sustained by the platform fees and subscription payments for other services within the Infomatix ecosystem.

Responders receive their share of rewards only in the case if their response gets verified. Verifiers receive their share of rewards if the response they verified hasn’t been disputed after a certain period of time set by the Admins.

Reward share ratio is set by the Admins, with the default ratio being 50/50:

- X % of the total reward for Responder,
- Y % the total reward for Verifier, where X + Y = 100%

Admins can optionally configure the relationship between the Responder's reward share and their current rating, by providing a formula such as:

$$\text{Current share} = \text{Base share} * f(\text{Current rating})$$

with f being any continuous function defined for the range of arguments from Minimum Rating to Maximum rating and normalized to the value of 1, with the simplest example being a linear function

$$f(\text{Current rating}) = \frac{\text{Current rating}}{\text{Maximum rating}}$$

Verifiers' rewards are not immediately affected by the ratings of the data verified by them, however the admins can manually adjust the amount of rewards each particular verifier receives.

If none of the submitted responses are verified when the time limit elapses, the reward for this request becomes unavailable to both Responders and Verifiers. If the reward was set by the Requester, it is returned to them with fees deducted.

If the reward was set by the platform, the tokens will be available for the Admins to be assigned to other requests.

Reputation system and validity disputes

As a set of countermeasures to spamming, misusing the platform processing capacity and data storage, supplying deliberately false information or intentionally sabotaging the verification process, a system of user ratings and validity disputes is embedded into the platform.

Requesters can rate their satisfaction with the data provided by Responders on the scale from 1 to 5, with 5 being completely satisfied with the relevance and quality of the data.

Requesters can rate only those responses that were requested by them and were verified by the Verifiers.

By default each Responder has the rating of 5, which is recalculated every time their

response is rated. Responders with ratings or verification rate below the thresholds set by the Admin are flagged as unreliable and are unable to submit any new responses until reviewed by the Admin.

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If the Requester is completely dissatisfied with the data they've been provided, they can open a dispute. Dispute on the data response requires the three parties: the Requester who submitted the corresponding data request, the Responder who submitted the data response and the Verifier who verified that response, to provide the arguments defending their case before the specified deadline.

If the Verifier consistently verifies the responses which are then given the rating of 1 by the Requesters or the responses they verified are consistently disputed, such Verifiers are flagged as questionable and are subject to admin review.

The rate considered as consistent is determined by the Admins in the form of set values for 'disputes per month' and '1-ratings per month'.

