

Crypto APIs

The backbone of any Crypto or Blockchain project

[Whitepaper Version 1.6]



Last Update: July 3rd 2019

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What is Crypto APIs?

Imagine having blockchain and crypto companies worth billions and no easy and unified way to use them. This is no longer the case as Crypto APIs is the only API needed to build blockchain and Crypto applications.

Crypto APIs provides developers with the tools they need to create easy and accessible experiences for their users. REST APIs, Web Hooks and Web Sockets for both live and historical data help hundreds of developers to successfully manage their projects.

Our Mission

Crypto APIs is the backbone of any project in a billion dollar blockchain industry. Our mission is to help with the Crypto & Blockchain adoption by giving the community the opportunity to build any idea faster and cheaper.

We build a scalable and developer-friendly infrastructure layer, that gives everyone the ability to create amazing products that solve big problems.

Why us?

In early 2017 when our team saw the need for a sophisticated tool to give investors and issuers confidence and pride, there were already a few products doing this. The reason we created [TokenGet](#) was that we knew we could create a better, more secure product and beat the competition. In October 2017 we already had a fully working product with customers onboarded and from the first review we have created “the Maybach of the issuance platforms”. In early 2018 we had managed to secure 5 customers, while our competitors were at around 30. At the end of 2018, our team had managed to become the biggest issuance platform [with 60+ customers](#) and more than \$350M raised via our software.

There is no better team than us to launch Crypto APIs, since we have already faced all problems and have seen the real need for such a product, we know almost every single company on the market, we have been working with all major blockchains, exchanges and crypto applications. We have always received great feedback from our customers and some of them have already become customers of Crypto APIs. Additionally, we have received support from representatives of 3 major blockchains.

Core Team

A team of entrepreneurs, engineers, business developers, and social scientists. We exist to build cool things that matter. The team consists of members from TokenGet, the biggest issuance platform that has managed to raise more than \$350,000,000.00 and has launched 60+ projects.

[Nashwan Khatib](#) - CEO

Founded TokenGet, one of the biggest ICO/STO issuance platform, achieving \$2.5M in revenue and 60+ customers for 1 year. Master in Computer Science & Technology.

Established a 30+ development team to develop & support one of the most used internal loan softwares in the US. Established and managed a business development department consisting of 15 members speaking 20 languages in charge of 100+ partnership deals monthly.

[Viktor Petrov](#) – COO

Co-founded TokenGet. Managed one of the biggest games companies in Europe with ARR \$14M and 50M users. Experience scaling 3 software companies into multimillion-dollar businesses. Babson College, MA.

[Ognian Marinov](#) - CTO

Software engineer with +15 years' experience in Software & Products Development & Team Leadership. One of the first graduated M102, MongoDB for DBAs with excellent results.

[Beduil DAVIS](#) – Head of Business Development

15+ years' experience in Business Development, Founded List a Token, working with Forbes 500 companies. Masters degree in Business Economics.

[Vehbi Malkoch](#) - Head of Blockchain Engineers

10 years' experience in Software, worked for the biggest mobile operators in Europe.

[Malin Ivanov](#) - Head of Software Engineers

15+ years' experience as Software Developer, worked for different high scaled projects, one of the core team developed an auto transport software solution which has become one of the top auto transport companies in the US, has lead a team developing a software for online identity

verification using OCR, video and image processing and a software for mobile payments (SMS) gateway for top companies in Austria and the UK.

[Dragomir Angelkov](#) - Head of DevOps

15+ years of experience in managing environments with complex network configurations, CISCO CCNA Trainer, organized the whole IT infrastructure and ISO 27001 certification for M&BM Express, a member of Austrian Post Group.

Crypto APIs Main Products

Blockchain as a service (BaaS)

Status

[Live](#)

Supports Bitcoin (test net, main net), Ethereum (ropsten, rinkeby, main net), Litecoin (test net, main net), Bitcoin Cash (test net)

Check the API documentation [here](#).

The problem

- 100+ Public Blockchain protocols and counting, each with its own implementation
- Libraries patches and upgrades are not secure. [Example](#).
- Harder adoption for non Blockchain developers
- Huge servers cost for having the full nodes
- Huge cost for having secure, 100% uptime and synced nodes

The Solution

- 10+ Integrated Blockchain nodes (test & main) and more are coming
- Browse the blockchain (historical data)
- Create & Check wallets, balances, addresses and contracts
- Create transactions & payment forwarding
- Refund & Proof of ownership
- Optimize and manage gas fees
- Get notifications about certain events

- Take care of private keys or leave it to us
- Rest API, WebHooks & Web Sockets

Competitors

[Blockcypher:](#)

Founded 2016, They raised \$3.5M so far from “Streamlined Ventures, Jesse Draper, TriplePoint Capital, Blockchain Capital”. They support BTC mainly.

