FINTOREX

First Advanced
Crypto Exchange

BE A
PART OF
FINANCIAL
EVOLUTION

Trust Transparency Security

FINTOREX First Advanced
Crypto Exchange

INTRODUCTION

Overview of main features
of Fintorex trading platform
and exchange

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CRYPTO FACTS

We are fortunate to live in a fast paced global environment where we can contemplate the inception and implications of cryptocurrencies. Here are some of the rapid developments this blockchain technology has undergone since its birth

2009

Inception of cryptocurrency market

2018

Capitalisation of cryptocurrency market > 400 billion. With more than 1300 of different cryptocurrencies and it is still growing at a phenomenal rate

2021

Cryptocurrency market capitalisation will reach at least 4 trillion by year 2021

WHAT DO WE DO

Rise of cryptocurrencies boosted rapid growth of cryptocurrency exchanges. The most popular and largest crypto exchanges provide mediocre trading experience and services which do not fully satisfy traders, sophisticated investors, hedge funds and financial advisors.

Fintorex exchange platform brings cutting edge trading technologies and professional financial solutions to the cryptocurrency trading world. It was designed by experts with more than   years of e   perience in finance, trading, and banking.

FINTOREX

is a fusion of cutting-edge financial market technologies and crypto assets

PLATFORM CAPABILITIES

Highly functional and technologically advanced cryptocurrency exchange platform.

4 **Trading algorithm friendly API**

WebSocket, Rest, FIX

2 **Ultra-Fast order matching algorithm**

5 **Variety of order types**

limit, market, stop limit, iceberg, hidden, TWAP

1 **Highly customizable**

web-based trading terminal developed by traders for traders

6 **Transparent commissions**

3 **Vast range of trading instruments**

9 Investment platform

Portfolio, crypto fund and structured products investment platform

10 Advanced back office

Analytics and Reporting functional

7 Marketplaces

Spot cryptocurrency market, Margin lending & Margin trading, Derivative market, Crypto bonds market

12 Quick compliance

KYC and AML client procession

11 Liquidity aggregation

from other crypto exchanges

13 Interaction functional

for money managers and investors

8 Fast client onboarding

Step by step hassle-free registration and verification process

14 New crypto assets listing

FINTOREX First Advanced
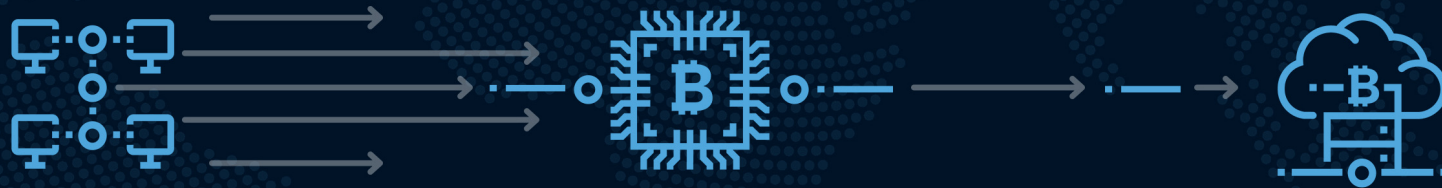Crypto Exchange

LIQUIDITY PROVIDERS

Liquidity aggregation module is a proprietary instrument that provides liquidity to Fintorex from major cryptocurrency exchanges

Liquidity Aggregation

Fintorex is integrated with major liquidity providers and cryptocurrency exchanges

Liquidity Module

ensures deep liquidity for a variety of cryptocurrency pairs on Fintorex trading platform

Matching Engine

The aggregated order book and order routing enable fast execution of large volumes

CRYPTO ASSETS

CRYPTO ASSET LISTING FRAMEWORK

The crypto assets listing framework provides guidelines for fitness of new cryptocurrencies with Fintorex principles and values. In addition, strict KYC and AML procedures are in use for determining the integrity of new crypto asset.

AUTOMATION OF CRYPTO ASSETS LISTING

Fintorex back office includes a separate module which handles new crypto asset listing. It includes general information about a new asset as well as specific settings for quick configuration of a trading engine.

THE EXCHANGE SYSTEM CAPACITY

We use latest technologies and best practices to build highly capable low latency order matching system

~ 80 us

~ 65 us

~ 12 us

Order Management

Risk Management

Matching Engine

~ 25 us

Trading System Latency

Average Order latency in the trading system.