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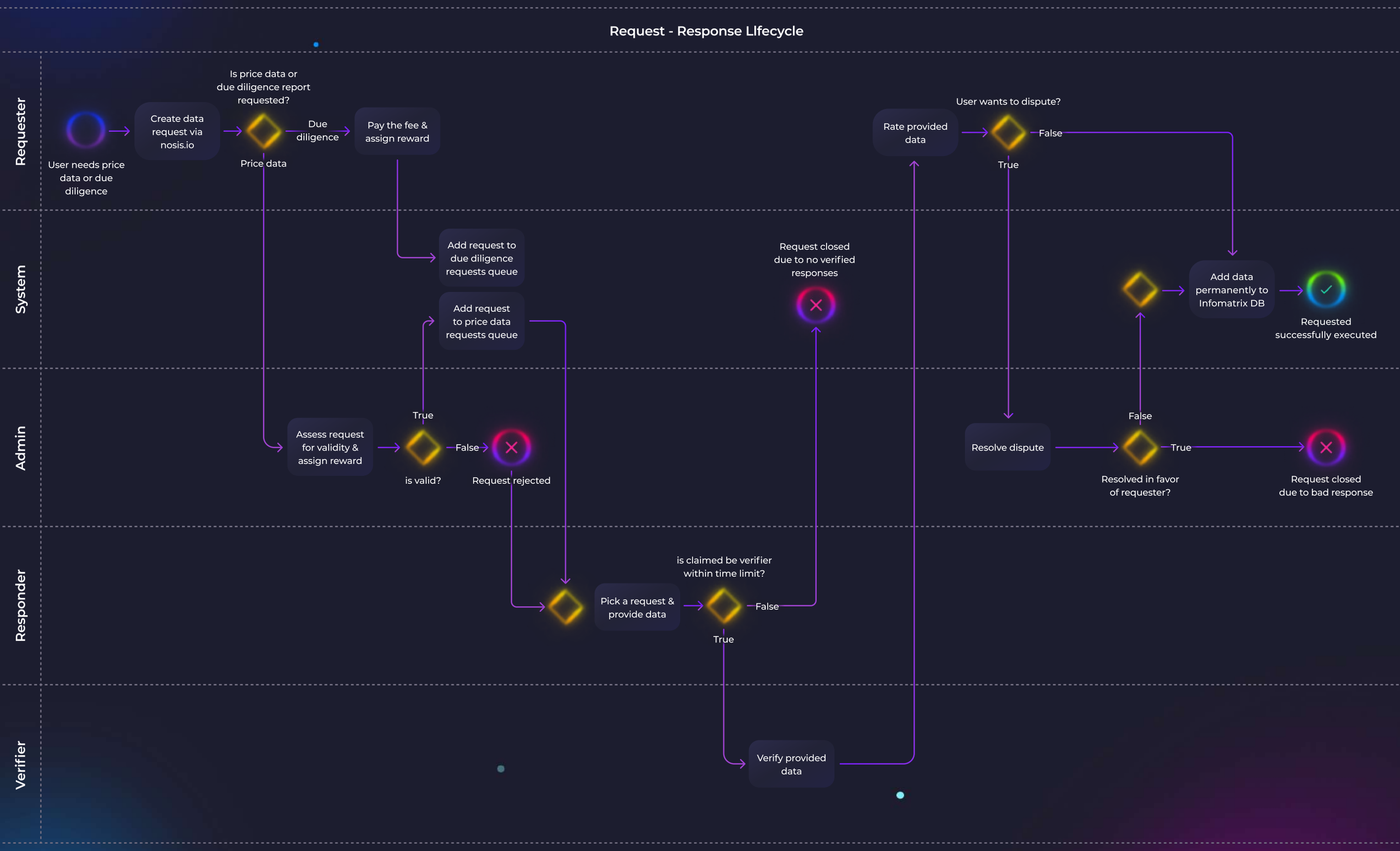
General request-response lifecycle

For the purpose of illustrating the core logic of the Infomatix platform, the following diagram outlines the processing flow of both requests for a custom asset price or for a due diligence report on a given entity. The process starts with the user creating a request on the Nosis.io platform and ends with either the provided data or report added to the Infomatix database or the request closed due to:

1. Request failing to meet the requirements of the platform or bearing little or no value for the community
2. No responses were verified as valid within the time limit assigned to the request,
3. Provided data or report deemed irrelevant in the result of a user dispute.

Depending on whether the request was placed for price data or due diligence report, it is directed into the relevant queue under the category specified by the user or by the Admin in the approval process. Responders and Verifiers referred in the diagram are implied to be approved to process the corresponding type and category of requests.



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Ecosystem architecture

Infomatix ecosystem consists of the two platforms: Nosis.io and Infomatix.io, and a number of 3rd party service integrations.

Nosis.io platform visualizes the financial data obtained from various traditional data vendor APIs, like Tiingo or CoinGecko, as well as from the Infomatix data API, and allows the user to submit requests for data which is not currently available from these sources, see the history of their requests and the responses given to them and rate the responses or open disputes in case they believe the provided data is not valid.

Infomatix.io platform processes the submitted data requests, writes the data obtained from the verified responses to its database, distributes rewards to Responders and Verifiers and processes response ratings and disputes.

Architecture overview diagram given below outlines the internal structure of the Infomatix platform and its relations with Nosis.io and 3rd party integrations. The main bulk of request processing and feature logic implementation is handled by the Infomatix backend, which interacts with Nosis.io and external services via APIs.
All data submitted by the users, their profile and rating data, response, verification and dispute history will be stored in the centralized Infomatix database.