[Upvest:](#)

Founded 2018, raised an undisclosed amount from “Holtzbrinck-ventures(Lead), Speedinvest”. They have BTC and ETH. It’s mainly for custom clients.

[Tangany:](#)

Founded 2019, raised 150K as pre-seed. It’s mainly for consulting & outsourcing services.

How do you handle Private Keys?

There is a common sentence in the crypto market: “Not your keys – Not your coins”.

Crypto APIs supports 3 ways to manage private keys:

1. Use a wallet already generated by you or that you will generate in a more secure way, sign the transaction on your side and send it to us. This means we will never get the private key.
2. Generate a wallet/address using our API, we will generate both public and private keys and will return them to you. We will NOT save the private key on our side, it’s up to you how you will store it, but in case you lose it there is no way to use any backup! Every time you want us to do something with this wallet you should sign it using your private key and send it signed. In this case you can manage the wallet in any other way as well.
3. Generate a wallet using our API with a password, in this case we encrypt the private key with this password and save it on our side. We use 4 levels for securing the password. In case of hacks or similar, no one can use the private key without your password. When you want to operate with the wallet you need to use the password to be able to decrypt the private key and use it and in case you lose the password you will lose access to the wallet as we save only the encrypted version of the private key. We allow you to download the encrypted private keys at any time.

Payments Forwarding

In case you subscribe a wallet for auto forwarding then we are forced to save the password/private key on our side in order to use it for executing the payment forwarding.

Recommendation:

Payment Forwarding should be used to track received funds into hot wallets and to auto forward funds to cold wallets. It's highly recommended not to use payment forwarding for cold wallets or wallets with a lot of funds in them due to the fact that we save the password/private key on our side, no matter that we use 4 factor verifications.

Crypto Market Data APIs

Status

[Live](#)

Supports Exchange Rates, Quotes, Trades, OHLCV, Candles, etc.

We support Live and Historical data, the data comes from 150+ crypto exchanges.

Check the API documentation [here](#).

The problem

- 250+ crypto exchanges and counting, each with its own API integration and documentation.
- No data consistency in Exchanges APIs & Different types of APIs (Rest, WebSocket, etc.).
- Crypto exchanges data collection & segmentation is a challenge. [Example](#).
- Huge development and servers costs for having 100% uptime and synced live and historical data API updates & changes.

The solution

- Get the most relevant crypto market data collected from 150+ crypto exchanges. We give you access to real time data and up to 5 years historical data.
- Have available data for quotes, trades & order book all in one place.
- Obtain OHLCV (Open, High, Low, Close, Volume) time-series data.
- Real-time data, 24/7 & historical data for Trades & Quotes.
- Precise exchange rates between currency asset pairs.
- Candle/OHLC Data for Currencies & Exchanges.

- Sparkline & Exchange Rate & ATH & Supply Endpoints.
- Gapless Raw Trade Data.
- Order Book Data & Snapshots.
- Cryptocurrencies & Crypto Tokens Information (Exchange Rate, Market Cap, Supply, Historical change).

Competitors

[Coinmarketcap Professional API](#): It's the most famous crypto market data website, their focus is mainly on their website, API is an additional service.

[Coinigy](#): Founded 2014, raised \$500K, it's mainly a trading platform, API is an additional service.

[Nomics](#): Founded 2018, raised \$3M from "CoinBase, Polymath, TokenSoft, Arthur Ventures", they don't have Web Hooks or Web Sockets.

[Messari](#): Founded 2018, raised \$1M from "Kindred Ventures , SparkLabs Global Ventures, Anthemis Group, DHVC (Digital Horizon Capital), Semantic Ventures, Digital Asset Investment Company, Underscore VC, Rising Tide, Blockchain Capital, CoinFund". No historical data.

Exchanges & Wallets Account Management APIs

Status

50+ exchanges are already integrated, the API documentation is still in development.

The problem

250+ crypto exchanges and counting, each with its own API integration and documentation

No data consistency in Exchanges APIs & Different type of APIs (Rest, WebSocket, etc.)

Crypto exchanges data collection & segmentation is a challenge. [Example](#).

Huge development and servers costs for having 100% uptime and synced live and historical data API updates.