~ 200 us

Average message round trip system latency

~ 120 000

Average number of messages per second

~ 80 000

Average number of order matches per second

SECURITY

Security technologies and principles that are used in our platform

- HTTPS. certificate for secure client-server connection between client and server

- Static & dynamic salt. static and dynamic keys for verification of the request

- CAPTCHA for authorization

- Two-factor authentication by dynamic password from the application or SMS

- Limit on the number of requests per second / minute / 15 minutes / hour protection from DDoS attacks

- Cold storage

- Data replication and backup

- Validation of input data

- VPN connection between servers (if there is a need, since AWS networks are already protected)

EXCHANGE CONNECTION AND MARKET DATA DISSEMINATION

Fintorex provides API interfaces for connectivity, real-time trades and market data

PRIVATE API	WEBSOCKET	REST API
Send order	✓	✓
Cancel order	✓	✓
Order modify	✓	✓
List of active order	✓	✓
Current Balance	✓	✓
PUBLIC API		
Order book	✓	✓
Trades	✓	✓
Historical trades	✓	✓

ORDER TYPES

Fintorex provides a large variety of order types for an effective implementation of trading strategies

1 **Market order**

A market order is a buy or sell order which is executed at current market prices if there are buyers or sellers who are willing to fill it. Market orders are used when the price is not a priority and there is need to get an execution.

2 **Stop**

A stop order, also known as a stop-loss order, is an order to buy or sell when price reaches a specified level. Once the stop order has been triggered, it turns into a market order, which is filled at the best possible price.

3 **Trailing Stop**

Trailing stop is stop order that can be set at distance from price which is nominated either in percentages or asset amount. This type of order is designed to protect gains by keeping stop order at specified distance from price when it moves in favorable direction.

4 **Limit Order**

A limit order is an order to buy or sell at a specified price or "better. This gives the trader control over the price at which the trade is executed and fees. On the other hand, limit orders might never be filled.

5 **Fill or Kill**

This is a type of limit or market order that must be executed fully, otherwise it will be immediately cancelled. The idea behind fill or kill order is to make sure that the order receives specified or best market price without partial execution.
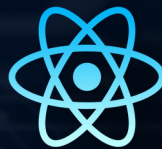
6 **Stop Limit Order**

Stop limit order is an order that allows to place limit order if certain price level is triggered. It requires to set two price points. First is a trigger price, which allows to activate limit order. Second is limit order price.

TECHNO LOGIES WE USE

Effectiveness,
Speed, Reliability

REACT.JS

- Render speed
- React is a mainstream technology for front-end development

NODE.JS

- Scalable architecture
- Native WebSockets
- Server-side rendering
- Easy to implementing with front

WEBSOCKETS

- Real-time data feed
- Fastest transport protocol
- Resource friendly

MONGO DB

- Scalable architecture
- Native WebSockets
- Server-side rendering
- Easy to implement with front