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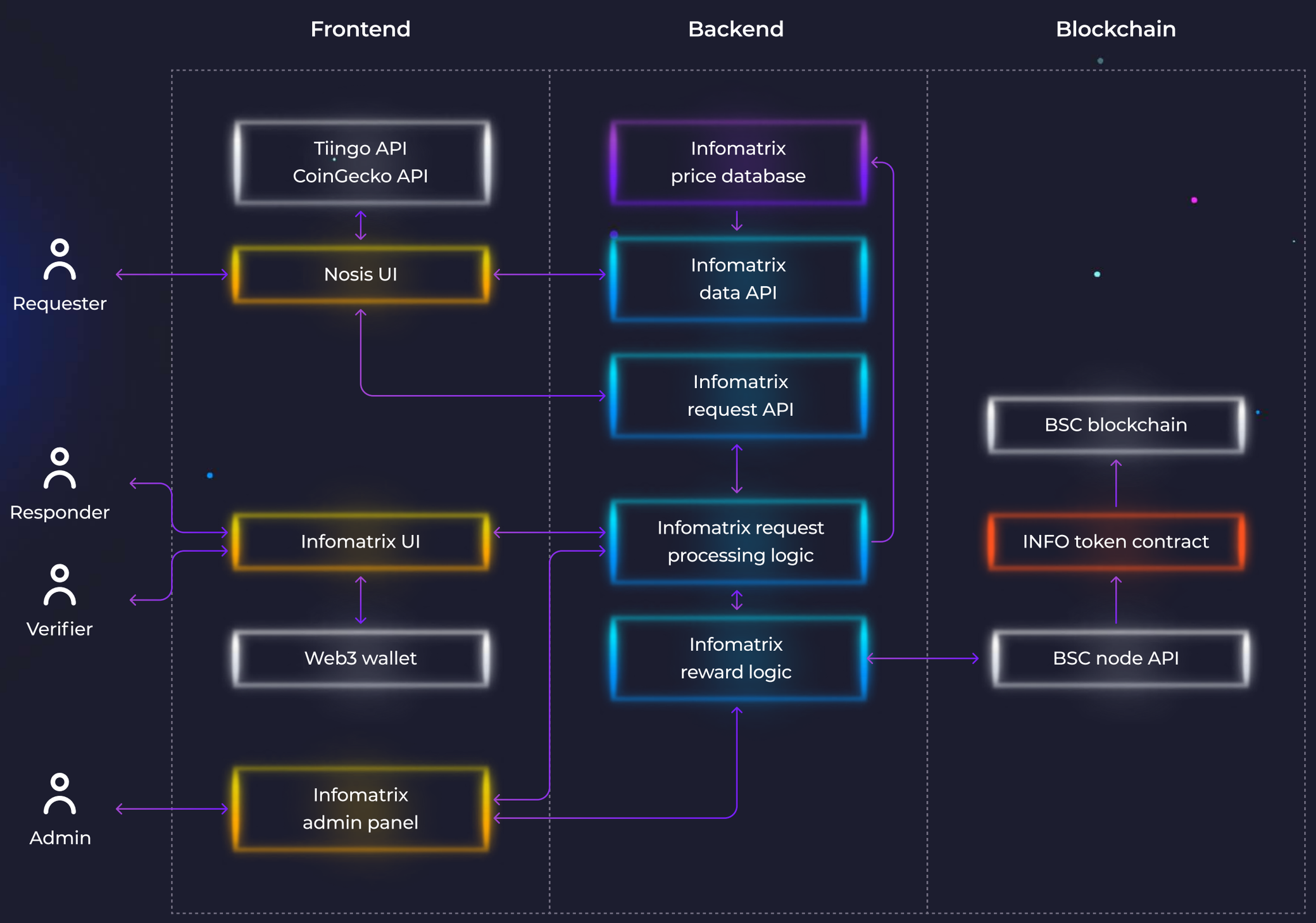
Infomatix frontend includes a user interface, which is used by Requesters and Verifiers to provide and verify data, and an admin panel used by the platform administrators to monitor the platform metrics, tweak parameters, resolve disputes and manage the reward system.

Reward system interacts with the INFO token smart contract in order to deliver the rewards into the users' wallets. Infomatix is integrated with web3 wallet apps (e. g. Metamask, Trust Wallet, BSC Wallet), allowing the users to see their INFO balance and send transactions directly from the Infomatix interface.