The solution

The Account Management API allows a user to manage their account like buy/sell using the API. Instead of writing multiple interfaces for different exchanges, we have developed a unified

Crypto Exchange & Wallet Account Management API, allowing users to use their cryptocurrency exchanges & wallets accounts easily from one single point.

- Effortlessly schedule rebalances so your users can keep a hands off approach to managing their portfolio.
- Gather exchange account data for each of your users, so they can get a complete view of their portfolio.
- Get a balance from Crypto Exchange or Wallet
- Manage transactions in a Crypto Exchange or Wallet
- Automatic Buy & Sell in a Crypto Exchange or Wallet
- Integrate real-time trading, portfolio allocation, and management features all from a unified API.

Competitors

[Shrimpy.io](#): Founded 2018, raised not disclosed amount as pre-seed. Their main focus is the B2C trading product.

[Path.Tech](#): Founded 2019, raised \$500K from Binance Labs. No live product yet.

Use cases of Crypto APIs

Crypto Wallet

To build a Crypto Wallet like [Coinbase](#) you need to integrate and set up all the coins you intend to support. The more coins you integrate , the more developers and servers costs you will have.

Using Crypto APIs, you can start with any of the supported Blockchain protocols at once and rely that Crypto APIs is going to add new Blockchain protocols all the time.

Using Blockchain API, you can generate a hot wallet for each user, get a notification for all wallet events, auto forward the funds to a cold wallet, check the balance, check wallet transactions, etc.

Using Crypto Market Data API, you can get cryptocurrencies and FIAT current rates.

In case you are worried about security and private keys please check [1.6. How do you handle Private Keys?](#)

Crypto Trading Platform

To build a trading platform like [3commas](#) or [Cryptohopper](#) you need to integrate top exchanges, the bigger the exchanges are, the more users you can attract.

Using Exchanges & Wallets Account Management you can get access to 50+ exchanges immediately.

Using Crypto Market Data API, you can get cryptocurrencies and FIAT current rates, quotes, trades, etc.

Blockchain Explorer

The main benefits of Blockchain are: Confidentiality, Verifiability and Auditability.

To achieve that, users should be able to easily check what is happening on a blockchain node without the need to set up their own nodes, store huge amount of data in local databases etc.

That's why every Blockchain starts with at least one explorer , which is a website or mobile application showing all the data on the blockchain (nodes, blocks, transactions, etc.).

Building a Blockchain Explorer like [Blockcypher](#), [Blockchain](#) or [Blockexplorer.one](#) is much easier with Crypto APIs because we have all the needed data and ready endpoints. We went as far as building a ready responsive and open source Block Explorer which supports all Blockchain protocols supported by Crypto APIs, for more information check the Ecosystem section.

Crypto Payment Service Provider (PSP)

To build a solution like [Coingate](#), all you need is Crypto APIs.

Using Blockchain API you will be able to generate dedicated temporary wallets (end user wallets), get notifications when they receive any funds, move a certain amount of funds to your wallet (commission) and the other amount to a different wallet (your client's wallet).

In addition you can get Cryptocurrencies and FIAT rates.

Market Making & Liquidity Management

Doing a market making or liquidity management requires access to all the exchanges you would like to support, you need to get all the quotes and trades rapidly without any interruptions.

You can use Crypto Market API Data to get quotes, trades and many more statistics in real-time as well as historical. You can also use Exchanges and Wallets Account Management APIs to check a balance, create a quote, place an order etc.

Crypto Exchange

Building a crypto exchange is not an easy task. To build a reliable, secure and stable crypto exchange you need to invest a lot of time and money.

By using Crypto APIs you could save time and huge development cost. Go-to-market will be much faster.

In case you are worried about security and private keys, Please check [1.6. How do you handle Private Keys?](#)

Arbitrage Software

In economics and finance, arbitrage is the practice of taking advantage of an exchange rate difference between two or more markets: striking a combination of matching deals that capitalize upon the imbalance, the profit being the difference between the market rates.

Currently there are more than 250 exchanges & wallets and having the possibility to monitor all of them, check for positive opportunities and take advantage of them, can indeed be a really profitable business.

Crypto APIs has already prepared both a REST API to get historical opportunities and Web Socket for live opportunities.

By using the Arbitrage Web Socket and Exchanges & Wallets Account Management APIs, building arbitrage software has never been easier and faster.

Prediction Software

A prediction or forecast is a statement about a future event. A prediction is often, but not always, based upon experience or knowledge.

To be able to try predicting the rate of any cryptocurrency, you need to have all historical data and analyze it.

