MTHUB

Digital Brokerage Platform

mthub.io

Introduction

The rapid development of financial relationships between people has led to an increase in the number of different classes of assets, the exchange of which today has become impossible without the use of exchange and brokerage technologies. For 2022, there are more than 400 thousand popular and liquid financial instruments.

The formation of the cryptocurrency market initiated the process of the emergence of a new asset class with a significant share of capitalization. Unlike traditional exchanges, cryptocurrency exchanges willingly list any popular assets without significant regulatory requirements, which is an incentive for the emergence of new breakthrough projects and technologies.

The technologies used by classical exchanges and brokers are significantly ahead of cryptocurrency market in terms of security, transaction processing speed, and a number of other indicators, but cannot provide the same service speed. A trader using a cryptocurrency exchange can access their money within minutes.

Also, the cryptocurrency market in most states still has weak regulation and allows all exchanges to work without any restrictions. This is primarily due to the lack of clear control mechanisms and restrictions on cryptocurrency transactions from a technical point of view.

As soon as cryptocurrency derivatives appeared, cryptocurrency exchanges created an additional liquidity pool with the possibility of margin trading and "short" transactions, bypassing regulatory requirements in almost all countries of the world. The regulator, due to the lack of technical and legal tools, cannot have a serious impact on the work of a cryptocurrency company. Of course, there are exceptions in the form of several countries that were among the first to adopt all the necessary regulations to regulate the industry.

The ability to deposit and withdraw funds from the accounts of exchanges and brokers, bypassing the traditional banking system, allows clients to gain full control over their own funds and make investment decisions independently. This opportunity is great for qualified investors, but does not protect the interests of ordinary citizens who are not able to understand the essence of an investment proposal.

We have combined the strengths of the technologies of the classical financial world and the new cryptocurrency market and created a powerful synergy. This allows us to provide a unique solution, previously unavailable to most traders - the ability to trade any asset class within a single platform.

1. Infrastructure

1.1. General scheme

The company's platform is not static and is constantly evolving. As the number of customers grows, the volume of transactions processed, the emergence of new products, so the infrastructure also needs to be improved.
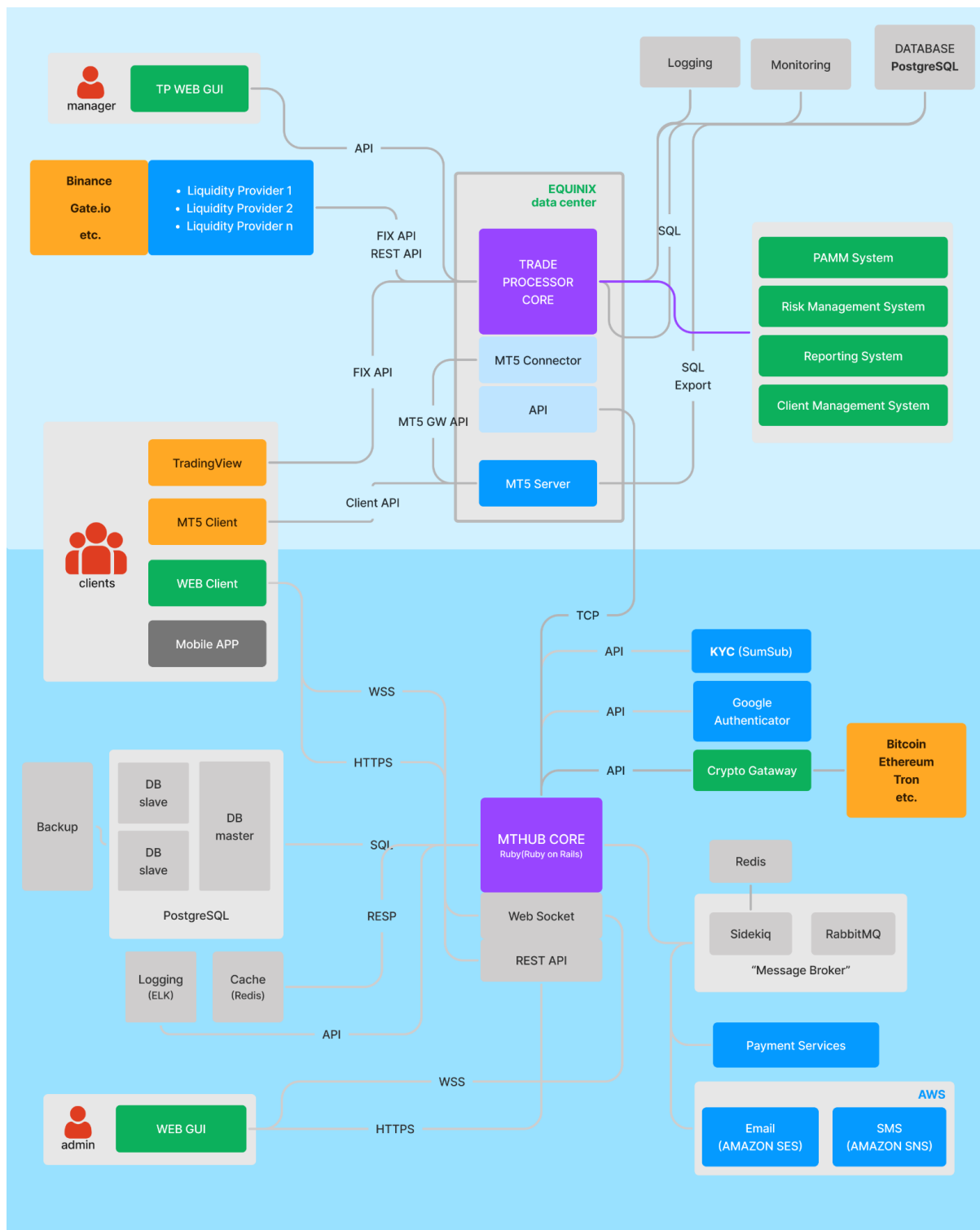
1.2. Equinix Data Center