#	Element	Description
1	Nosis user interface	Allows users to visualize financial data and submit requests for custom assets
2	Traditional data vendors (e. g. Tiingo API, CoinGecko API)	3rd party services providing price data from stock market, foreign exchange market, cryptocurrency market
3	Infomatix user interface	Allows users to register • As Responders to provide financial data unavailable from other sources • As Verifiers to assess the data provided by Responders and validate/reject it
4	Web3 wallet	Allows users to see their INFO token balance and make transactions with it
5	Infomatix admin panel	Allows admins to approve/reject incoming requests, assign rewards to requests, resolve user disputes
6	Infomatix price database	Stores price data provided by Responders and validated by Verifiers
7	Infomatix data API	Allows Nosis.io and other platforms to access Infomatix data
8	Infomatix request API	Allows users to act as Requesters by submitting requests for custom financial data to Infomatix platform via Nosis UI; returns statuses of their requests, allows to rate corresponding responses and open disputes on unsatisfactory data responses
9	Infomatix request processing logic	Routes data requests to Responders in relevant category, receives data responses, routes them to Verifiers in relevant category, saves verified data into Infomatix database; routes open disputes to Admins, collects dispute data, deletes data invalidated by Admins after disputes from Infomatix database
10	Infomatix reward logic	Distributes reward tokens to contributors' wallets
11	BSC node API	Allows backend to access smart contract functions
12	INFO token contract	BEP20 token used for rewards to contributors
13	BSC blockchain	Binance Smart Chain state changed according to the token contract

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INFO Token and project economics

Infomatix has introduced its native utility token INFO, which will be used to reward the Infomatix contributors: Responders, Verifiers and Admins, and will be accepted as a form of payment on Nosis.io and in the larger Infomatix ecosystem. Leveraging the capabilities of smart contracts, in future, it will be possible to manage the token rewards by the consensus of the ecosystem participants.

Using a dedicated token provides a number of advantages over the use of fiat currencies or existing coins and tokens for that purpose, including that:

- It makes it possible to specifically manage the incentives for all participants of the ecosystem.
- It can be used for payment across different jurisdictions, providing a single common method of settlement.
- Smart contracts allow the automatization of payments and ensure their irrefutability.
- Creating a dedicated token can shield the ecosystem from the externalities that make other cryptocurrencies volatile, providing a stable means of exchange within the ecosystem.

Tokenomics

The INFO token is a BEP20 contract based on the Binance implementation, deployed on the BSC Mainnet. Tokens are sold in three rounds: seed sale, private pre-sale and the IDO, or initial DEX offering, which will list the token on a decentralized exchange making it possible to swap with BNB or other BEP20 tokens.