Crypto APIs will provide you with all needed data to do that.

You can use our Exchanges & Wallets Account Management APIs to execute orders in your different accounts based on the predicted rate.

Crypto/Blockchain Signals

You can subscribe to any type of signals for both Blockchain protocols and Crypto Exchanges. For example, if any funds are moved from a specific wallet you will be notified, if someone places an order with specific parameters you will be notified, and so on.

Signals are very important for crypto traders. In the beginning of April 2019 an increase in the BTC price happened because of 3 main reasons, 2 of which could have been known in advance using Crypto APIs. Check the 2nd and 3rd point in [this article](#).

Another example of how Signals can be used, is to write a program that automatically sends out an email, SMS, or a Tweet whenever there's a certain pattern of incoming Crypto or Blockchain events.

Crypto/Blockchain Statistics & Analysis

Clive Humby said "Data is the new oil" and if you want to show any Crypto/Blockchain Statistics or prepare any Crypto/Blockchain analysis you will always need as much real data as possible.

Building a code and infrastructure to collect data is a really slow and costly process. More importantly, you will be able to start collecting this data only from the moment you are live and stable.

Crypto APIs has already collected all the data you need and provides it in JSON, CSV, etc.

Crypto AML Solution

To build a Crypto AML Solution like [Coinfirm](#) or [Chainalysis](#), you need to be able to go back and fetch previous transactions, to know the source of funds and to define a score for a given address.

Using Blockchain API, you can go up as many levels as you need and check for suspicious addresses.

Crypto KYC Solution

As you may know, there are a few countries working on regulations for the Crypto market, most of them obligate providers to identify the owner of a crypto wallet.

Providers which are looking to know who the owner of a given wallet is, have only one technical way, which is to ask the wallet's owner to transfer a certain amount of Crypto to a dedicated temporary wallet and, once it's received, to refund it. It's how PayPal and Coinbase verify a user's credit card or bank account.

Using Blockchain API, a developer only needs a few hours to integrate the required endpoints. Your KYC solution will support all cryptocurrencies supported by Crypto APIs.

Gas Fees Management

You can use Crypto APIs to build a product like [ETH Gas Station](#) or to use all the features they have.

Check gas price, calculate a price, get a prediction or let Crypto APIs choose the best gas fee for you.

Crypto APIs now supports Ethereum and will soon support all others Blockchain protocols which support smart contracts and have fees.

DApps Management

You can deploy a smart contract using Crypto APIs. Moreover, you can fetch all the details about it.

Building a product like [DappRadar](#) has never been easier with Crypto APIs, as you can get all live and historical details like Users, Transactions, Volume, etc.

ICO/STO Solutions

To build any tokenization platform, you need the relevant Blockchain protocols, temporary wallets for receiving funds, issue and send tokens by calling a smart contract, Cryptocurrencies & FIAT rates, live transactions on blockchain, etc.

Crypto APIs in Numbers

Some numbers from our live product:

Current Live End Points: 350+

Markets: 6000+

Blockchain Protocols: 10+

Integrated Exchanges: 150+

Storage: 100 TB+

Microservices: 200+

Lines of Code: 100K+

Market data updates: 4500+ per sec.

Trades: 1K+ trades per second on average

Quotes: 3K+ quotes per second on average

Security

- Every private key and User Account API key is securely encrypted and stored using FIPS 140-2 validated hardware security modules (HSMs).
- Regular automated backups in 2 geographically independent data centers.
- Strict control and documentation of access rights.

- All endpoints are accessible only through https.
- DDoS mitigation techniques.
- Strict firewall policy and network access control.

Health Check & Scalability

- [Kubernetes](#) orchestration for scalability & load balancing.
- Health Check and automatic recovery.
- Databases Replication on different physical hardware.
- Workload isolation of resources.

Monitoring & Alerts

- Constant monitoring of servers, services, Memory, CPU , HDD space.
- Constant monitoring of CPU, Memory, etc. per service (container).
- Alerts on events such as HDD capacity, Memory and CPU usage.
- Email, Slack and SMS integration for emergency events.
- Update the community using our [Status](#) page.