10,000+ Customers   **99.9999%** Unmatched Uptime   **260+** Fortune 500 Companies

Equinix Inc. is an American public company providing carrier-independent data centres and interconnection services. The company operates in forty countries and offers its customers storage space in their data centres (colocation), as well as direct connections to network operators and other companies within the data centre, the so-called interconnects. Equinix's customers include large and medium-sized enterprises, such as cloud service providers, financial services companies, Internet content providers and network operators. In addition, Equinix data centres host many large Internet nodes such as DE-CIX, ECIX, and AMS-IX.
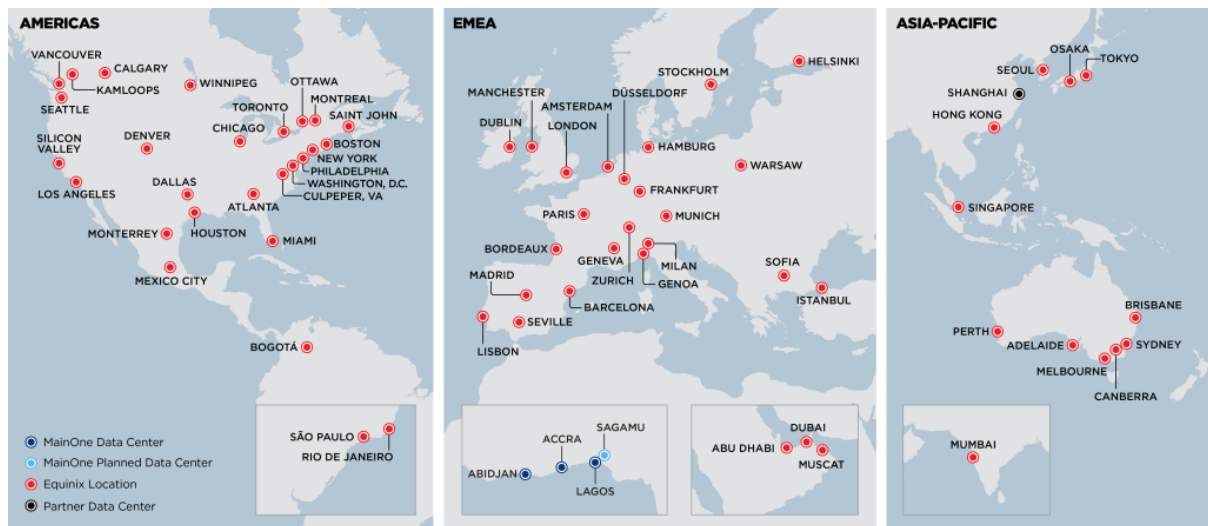
Data Center Locations (IBX):

- America: USA, Brazil, Canada, Colombia, Chile, Mexico.
- Asia Pacific: Australia, China, Hong Kong, Indonesia, Japan, South Korea, Singapore, India.
- Europe and Middle East: Bulgaria, Finland, France, Germany, Ireland, Italy, Netherlands, Poland, Portugal, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, UK.

The main servers are located in the LD4 location (Great Britain), which allows to significantly reduce the "latency" between the liquidity provider's server and the company's server. Deploying the infrastructure on servers in another location within the Equinix data centre takes no more than 24 hours.

For clients using HFT strategies, the company provides remote servers for installing automated systems in the same location where the main trading server is located. This allows you to significantly reduce the time of execution of operations and eliminate all possible problems associated with the work of local Internet providers.