SQL

- Reliability
- Processing Large amounts of data
- Long-established standard

C++

- High performance

- The fastest language for math calculation native

- Cross-platform

- Multi-threading

- Most of low latency systems are written on C++

REACT NATIVE

- Easy to migrate from React. s to ross-platform App

- Native iOS/Android components

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TRADING TERMINAL

Description of trading platform features and functional
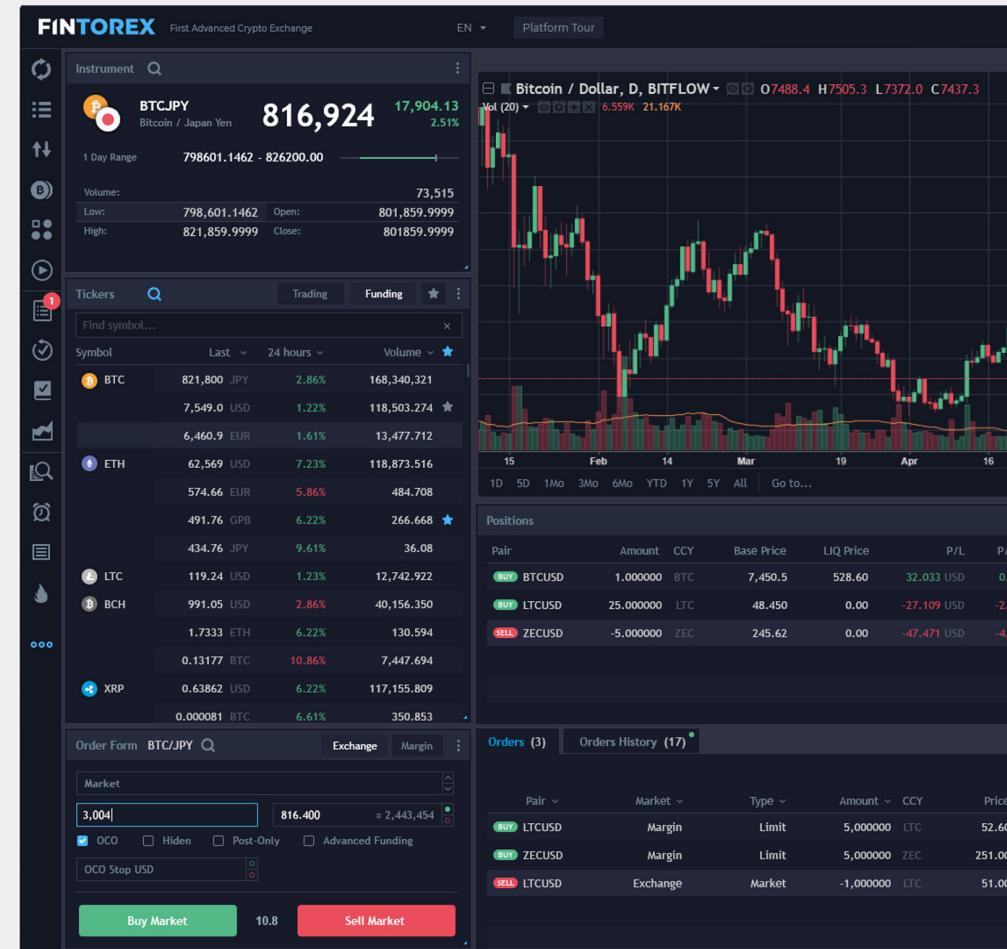
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TRADING TERMINAL

TERMINAL OVERVIEW

Highly customizable trading terminal with advanced option of multi-screen design view that meets expectations, even of the most demanding traders

TRADING TERMINAL

MAIN FEATURES

- Ergonomic Layout Design

- Scalable and adjustable elements of the platform

- User templates

- Multi-Screen view

- Advanced setting and customization

ERGONOMIC LAYOUT DESIGN

Ad ustable interface with e ible frames which contain essential trading tools allowing to create comfortable yet functional trading terminal

Main Bar

Tools Bar

4 Collumn Board

1. Toolbar for quick access to main elements and settings of the platform
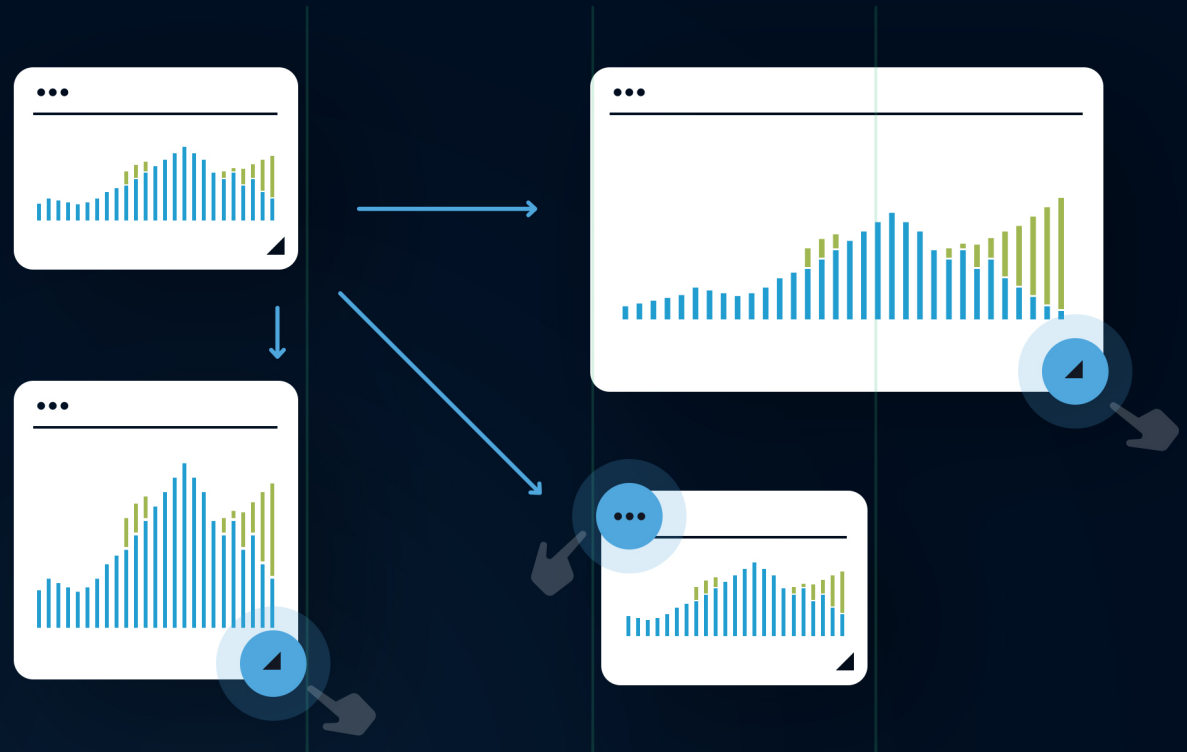
2. Navigation bar with access to personal cabinets and reports