Crypto APIs Main Benefits

- Save development and DevOps cost
- Server storage space saving
- Security patches & upgrades
- Real time & on-demand information
- Reduce your application dependencies and libraries
- Total market data in one place
- SDK in your programming language

Libraries

- [Java](#) (Official)
- [Node.js](#) (Official)

- .NET (C#): [GitHub](#) (Community)
- PHP: Q3 2019
- Ruby: Q3 2019
- Python: Q4 2019
- Go: Q4 2019

Product Monetization

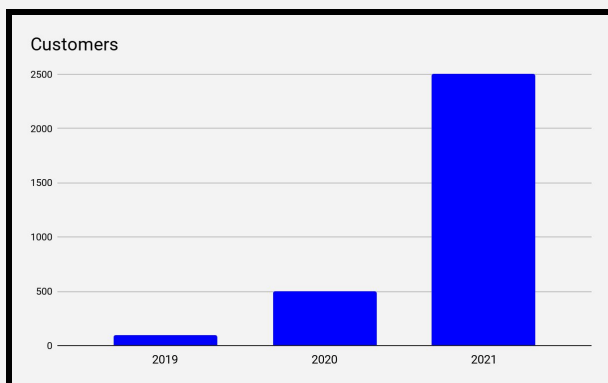
- Monthly/Yearly Subscription: all plans come with a 7-day trial. Upgrade or change your plan at anytime.
- Custom Plan: In addition to the standard service, we can do any custom APIs.
- [Ecosystem](#): We are going to develop few B2C products based on Crypto APIs stable infrastructure.

Financials

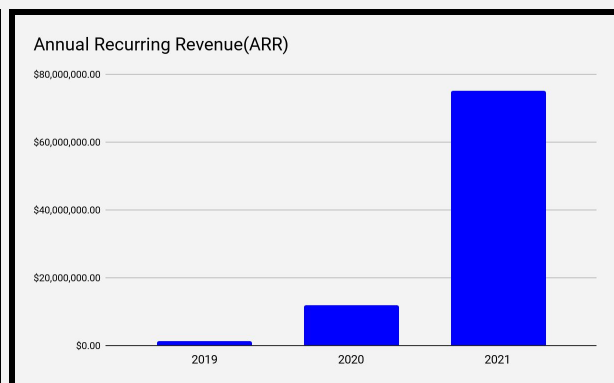
In the first months of existence in 2019, Crypto APIs managed to secure a Monthly Recurring Revenue(MRR) of almost \$5000.00.

Crypto APIs is expected to close 2019 with 100+ customers that will generate an Annual Recurring Revenue (ARR) of \$1,200,000.00, which makes on average \$1000.00 revenue per month per customer. In 2020 Crypto APIs is expected to have 500+ customers which will be doing an ARR of \$12,000,000.00, which makes on average \$2000.00 per customer per month. In 2021 Crypto APIs will be doing an ARR of \$75,000,000.00 and plans to serve at least 2.5k+ customers, which makes on average \$2500.00 revenue per month per customer.

Customers growth



ARR growth



Current Customers

[Catallaxy](#)

Technical expertise of the best core Blockchain talent and the strategic consulting power of Raymond Chabot Grant Thornton.

[Cryptovest](#)

One of top Crypto news portals.

[Phoneum](#)

Mobile Cloud Miner, a simplified user experience and platform that enables all users, regardless of technical aptitude, to fully participate in the new cryptocurrency economy.

[BETR](#)

BETR is revolutionising the world of sports betting.

[TokenDaq](#)

TokenDaq is a B2B platform & liquidity provider so that crypto exchanges & wallets can offer their users interest on crypto on a white-label basis via our API.

[CryptoBrowser](#)

Crypto and Blockchain news and market data portal with a few thousands users.

Crypto APIs Ecosystem

Crypto APIs team has already developed several projects, some of which are open source, others are totally free to show the strength of Crypto APIs. Our team is going to develop more such projects.

Block Explorer One

Status: [Live](#)

The idea of Block Explorer One is to have one Block Explorer for top Blockchain protocols. It's open source. It can be customized and integrated easily in any project. It's using Crypto APIs to show data from all supported Blockchain protocols both test and main nets.

Kryptonize

Status: [Live](#)

It's a 0% commission Crypto Payments Provider easy to use even by non-tech people. Simple one-click transfer process with a Chrome extension, like MetaMask for Ethereum, but for all supported Blockchain protocols with additional special features for the e-commerce & arbitrage business.

Crypto Invoice

Status: [Live](#)

It's a free cryptocurrency invoicing platform, Users can create invoices, send them to be paid, get notifications when they are paid and see statistics which ones are due, paid, partially paid and over paid invoices.

Market Data Website

Status: Started

It's an open source web page showing live cryptocurrencies exchange rates, exchanges quotes & trades, Arbitrage opportunities, etc.

The product is based on Crypto APIs WebSockets and React Native.