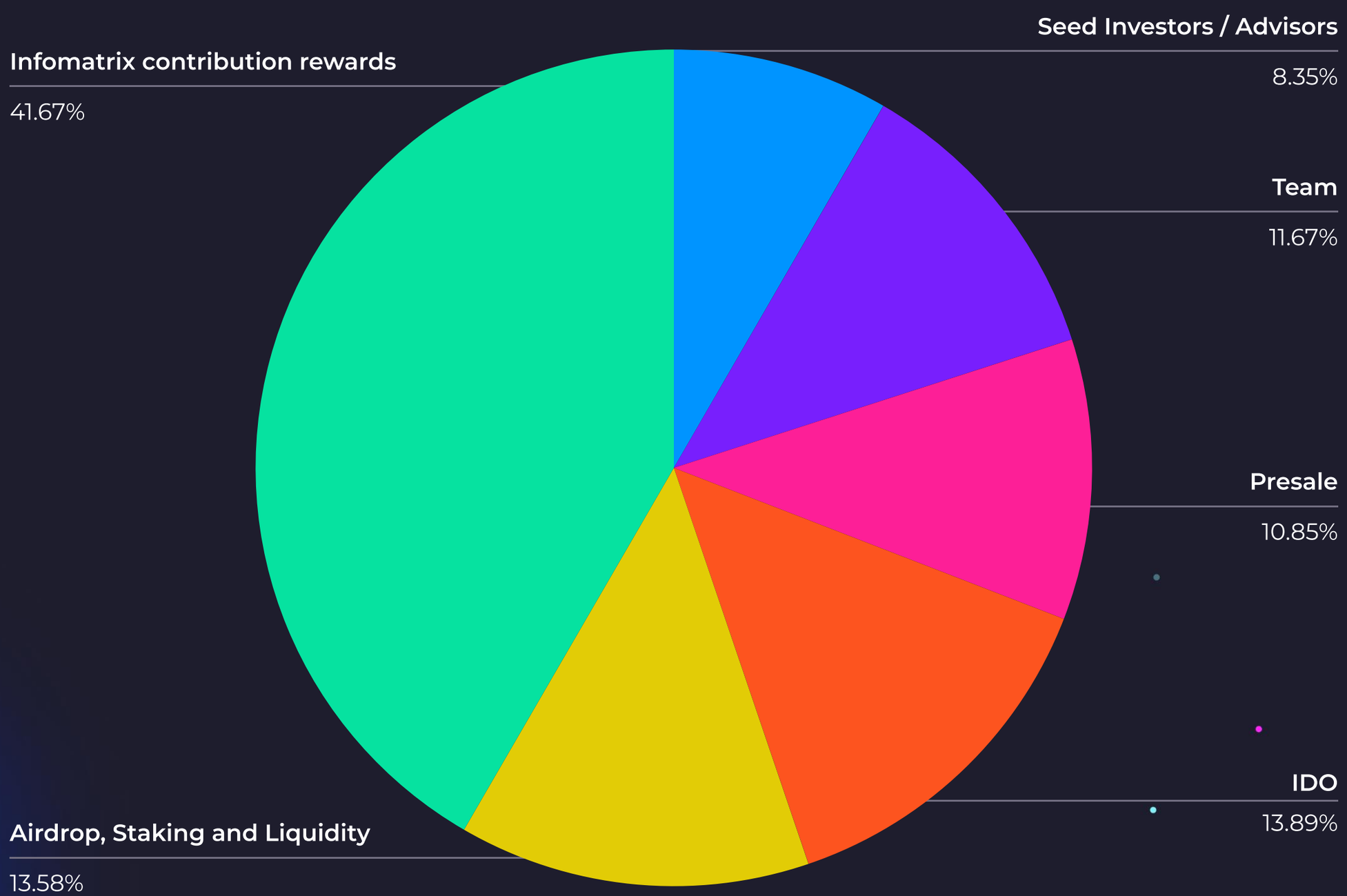
Token name	Infomatix
Token symbol	INFO
Token type	Utility token
Blockchain network	Binance Smart Chain Mainnet

Smart contract standard	BEP20
Smart contract address	0xdf727040d3997b5d95dee8c661fa96e3c13ee0c9
Decimals	18
Total supply	720,000,000

With the total supply of 720 million tokens, 300 million INFO tokens are set aside to be used for the ecosystem contributors' rewards and are managed by the platform according to the reward policy.

For the Initial DEX Offering (IDO), the token will be listed at the price of $0.005. Each participant will receive 25% of their allotment at the completion of the IDO stage and 25% every month following the completion of the IDO until each participant has received their full 100%.

Distribution	**Token allocation**	**Total supply percentage**
Infomatix contributors rewards	300,000,000	41.67%
Seed investors/Advisors	60,125,000	8.35%
Pre-Sale	78,125,000	10.85%
IDO	100,000,000	13.89%
Airdrop, Staking and Liquidity	97,750,000	13.58%
Team	84,000,000	11.67%



INFO token in the context of BSC and Infomatix ecosystem

The first half of 2021 was marked by the all-time high transaction fees on the main smart contract platform, the Ethereum network. This has once again highlighted the intrinsic scalability issues of Ethereum, showing its inability to cope with intensive network congestion and hence its infeasibility and unreasonable costliness for highly loaded applications.

Among the many alternatives to Ethereum, Binance Smart Chain (BSC) has distinguished itself as one of the strongest contenders thanks to its full support for Solidity smart contracts and integration into the Binance ecosystem, demonstrating explosive growth in the number of dApps, users, and its market cap.

BSC offers significantly lower gas fees and improved transaction throughput, making it suitable both for building sophisticated dApps and as an efficient instrument for transferring value.

Being fully EVM-compatible, it can run token contracts such as ERC20, however; the main advantage lies in its native BEP20 standard.

BEP20 tokens are interchangeable with the BEP2 standard employed by the Binance Chain, the network parallel to BSC which powers the eponymous crypto exchange. Leveraging the ease of access to both Binance exchange and bridge features, BEP20 tokens can benefit from enhanced cross-chain capabilities, paving the way for the INFO token to expand into other blockchains, as well as ensure its convertibility with fiat currencies.