3. The trading terminal grid structure allows users to create highly personalized layouts

TRADING TERMINAL

SCALABLE FRAMES

A large number of options for customization of the trading terminal interface

Drag and drop functional

Resize frames

Height adjustment option

Collapse or close frames

USER TEMPLATES

Create your own trading terminal layout and save it as a custom template for later use

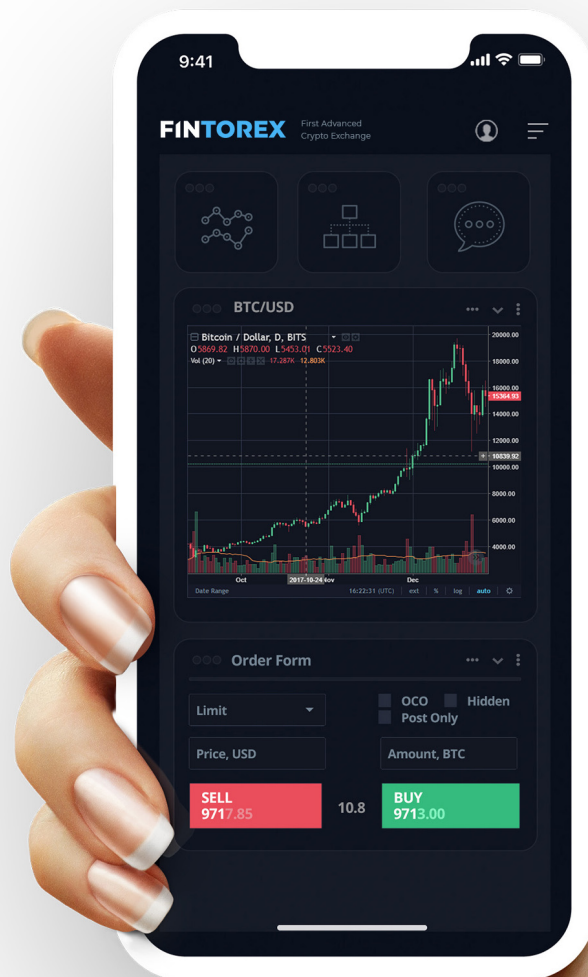Infinite number of template combinations

MOBILE APPLICATION

All essential trading tools at your fingertips on Android and iOS devices

Withdrawal and deposit functional

Initiate withdrawal from your account or make and deposit to your trading account via mobile app