Market Data Mobile Application

Status: Planned

It's an open source mobile application showing live cryptocurrencies exchange rate, exchanges quotes & trades, Arbitrage opportunities, etc.

The product is based on Crypto APIs WebSockets and React Native.

Wordpress Plugins

Status: Planned

Most of crypto websites use Wordpress, it will be good to activate a plugin and get the market data or a block explorer on your website.

Twitter Bot

Status: Planned

Twitter has 300M+ users, in addition Crypto community love it. We believe that the community will love to get as much as possible data directly in their Twitter feed.

Telegram Bot

Status: Planned

Telegram has 100M+ active users, Crypto community use Telegram mainly for messaging. Telegram allows developers to build really cool and robust bots. We believe that the market needs a Crypto & Blockchain reliable telegram bot.

Google Home

Status: Planned

We think that it's essential to stay updated with what is going on in the Crypto Market. That's why we will build a free Google Home Action to give as much as possible data.

Imagine that you can just say "Give me the current rate of Bitcoin" and you will get the latest exchange rate immediately.

Roadmap

Phase 1 (May 2018 - July 2018)

- Project Conceptualisation.
- Identifying Pain Points.
- Research and Validation.
- Technical Research.

Phase 2 (July 2018 - September 2018)

- First line of code written.
- The scale of the project is planned.
- 50 Exchanges were integrated.
- Bitcoin is integrated, synced and filled what is needed in a database.

Phase 3 (September 2018 - November 2018)

- Ethereum is integrated, synced and filled what is needed in a database.
- Additional 50 Exchanges were integrated makes total of 100.
- Servers Set up.
- Security & Health Checks.

Phase 4 (November 2018 - January 2019)

- Main corporate website is released.
- Bitcoin Cash & Litecoin are integrated, synced and filled what is needed in a database.
- Additional 50 Exchanges were integrated makes total of 150.
- Monitoring & Alerts.
- [Node.js Client Library](#)
- [Block Explorer One](#)

Phase 5 (January 2019 - March 2019)

- Official release of Crypto APIs in beta.
- Several customers are onboarded including [Grant Thornton](#).
- Additional monitoring tools for exchanges.
- Scalability & High Availability.
- [Java Client Library](#).
- Arbitrage Opportunities.
- Web Socket for Quotes & Trades.
- [Kryptonize](#)

Phase 6 (March 2019 - June 2019)

- API Token Sale & IEO Events.
- EOS & Stellar Integration, sync and fill what is needed in a database.
- Onboard more customers including famous brands.
- Web Socket for Arbitrage Opportunities.
- .NET (C#) Library.

Phase 7 (June 2019 - September 2019)

- Ripple & NEO Integration, sync and fill what is needed in a database.
- Additional 25 Exchanges to be integrated makes total of 175.
- PHP & Ruby Libraries.
- B2C Blockchain & Crypto Market Signals (Email, SMS, etc.)
- Market Data Website (Open Source).
- Exchanges & Wallets Account Management APIs.
- White Label Market Data API For Crypto Exchanges.
- Candles & Historical Order Book.

Phase 8 (September 2019 - December 2019)

- Dash & Monero Integration, sync and fill what is needed in a database.
- Hyperledger fabric integration.
- Python & Go Libraries.
- WordPress Plugins.
- Additional 25 Exchanges to be integrated makes a total of 200.

Phase 9 (January 2020 - March 2020)

- Cardano & IOTA Integration, sync and fill what is needed in a database.
- R3 Corda integration.
- Market Data Android & iOS Applications (Open Source).
- Branded Widgets (additional source of revenue).
- SOC 2 compliance certification.

Phase 10 (March 2020 - June 2020)

- Tezos & NEM Integration, sync and fill what is needed in a database.

- Twitter Bot.
- Additional features based on community and customers feedback.
- DApps Management (additional source of revenue).
- Additional Services.

Phase 11 (June 2020 - September 2020)

- Zcash & Ontology Integration, sync and fill what is needed in a database.
- Telegram Bot.
- Additional features based on community and customers feedback.
- DApps Management (additional source of revenue).
- Additional Services

Phase 12 (September 2020 - December 2020)

- Qtum & Lisk Integration, sync and fill what is needed in a database.
- Google Home Action with support for android watches, TVs, etc.
- Additional features based on community and customers feedback.
- DApps Management (additional source of revenue).
- Additional Services.

The API Token

Crypto APIs will mint an ERC20 token with ticker "API" to serve as a utility token in Crypto APIs, the token will be divisible to 8 decimal places.