1.3. Liquidity providers

Given the extensive experience in developing software for financial companies, the company's team and its partners have more than 40 ready-made integrations with various liquidity providers, including Binance, LMAX, MatchTrade, Saxo, SwissQuote, AlpacaMarkets, Exante, HitBTC, XOpenHub and others. The company has the ability to connect more than 400 thousand financial instruments, access to which is provided to professional and institutional clients.
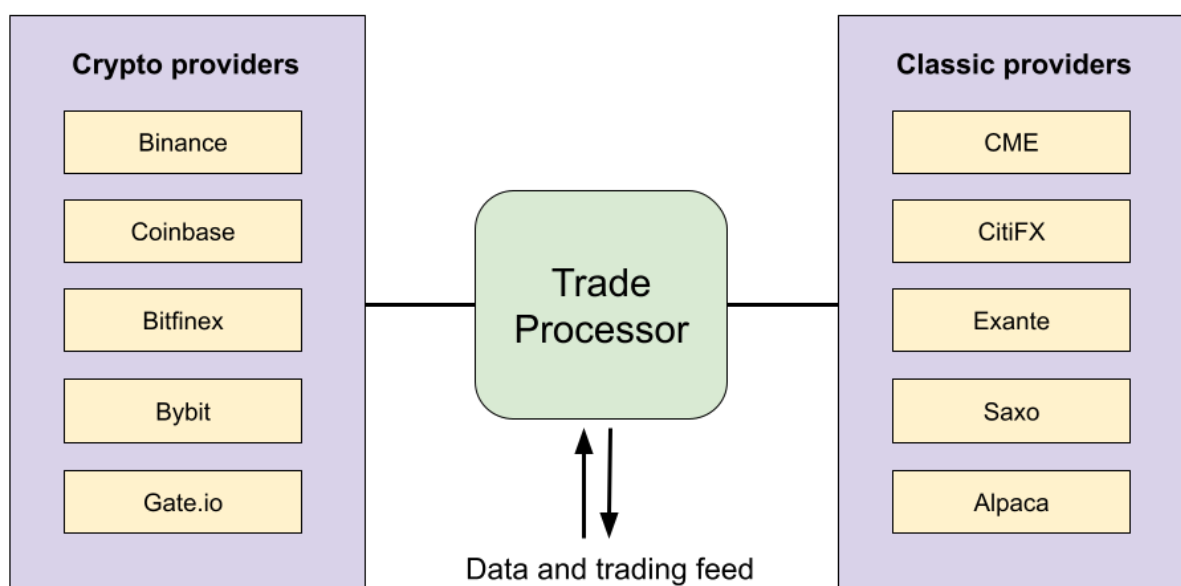
The platform's leading liquidity provider is the Binance exchange. Traders have access to the entire futures section of the exchange with base currencies USDT and BUSD. There are no restrictions imposed by the exchange for certain groups of clients at MTHUB. It is allowed to use any strategies, with any number of operations and any volumes.

Integrations with new liquidity providers that have the FIX API are performed in an accelerated mode through the use of a single information exchange standard. The location of the liquidity provider's servers in the infrastructure of Equinix or AWS Amazon allows you to build a stable channel with the maximum level of uptime servers.

The use of various liquidity providers with the ability to aggregate liquidity, as well as provide flexible settings for the number of instruments and order execution options for a particular

provider, significantly increases the opportunities for professional traders, as well as the company's institutional clients.

1.4. Data storage

The storage of financial information is a complex issue. Changes to values in databases and file systems provide a technical opportunity for various kinds of manipulations. Professional traders know that many brokerage companies and cryptocurrency exchanges use various tools to increase their profitability, for example, out-of-market collection of quotes (spikes), after which they "clean up" the history.