Full trading functional

Fully operational trading platform on you mobile phone

Trade Statistics
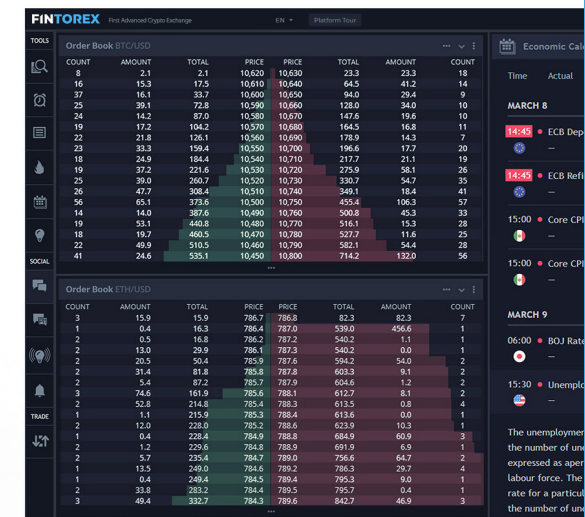
Mobile access to your trade history
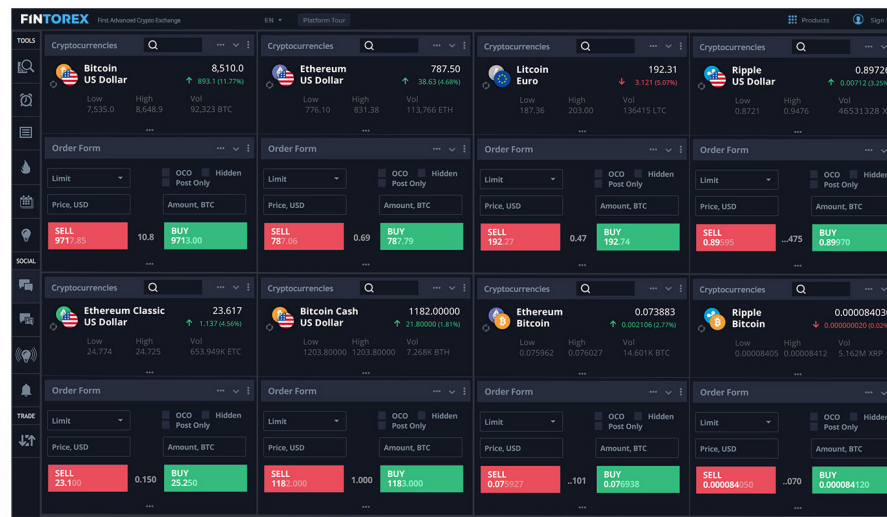
Market news

Stay in tune with market news and events

TRADE LIKE A PRO

Multi-screen trading terminal layout allows to create ergonomic workplace for traders with any level of experience.

Be prepared to take on opportunity.

SOLUTIONS

Fintorex provide professional
tools and high-end solutions
for portfolio and fund
managers as well as traders

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PLATFORM FOR MONEY MANAGERS AND INVESTORS

The platform for money managers and investors (PMI) is a technical solution provided to Fintorex clients that. It allows investors to have their accounts managed by a money manager appointed by them on the basis of a limited trading power of attorney

PMI solution allows money managers to manage simultaneously unlimited quantity of investors' accounts on a single trading account. Managed accounts can be funded in different currencies. Depending on the size of the deposit each managed account has its own ratio in PMI. Total sum of all ratios under one PMI account is always equal to 100%. Money manager's results (trades, Profit & Loss) are automatically allocated between managed accounts according to ratio.

INVESTORS

PMI is a simple, hassle-free method for individuals to find their crypto asset managers for trading. With this platform investors benefit from profits with minimal involvement.

- Access to trading statistics of money manager

- Possibility to set a global stop loss

- Transparent P&L calculation and allocation of reward to money manager

- Option to deactivate trading

- Interactive functional to accept/decline new money manager's account

MONEY MANAGERS

- Possibility to add and/or remove funds and accounts without interrupting trading activity

- Ability to manage unlimited number of multi currency accounts via single trading platform

- Choice of base currency for the trader's platform

- Immediate trade allocation between managed accounts

- Performance fee calculation functional

- Ability to block trading facilities for particular managed accounts

- Interactive functional to accept/decline new money manager's account

INVESTMENT PLATFORM

Supermarket of investment products in cryptocurrency world. Transparent and fair environment for investors and product providers

INVESTORS

Individuals are able to choose from number of investment propositions using built-in dashboard and screening tool. Each investment proposition includes unified parameters such as volatility (beta), past performance over number of periods, sharp rations and many others as well as detailed description of investment product.

In this case investors are able to make an informed decision and compare different investment products as well as build their own portfolio.

PRODUCT PROVIDERS

The platform allows creation of investment products by third parties, individuals as well as organisations, and they can list them on Fintorex investment platform.

The platform supplies environment and tools to users for creating investment products. Product providers are able to use market data and backtest their products within investment platform.