INFO token contract is based on the Binance BEP20 Implementation: https://bscscan.com/address/0xdf727040d3997b5d95dee8c661fa96e3c13ee0c9#code%23L1

To support further development of the Infomatix platform, support the referrer and validator ecosystem, and to maintain product and growth upgrades necessary for the platform's transition into a DAO, a 1% annual inflation rate has been established. This inflation rate cannot be increased and can be disabled at any moment to be reserved for the DAO. At the discretion of the team, and later the DAO, the inflated tokens may be burned at any time when treasury contains sufficient reserves for ongoing maintenance and reward requirements of the platform.

Furthermore, as the ecosystem becomes self-sustaining, the control over the INFO contract will transition towards the community-based voting protocol implemented as a governance smart contract, which would allow the token holders to vote on the direction of the project as a whole.

Detailed in the 'Ecosystem architecture' section, the interaction between the Infomatix platform and the INFO token occurs through the reward logic module, which operates based on the declared platform policy and the fully logged input from the platform administrators.

This way no INFO can be spent from the reward allocation in circumvention of the Infomatix backend, guaranteeing complete accountability.

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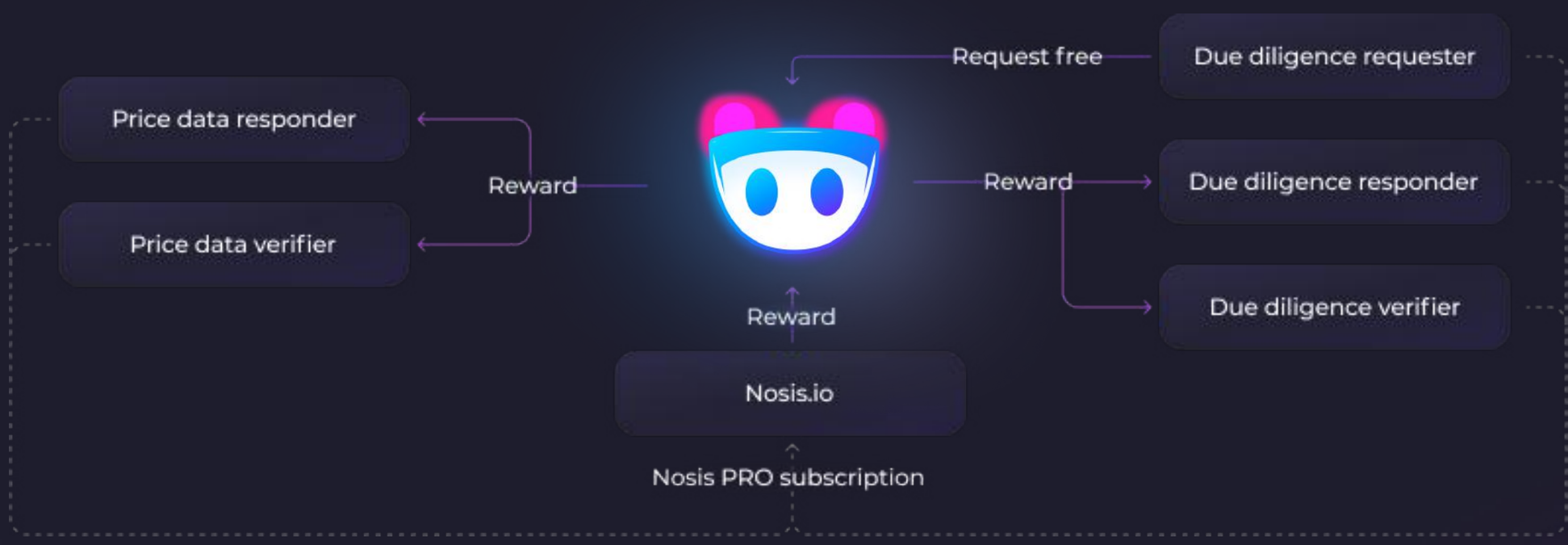
Economic model of the Infomatix ecosystem

Nosis.io originated as a standalone free-to-use service, but as it led towards the creation of the Infomatix platform facilitated by its contributors, a self-sufficient and sustainable economic model had to be constructed to support the growth and development of the upcoming ecosystem.