In order to avoid any kind of manipulation, to provide a truly transparent brokerage service, all customer orders, as well as the accrual of affiliate rewards, are copied from the classic storage in real time to the public blockchain. The data in the blockchain platform is stored in an anonymized form and is necessary to control the integrity of the execution.
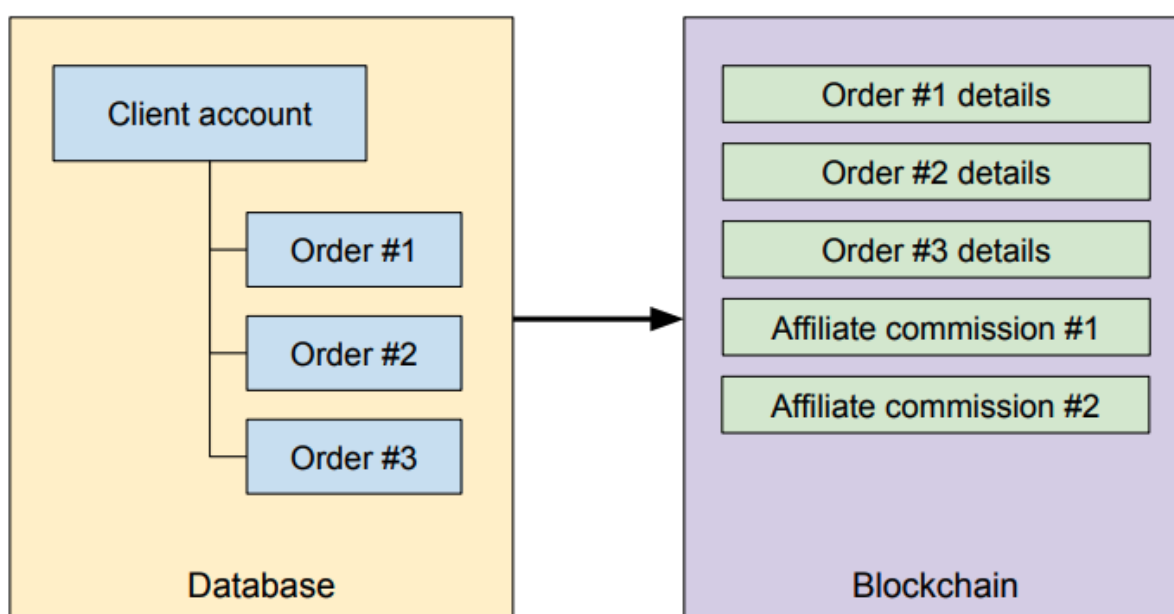
The implementation of this decision is scheduled for the end of 2022. Given the extensive experience in developing solutions related to the integration of blockchain platforms, this software module will be implemented in a short time.

The data recorded in the blockchain platform cannot be changed by anyone, not even by the company itself. This mechanism excludes any possible manipulations by the brokerage company.

1.5. Client Area

The client area is a web interface designed for easy interaction with the company's services. Considering that most of the software environment is isolated from the client and managed through the trading platform, the client area allows you to solve a number of issues, including:

- Mandatory KYC procedure for most countries;
- Deposit and withdrawal of funds through cryptocurrencies or payment systems;
- The ability to contact customer support;
- Creation of trading and investment accounts;
- Functionality of a multi-level affiliate program;
- Accounting for all transactions, generating reports.

The client area is implemented as a separate application with a microservice architecture. This solution also simplifies the launch of White Label solutions in the "box" mode with flexible service settings.

In the near future, the company also plans to release its own mobile application for convenient personal account management. The mobile application will duplicate the functionality of the web version of the client's account.

2. Company Services

2.1. Trading

Trading is the main service of the company, which is the most popular among private clients. Within the framework of the platform, trading is available in almost all asset classes, including: cryptocurrencies, forex, stocks, commodities, futures, and others.

The key feature of the platform, unlike most cryptocurrency exchanges, is the availability of demo accounts, on which you can trade real-time for virtual funds without the risk of losing your own money.

Trading with real money is fraught with risks, so the company is flexible in dividing clients into beginners and qualified ones. Experienced traders can get increased leverage, a wider range of available instruments, the ability to work through a custodial service, and some other services.

The size of the commission for a different class of financial instruments has an individual value and is adjusted depending on the commission of the liquidity provider. For a number of instruments, trading is offered without a commission (there is also no margin on the spread).

Many brokerage companies, offering commission-free trading, include it in the spread. Spread widening is imperceptible to novice traders and investors, but is always taken into account by professionals. The most liquid financial instruments do not have a spread (ASK and BID prices do not differ from each other), and in rare cases they may have a negative one.

Given the large number of liquidity aggregation options, the flexibility of order execution setup schemes, private traders are offered a unique opportunity to use a professional infrastructure at no additional cost. The company welcomes all traders, regardless of the type of trading strategy: scalpers, HFT traders, news traders and others.

For trading, the company offers Metatrader 5. TradingView and its own mobile platform will be added in the near future. It is also available to trade and connect any other trading platforms through the FIX API.

2.2. Qualification test

A large number of talented people in the world do not have their own capital to realize their personal potential. Prop trading allows you to get initial capital under certain conditions, which can significantly change the current life situation of the most successful candidates.

General life cycle of prop trading within the company:

- The trader is tested on a demo account;
- If successful, the trader receives a real account for a small amount;
- A trader with good statistics starts moving inside the platform;
- Investors copy the signals of a successful trader, and the trader receives a reward for each closed order on the investor's account.