INVESTMENT PRODUCTS TYPES

Fintorex investment platform provides a few categories of investments which can include dozens of products

1

2

Portfolios

Fintorex investment platform provides option for investor to select his/her own portfolio. Investors are able to create their own portfolios from cryptocurrency, crypto funds and other investment products provided on the platform.

Crypto Index

The purpose of crypto index products is to provide a way to track the performance of crypto markets or get exposure to a particular market segment. The historical performance of similar products have consistently beaten the average managed fund on traditional financial markets.

3

Crypto fund

This category of investment products specializes preliminary on ICO tokens and is intended to address the main issues of the current tokenized investment vehicles, such as: lack of diversification, lack of standardization and high risk. This crypto fund category has its own parameters such as investment horizon, amount of investment under management (AUM) similarly to classical closed and open end funds structure, past performance, list of constituencies, type of management (passive, active). However, Crypto fund can include trading strategies, cryptocurrencies and structured products.

4

Structured products

A structured product is a type of product which would include investment strategy based on a single cryptocurrency, a basket of cryptocurrencies, crypto indices, crypto instruments with fixed yield and crypto futures. The variety of products just described is demonstrative of the fact that there is no single, uniform definition of a structured product. They also can include parameters such as expiration day. Due to limited number of crypto asset types, unlike in traditional financial market, this type of products might still be considered as a work in progress.

INVESTMENT PRODUCTS QUALITY CONTROL

Product creators are able to list their investment product on the platform only after a quality check by Fintorex investment team

This offers the opportunity to obtain an in-depth analysis of the inner workings and mechanisms of an investment product.

Generally, this includes assessment of the likelihood of the product achieving its target or fundamental facts that explain the price behavior during the lifetime of the product.

The evaluation can also be extended into the analysis of a particular investment theme or the investment style of a specific investment product provider in order to include additional parameters and ratings for more precise evaluation.

PRODUCT PROVIDERS AND INVESTORS

Fairness and transparency are primary principles for building strong and successful business relationships

Fintorex investment platform takes on a role of mediator to ensure fair and transparent relationships between two parties.

Those principles are enforced by business logic which is in built into the platform.

Investors have option to choose among variety of investment products which have different terms and conditions. It is sole responsibility of investor to understand all the nuances of the investment product and if he/she agrees to them then the platform enforce agreements. The same happens for product provider.

Regulatory framework includes regulations of fee deduction P&L sharing, period of investment and fees for early exit. All fees are deducted automatically from each party. Product providers must reserve certain amount of money which can be nominated in a few different cryptocurrencies.
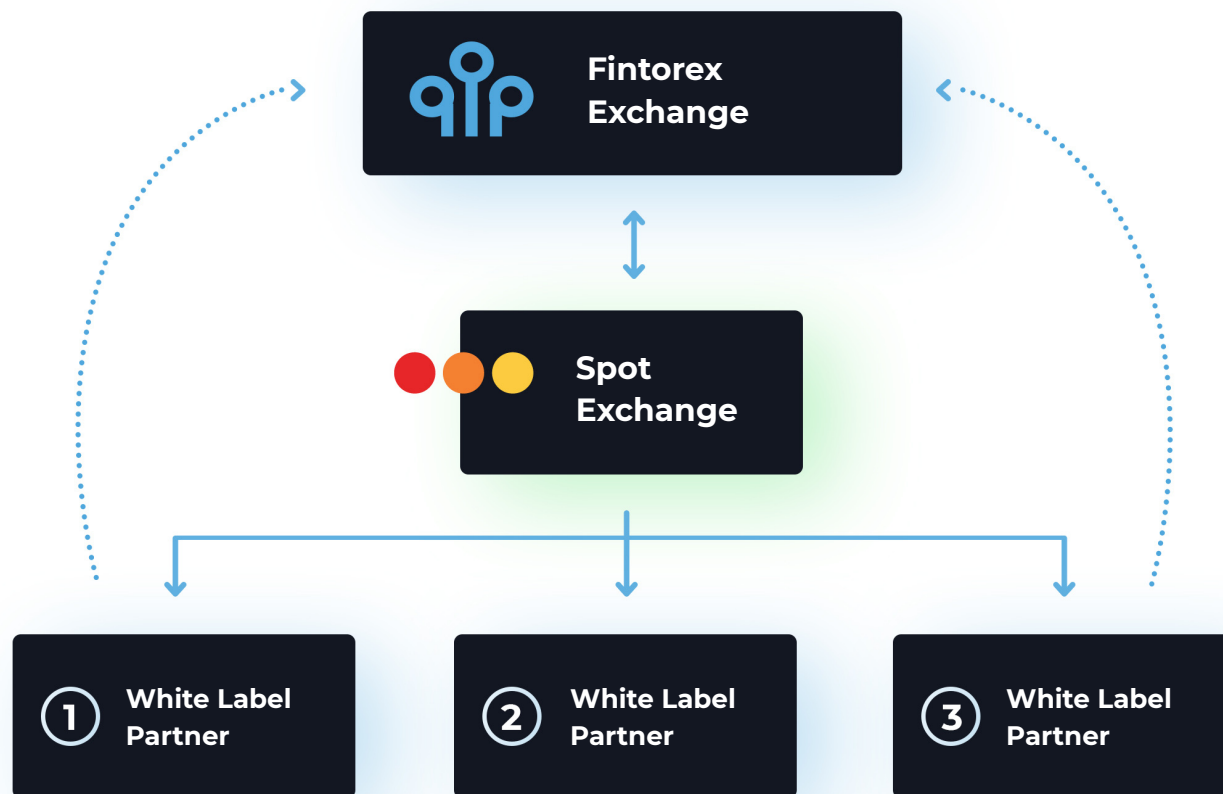
BUSINESS INTRODUCER PROGRAM