Kickstarted by the initial offering of the INFO token, the goal of the Infomatix ecosystem lies in offering a diverse and exhaustive range of interconnected services that allow users to efficiently exchange information and value fueled by the Infomatix tokenomics.

While the collection of the price data is principal to the whole ecosystem and therefore is funded by the Infomatix platform itself, the due diligence feature relies on the supply and demand for such information among the community of its users, thus a request fee in INFO tokens is charged for the due diligence requests. This fee is used to cover the contributors' rewards, and it also contains a platform fee used to fund the other branches of the platform.

Beyond that, more services which will accept INFO tokens for payment will be introduced into the ecosystem over time, starting with Nosis PRO, an advanced analytical instrument running on top of the existing free Nosis.io functionality. Offered on a paid subscription basis, not only is it going to bring in additional value to the users as a way to utilise their INFO tokens, but it will also ensure the stability of the token itself thanks to the supplementary use-cases and closed-loop scenarios to keep the funds inside the ecosystem, as outlined in the flowchart below.



Infomatix

Project History & Future roadmap

The project started in 2020 with the inception of the Nosis team, assembled for the creation of the Nosis data visualization platform. In the process of building the MVP of Nosis.io, came the realisation that the project can not rely on the external data vendors and the datasets provided by them don't offer the full picture. It became apparent that a new platform needs to be developed which would be the most comprehensive and versatile source of financial data.

Q3 2020

Assembling the team behind Nosis/Infomatix

Q4 2020

Nosis MVP Released

Q2 2021

Infomatix portal conceptualization and design

Q3 2021

Infomatix Whitepaper published

August 2021

INFO token deployment & start of private pre-sale

August 2021

Infomatix developments begin

Q4 2021

INFO token IDO launch and DEX listing

Q4 2021

Infomatix portal V1 launch

TBA

Implementing new features: due diligence reports, improved tokenomics

TBA

Become a fully decentralised autonomous organisation

Future plans

With the community being in the center of the operation of the Infomatix platform, the immediate steps revolve around attracting the user base and raising awareness through a marketing campaign, the launch of the INFO token in a presale round and later an IDO, and promotional airdrop events.

Upon the release of Infomatix version 1, the request-response-verification flow and the reward and reputation mechanism are going to be fine-tuned over the testing stage, finding the most optimal system parameters for the sustainable and efficient functioning of the platform. The ultimate goal of the Nosis-Infomatix ecosystem is to become independent from any 3rd party data vendors and grow into the global source of financial truth.

Infomatix transitions to a fully Decentralised Autonomous Organisation - DAO. This implies that when the Infomatix team believes the project is mature enough to be led, controlled, and developed by the global community, all critical product choices will be democratically voted on by token holders. We now expect this to take 3 to 5 years, but this may change depending on how quickly Infomatix achieves its mid-term product and growth objectives.

Conclusion

In all aspects of financial activities, the free flow of information presents the utmost importance. Any deal is accompanied by a wide range of risks, many of which can often lead to the loss of capital, making it critical to carry out extensive and comprehensive preparatory work. There are two central questions arising in such situations: that of a current market landscape, i. e. what is the current price of an asset, how it behaved historically and what are the trends; and that of a counterparty, which comes down to gathering as much information on the person or entity you're dealing with as possible, attempting to analyze their solvency or reliability, and infer whether it is worth going through with the deal in the given circumstances.

Infomatix introduces an ecosystem which aims to provide a versatile set of tools and services for answering both of these questions, made possible through the power of crowdsourcing. Users can access any existing financial data obtained from the traditional data providers through the Nosis.io platform, and when those fail to provide the necessary information, the Informatix.io platform steps in, allowing the users to submit data requests to be tackled by the community of experts. Responders and Verifiers supply the most precise and up-to-date information to the platform and verify the validity of the data provided by others, receiving INFO token rewards for their service. All requests are assigned a bounty corresponding to its value to the platform, and with a balanced rating and dispute mechanism in place, the quality of data is controlled by the community itself, prioritizing and incentivising the most valuable contributions.

Markets are ultimately driven by the people behind them exchanging information and seeking the most optimal deals, and thus, by directly addressing the source of that information, we can build a highly efficient system enabling the users to perform market assessment and due diligence analysis in order to elaborate their investment strategy, keep track of their portfolios or plan out a deal in such way as to minimize their losses and maximize their returns.