Thus, a trader with only $1,000 in his account, thanks to his skills and technical solutions of the company, can attract the attention of a large number of investors and earn more than $10,000 monthly.
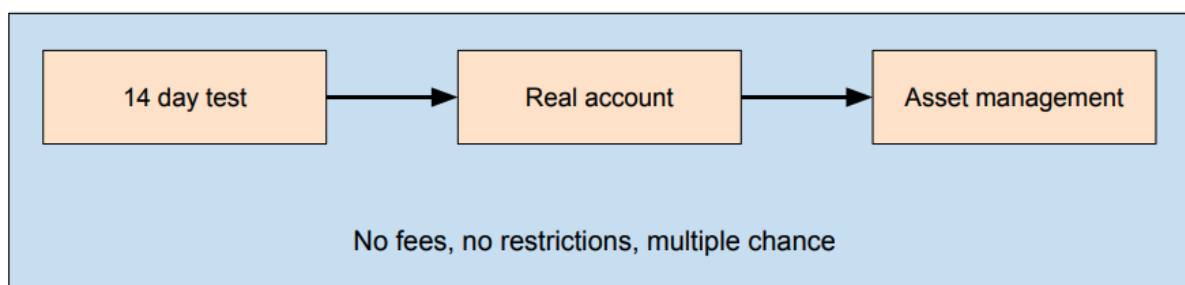
To receive an account to manage from the company, you need to:

- Open an account on the official website of the company;
- Take part in the contest by trading on a risk-free demo account;
- Show a return of 15% in two weeks with risk limits.

At the end of the competition, an account for $1,000 is provided, which becomes public, and profits from it can be withdrawn without any restrictions.

The second stage involves an active marketing campaign aimed at promoting a successful trader and increasing the total amount of connected accounts to which his trades are copied.

2.3. Investment platform

The investment platform is a service for copying trades of successful traders. A client who does not want to trade on their own can automatically copy trades from the provided list of traders.

At the same time, any trader can make his trading account public. Only real accounts can become public, copying signals from demo accounts within the framework of the platform is not available. All published accounts within the web interface are updated once an hour, and historical data on trader's operations are stored on an ongoing basis.
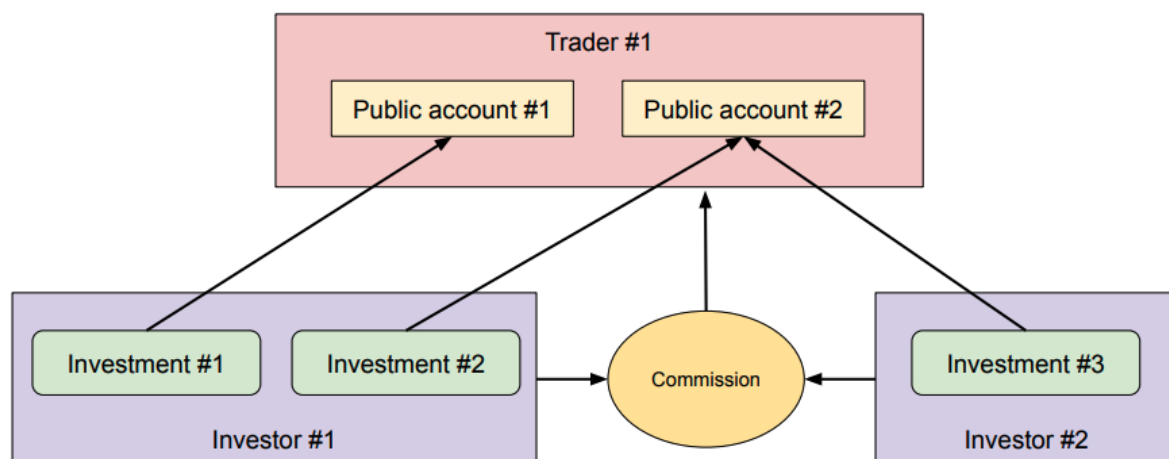
Copying transactions is carried out in proportion to the investor's deposit. For example, a trader has $10,000 on his account and he opens an order with a volume of 10 lots. An investor with a $1,000 deposit will copy a trade ten times smaller, i.e. for 1 lot. The investor independently chooses the amount that is the maximum risk for a particular trader.

The trader receives a part of the trading commission from the transactions of all investors who are subscribed to him as a reward - the trader sets the markup himself.

2.4. Affiliate program

The affiliate program allows clients to refer other clients and receive rewards for this. The company offers a two-tier system with a base remuneration of 10% for the first level and 2% for the second level from the customer's subscription payment.

The partner has access to view all transactions of his clients, which makes the program transparent and excludes any possible disagreements. Commission data is updated hourly and can be formed at any time.