The Business Introducer Program is an opportunity for both individuals and companies to clients to Fintorex

WHITE LABEL PROGRAM

Fintorex provide White Label platform for spot cryptocurrency exchanges

Fintorex Exchange

Spot Exchange

① **White Label Partner**

② **White Label Partner**

③ **White Label Partner**

Standart White Label Package include:

① Spot exchange platform

② Cryptocurrency data feed from Fintorex

③ Fintorex Cryptocurrency liquidity

④ Website (Optional)

SERVICES

Fintorex users are able to enjoy world class services that cover most of the needs of modern traders and money managers

MARKET NEWS AND COMMUNICATION CHANNELS

Fintorex provides numerous ways for users to get current information about cryptocurrency markets, internal announcement as well as to communicate with other users or support staff

Market News

Market news channel provides current aggregated news feed from a number of crypto market news sources. Users of the platform are able to read update news which relates to specific cryptocurrency.

Chat

Social Communication channel for users of the platform allows to participate in discussions and create topics of different interests.

Support

The support portal includes answers to the most common questions together with the knowledge base. Direct customer support communication via ticket or instant message.

Blog

Platform blog for official announcements and platform news. Reliable source of information about Fintorex exchange.

NOTIFICATIONS

EVENTS	@	📱	🖥
Deposits and Withdrawals	✓	✓	
Price Level notification		✓	✓
Log in	✓		
Order Placed		✓	✓
Order Filled		✓	✓
Order Canceled		✓	✓
Order Modified		✓	✓
Trade	✓	✓	✓
News	✓	✓	✓
Fintorex Notifications	✓	✓	✓

USER VERIFICATION AND COMPLIANCE

Hassle-free step by step verification

USER VERIFICATION

Video authentication allows Torex significantly speed up process of user verification. Torex Client scoring and assessment algorithm analyses new client profile, social media and external databases for fast and easy onboarding process.

COMPLIANCE

Fintorex compliance is based on rules provided by regulators and follows AML and KYC procedures. Compliance process is designed to make it easy for customers.

WALLETS

Fintorex Offers a number of withdrawal and deposit options to assist our clients around the globe. The process is intuitive, secure and allows users to concentrate on trading rather than funding their accounts.

1.

Simple

Step by step process provides hassle-free experience for funding or withdrawals

2.

Safe & Secure

Fintorex utilises best industry practices which are formalised in our powerful business rules that cover co-signing including rate limits, address whitelists, webhooks, secondary approvals, and more

3.