The issuer is Crypto APIs. After generation the API Token is freely transferable and is free of any third party rights, liens or obligations, or any other restriction on the right of transfer.

API Token is designed to be a utility token which functions as the unit of payment and settlement between participants who interact within the ecosystem of Crypto APIs.

API Token does not in any way represent any shareholding, participation, right, title, or interest in the Governing body, the Issuer, its affiliates, or any other company, enterprise or undertaking, nor will API Token entitle token holders to any promise of fees, dividends, revenue, profits or investment returns, and are not intended to constitute securities in any relevant jurisdiction.

Ownership of API Token carries no rights, express or implied, other than that which may be afforded by the Crypto APIs Ecosystem and/or any other third parties who may use such Tokens.

All announcements regarding the token will be made on the website and disseminated through official twitter and telegram channels.

Token Value

At Crypto APIs, we feel it is important that the value of the token is securely anchored to the success of the project. We are fans of the method employed by Binance for their BNB utility token, BNB has seen an increase of value of over 1400% since it was first listed in July 2017.

We believe investors can take confidence from these 3 features:

Pay with API Token and receive up to 50% discount:

This will encourage customers to hold a stock of API Token in their dashboard thereby benefiting from reduced fees. Where the value of the API Token increases, in line with wider adoption and increased usage, the user will see the FIAT value of their API holding increasing, which may encourage them to increase their holding of API Token, holding and using API Token will bolster the value of the API Token. As the project expands and gains more customers it is expected that API Token holdings will increase.

When customers use API Token for payments, they will receive a significant discount:

1st year: 50%
2nd year: 25%
3rd year: 12.5%
4th year: 6.75%
5th year: no discount

Stake API to get access to premium features

Staking is when you freeze tokens for a set amount of time. During this time, those tokens

can't be used or withdrawn until the staking period is complete. A customer can stake certain amounts of API Tokens to receive access to a custom premium feature and enjoy better terms. Staked tokens encourages upward pressure on the token value.

Quarterly API Token burning

Each quarter, 10% of the profits created by the Crypto APIs project will go into burning API Tokens. Burning will be on the Blockchain. We eventually will destroy 50% of all issued tokens leaving only 50% of API Tokens.

This will permanently reduce the total supply of tokens putting upward pressure on the token value. The API Token will become more exclusive with each passing month.

Monthly 10% Liquidity Increase

Each month the Liquidity pool will be increased by 10% of the profits. So for example if one month the profit was \$1m then \$100k would be spent increasing the liquidity pool and \$100k would be spent on token burning.

Token Economy

Crypto APIs is conducting a token offering to upgrade and grow the existing tools offered and enhance the experience for existing and future customers.

The offer will happen in two events and 3 phases:

- 1/ A Private Sale for professional buyers.
- 2/ A Pre Sale solely for early Crypto APIs supporters and customers.
- 3/ A Main Sale for the broader community.

The Price of an API Token is \$ 0.30 USD (all currency totals are in USD). Sale tokens comprise 25% of the total token supply.

Private & Pre-Sale

Our Pre-Sale will be open to professional buyers and key individuals that we feel will be a strategic fit for the Crypto APIs Ecosystem.

This select group of individuals and organizations will be chosen based on their ability to help build the Crypto APIs Ecosystem, and/or who will make a strong long-term commitment to the development of the entire ecosystem.

To incentivize early participation of such persons and organisations:

Pre-Sale tokens will have a bonus up to 40%.

Main Sale

We seek buyers who have a high commitment and motivation to advancing blockchain technology, applications, use cases, and who can create added-value when expanding the Crypto APIs Ecosystem.

We aspire to bring together a large and diverse group of buyers and participants from around the world who want to work closely with us to build the most powerful blockchain developer platform for building, scaling, and monetizing next-generation businesses.

We have restricted our token sale to professional and non-accredited buyers who are willing to adhere to limits on their purchases and accept our risk acknowledgment agreements.