For active webmasters and platforms, a CPA reward model is available. Rates and conditions are assigned individually depending on the type of clients and their trading volume. Additionally, the company offers a unique reward system for VIP partners.

2.5. Loyalty Program

The company's loyalty program is presented as a gamified system with points. Points can be earned by completing tasks. You can spend points in various promotions, including the purchase of crypto boxes and a qualification test for traders.

2.6. White Label

Strategic and regional partners are offered a solution to work under their own brand based on platform technologies.
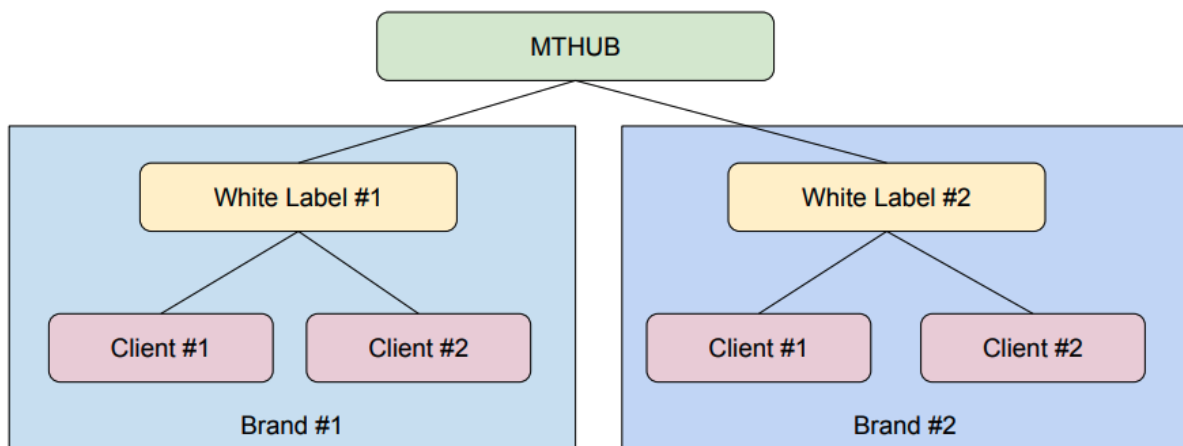
The company's team takes care of the entire cycle of technical work:

- Site deployment;
- Build trading platforms for all devices;
- Connection of payment systems;
- Setting up trading conditions;
- Server maintenance;
- Staff training.

A White Label partner needs to independently promote their brand, as well as provide customer support. All other processes are taken over by MTHUB.

2.7. Solar Feed

The impact of space weather on human behaviour is a well-known proven fact. Few management companies have been able to implement trading systems related to automating decision making based on space weather data.

Solar Feed is a unique product available for "Professional" account type traders. It is provided free of charge and does not require deep programming knowledge. The data feed is provided in a user-friendly format and can be integrated into trading platforms as an indicator.

The company's platform offers traders access via API to the following data:

- Magnetic storms by activity class in forecasting mode for 2 days in advance;
- The probability of a magnetic storm in percent for the current day;
- X-ray radiation of the Sun according to satellite data;
- Solar flares with class and duration.

It is also planned to additionally introduce data on lunar cycles, temperature indicators, pressure and other weather phenomena in real time. Algo traders can test strategies in correlation with weather data on historical data.

2.8. P2P service

For the convenience of users, the platform offers a quick exchange of cryptocurrencies for fiat funds. This exchange is carried out between users of the platform. A prerequisite for the payment is the completed KYC procedure.