Deposit & Withdrawal

Multi currency wallet allows to transfer any traded asset on the platform alongside with FIAT currencies such as USD and EUR

CUSTOMER SERVICE

CUSTOMER SERVICE AND SUPPORT

The level of customer service and support that we offer to our clients and industry participants, whether they are individuals, professional traders or established financial institutions, is aimed at helping them to achieve their goals through the best user experience and with an individual approach
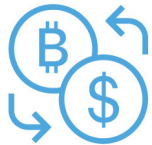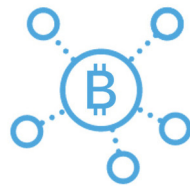
24 / 7

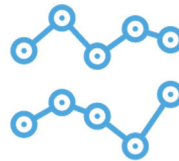We guide our clients every step on the way starting from setting their accounts

MARKETPLACES

Spot Crypto Exchange

Margin Funding
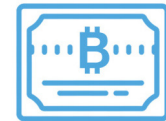
Margin Trading
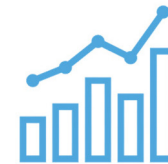
Crypto Derivatives

Crypto Bonds

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PROJECT

Fintorex project time
line and progress

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CURRENT PROGRESS

Project progress provides overview of key milestones
that have been completed

Trading and Matching
engine architecture

3

External
Market data
feed

2

Cryptocurrency
Exchange
Platform

4

Liquidity
aggregation
module

1

Cryptocurrency
wallet
infrastructure

5

TIMELINE

Trading
Terminal beta

1st month

Fully functional
crypto beta
exchange prototype

3rd month

Product
Release 2.0

5th month

2 month

Matching
Engine beta

4th month

Production
crypto alpha
exchange
Release 1.0
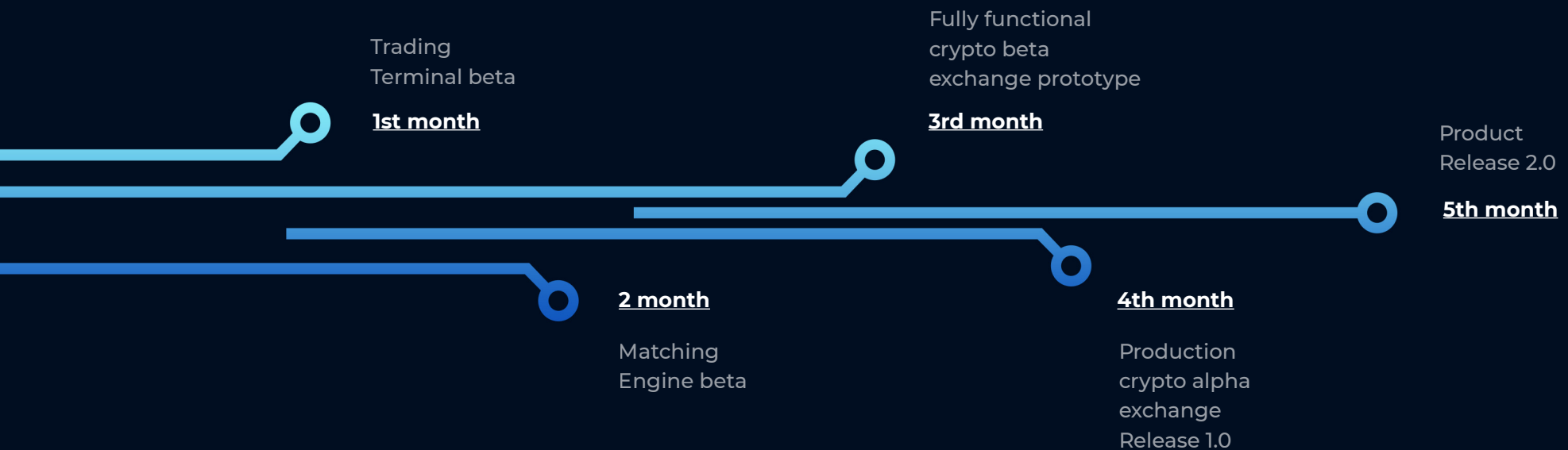
OUR TEAM

PAVEL SYMONENKO
Project Manager

15+ years management experience in banking, Forex and financial industries

VADIM ZHUK
System Architect

Full stack specialist with more than 10 years of experience in application architecture and development for financial institutions

STEPAN VLASIUK
Team Leader

5+ years of development of trading systems and financial platforms for leading financial institutions

RADIK MUKMENOV
Business Analyst

5+ years of experience in stock and Forex trading operations and risk management. Development of automated trading systems

VLAD PALAMARCHUK
Chief Designer

15+ years of experience in product design. 5+ years of UX and UI financial and Forex products

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