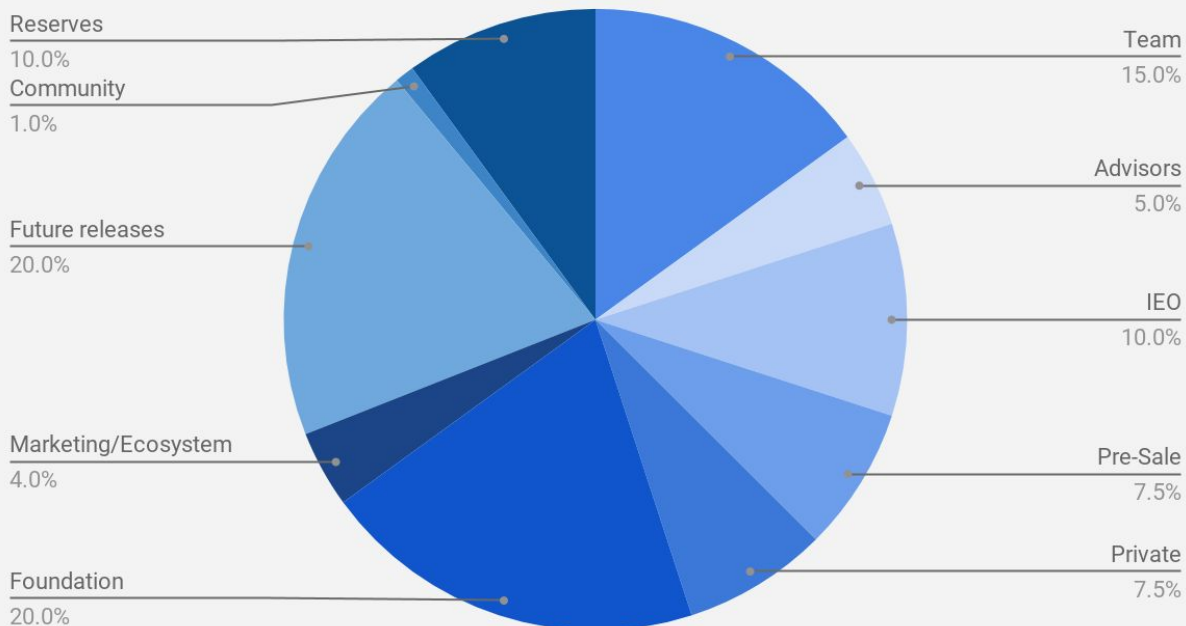
Token Allocation

The Crypto APIs Token (API) will be distributed to the following participating groups.

Total Token Supply : 200,000,000 (200 Million Tokens)

Token Allocation Across Participating Groups

Token Allocation



TOKENS	VESTING
Team	3 years
Advisors	1 year
Launchpad Sale	0 years
Seed	1 year
Private	1 year
Foundation	1 year
Marketing/Ecosystem	0 years
Future releases	1 year
Community	0 years
Reserves	2 years

Compliance

Since the Crypto APIs Ecosystem is in constant development and is not yet fully live, our offering is being conducted using a Token Sale Agreement, and an ERC-20 Smart Contract Token Registry, which will be released 30 days after the IEO and subject to the restrictions in each purchasing phase.

The Token Sale Agreement is a legal agreement between two parties, where one party (the API Token Contributor) purchases tokens for use on the Crypto APIs which is currently live.

The ERC-20 Smart Contract Registry helps us to make this process easy and transparent for token buyers.

Regulation

As yet, there are no official international token sale standards. Nonetheless, in structuring our token sale we have taken a long-term view with regards to the best interests of the Crypto APIs Ecosystem and the broader community at large.

Accordingly, we have structured our sale based on the principles of transparency, frank disclosure and fairness, including adequate and fair disclosure of relevant information.

Due to legal and regulatory uncertainty in the United States of America, citizens, residents and/or green card holders and persons residing in the United States of America are prohibited from making contributions to Crypto APIs and participating in the Token Sale.

If you have further questions, please review the answers to the most frequently asked questions about our token economics, or join us in our [telegram group](#) to reach the members of Crypto APIs directly.

Use of Funds

- Product Development: 50%
- Marketing: 25%
- Sales: 25%

Publications

- Cryptovest: <https://cryptovest.com/news/crypto-apis-and-mena-software-facilitate-blockchain-and-exchange-data-interoperability/>
- CryptoBrowser: <https://cryptobrowser.io/news/top-10-apis-dks-for-blockchain-application-crypto-solutions-or-dapp-development/>

Social Channels

- Twitter: <https://twitter.com/cryptoapis>
- Facebook: <https://www.facebook.com/Cryptoapis.io/>
- LinkedIn: <https://www.linkedin.com/company/18861487>
- Reddit: <https://bitcointalk.org/index.php?topic=5056347.new#new>
- Telegram: <https://t.me/CryptoAPIs>
- GitHub: <https://github.com/Crypto-APIs>
- npmjs: <https://www.npmjs.com/package/cryptoapis.io>

- Postman: <https://app.getpostman.com/run-collection/f414b104ff5bb84d1fca>