2.9. OTC market

Financial instruments that are not listed on the exchange can be bought or sold within the company's platform. This type of transaction is carried out only with liquid financial instruments.
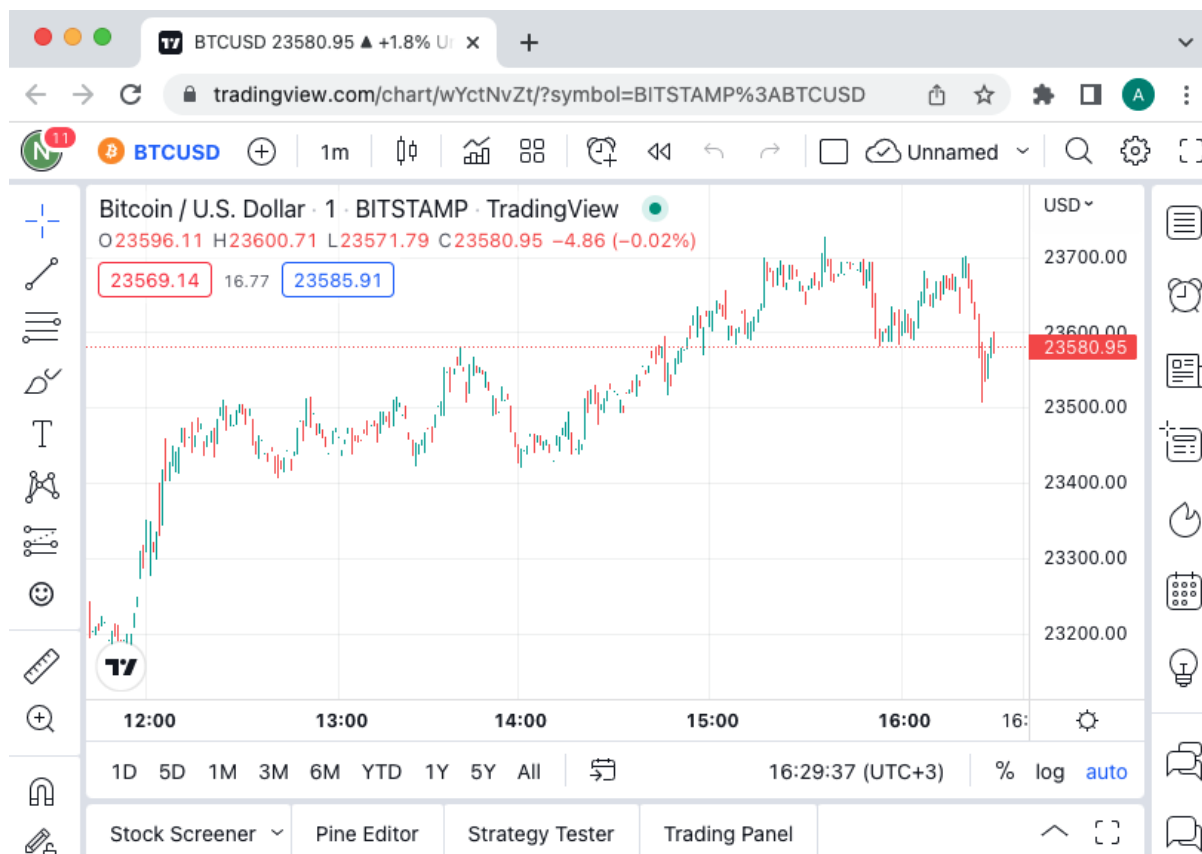
3. Trading Platforms

3.1. Metatrader 5
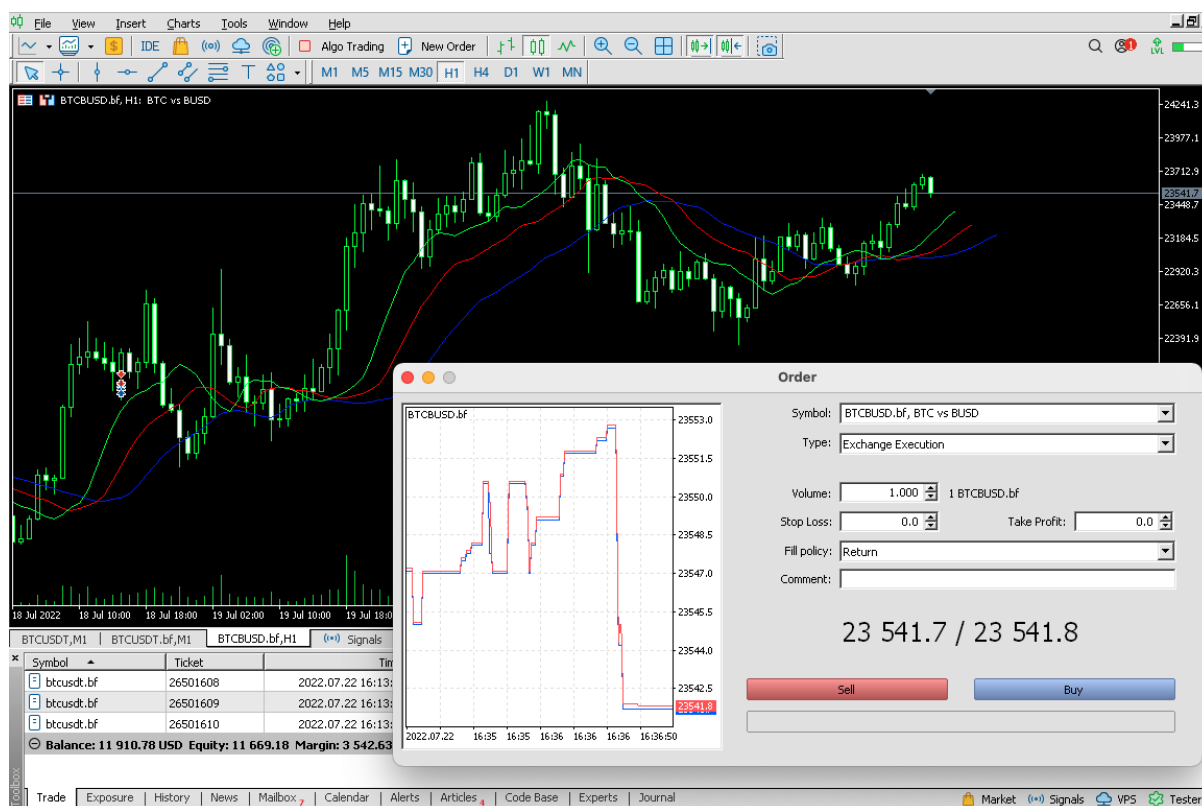
The Metatrader 5 trading platform is one of the most popular in the world. More than 10 million traders use it as their main platform for market analysis and trading.

The main advantages of Metatrader 5:

- Unlimited number of financial instruments;
- Large selection of ready-made tools for analysis;
- Built-in programming language MQL;
- Built-in news reports of the financial world;
- Extended event log;
- High performance.

Algo traders who have experience in automation in the MQL programming language give the most positive comments and reviews about this trading platform. Solving problems related to automation becomes a fast and exciting process.

3.2. TradingView

TradingView is a web service with the ability to use built-in market analysis tools. The platform quickly became popular among crypto traders due to its user-friendly interface that can be used from a browser on any device. TradingView connects to the MTHUB processor core via the REST API and becomes one of the available trading platforms.

Platform integration is scheduled for 2023. In addition to working with charts, clients will have access to an extended version of the functionality, including the ability to send orders for execution.

3.3. MTHUB App

Own mobile application with a user-friendly interface allows novice traders and investors to access all popular financial markets from one window.

The application provides the ability to trade all available instruments connected to MTHUB: cryptocurrencies, forex, commodities, stocks and others. Quick registration, multilingual interface and online support right from the application window will allow even the novice clients to gain investment skills.

The implementation of its own application MTHUB App is scheduled for 2023 immediately on all popular mobile platforms.

3.4. FIX API

The Financial Information Exchange (FIX) protocol has revolutionised the trading environment, being the foundational factor behind many of the e-commerce trends that have emerged over the past decade.

FIX has become the language of global financial markets, widely used by brokerages, trading platforms and even regulators to communicate trading information. This non-proprietary, free and open standard is constantly evolving to support changing business needs and is used by thousands of companies every day to complete millions of transactions.

The FIX protocol language consists of a set of messaging specifications used in trade communications. Originally designed to support stock trading, it is now rapidly expanding into the post-trade space by supporting straight through processing (STP). In addition, there has been significant growth in the fixed income, foreign exchange and listed derivatives markets.

The FIX Messaging Standard is owned, maintained and developed through the collaborative efforts of FIX Trading Community member firms, which include many of the world's leading financial institutions. These firms are working together to ensure that the standard meets emerging trade requirements and promotes its wider adoption, with huge potential benefits in the financial community.

Some members of the FIX Trading Community:

4. MTHUB Token

4.1. Token usage

Most of the services to the company's customers are provided at cost. For active clients with a large number of transactions, this approach provides a significant advantage. Instead of a commission for each transaction, the company charges the client a payment in the form of a subscription. To pay for a subscription, you need to receive or purchase an MTHUB token.

The total limited emission of tokens is 100 million units. Additional emission by the company is not planned, which will allow, as the audience of customers grows, to create a certain level of deficit and increase the demand for the MTHUB token.

In the current economic realities, expanding the planning horizon beyond 2 calendar years becomes unjustified, so the company's tokenomics is built within this period.

Tokenomics can be found on the official website of the company - https://mthub.io. Some significant points:

- The overall assessment of the project, taking into account market expectations and product readiness, is underestimated by more than 3 times. The main business model of the company is based on making profit from other sources, so the project team is not interested in distributing the token at the maximum price at an early stage;
- Early investors are offered the opportunity to exit quickly. Considering the small volume of sale on the "Private Sale" rounds, the company's team does not see any significant impact on the overall predicted dynamics of the value of tokens;
- Shareholders, partners and employees of the company are motivated to buy back tokens in circulation. The company, in turn, cannot legally guarantee the repurchase or burning of tokens, but also has a well-formed strategy in this direction;
- The focus of attention of the company's team is shifted towards the creation and development of high-quality products needed by the market, and not one-time speculative events. This position creates a long-term potential for growth in the value of the company and all its affiliated assets.

The text of the smart contract will be published upon completion of the Private Sale round #3. The possibility of buying and further selling tokens is also implemented in the personal account of the MTHUB client.