



DApps and protocol development

Continuous Software Delivery.

Approach and team

AREAS OF EXPERTISE

ProtoFire can be **your strategic partner** in addressing the challenges related to **protocol adoption and ecosystems growth acceleration**.



DApps & Protocols

Complete development life cycle, from ideation, prototyping, MVP to deployment and maintenance.

Strong skills in Node, React, web3, Mobile (iOS, Android)



Smart contracts

Smart contracts development & Audit (Peer review assessment of architecture; independent security review token generation event smart contracts).



Automation in the Cloud

Create images to run the network nodes locally / production grade deployment to most popular cloud providers

One-click-deploy tools

Network monitor. Dashboard. Notifications
Performance testing and benchmarking



Developer tools

We provide hands-on coding and contributions supercharging developer adoption and network usage (SDKs, APIs, Protocols/platform starters projects, Web/mobile app components, Bots)

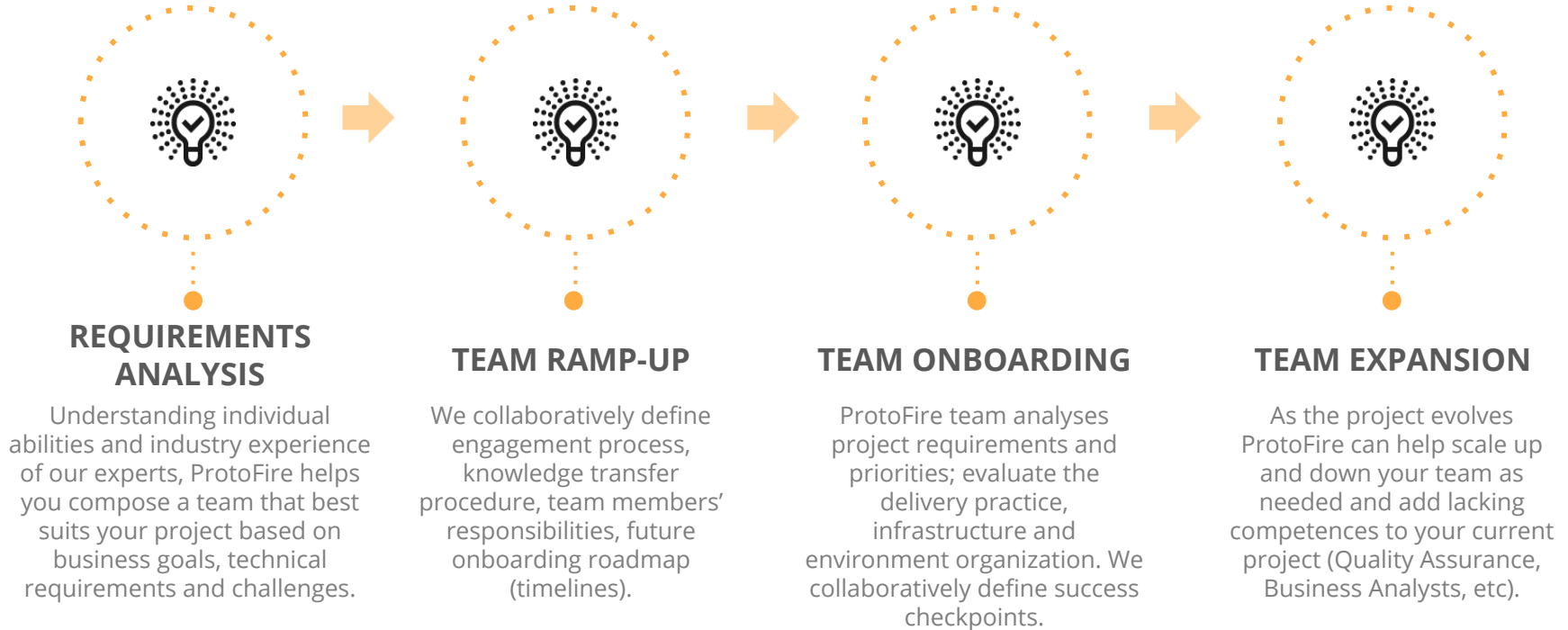


Integrations

Trusted data feeds (oracles)
dApps seamlessly integration to other dApps and protocols
Stable Coins

TEAM ONBOARDING PLAN: **FAST AND AGILE**

In order to have a productive onboarding, we propose the following steps:



SERVICE DELIVERY APPROACH

Full transparency, full visibility

- **SECURITY.** The IP rights belong to the customer.
- **KNOWLEDGE TRANSFER.** ProtoFire can assign one or several team members who come to the client's location for knowledge transfer, requirements/specification gathering, planning/initial designing and further execution of the project.
- **COMMUNICATION.** We understand that communication is a crucial factor when building distributed teams. Customer can communicate with all team member directly (Skype, Slack, Telegram), at the same time having a dedicated PM on-demand on ProtoFire side who will be responsible for overseeing team's performance.
- **VISIBILITY & TRANSPARENCY.** To provide maximum visibility ProtoFire would immediately provide access to any code produced; suggest setting up regular demo/status meetings to finalize every iteration and utilizing project management tools at Customer's choice (Waffle.io, Trello, GitHub issues, etc)

STATUS REPORTING: INDIVIDUAL COMMUNICATION PLAN



Weekly/Daily Progress Calls

The team has a **weekly/daily status calls** to sync up on the current project status, discuss progress, risks, blocking issues, and plan for the next week.



Weekly Status Reports

These reports show the previous week's accomplishments, list the work items completed and outline the key tasks for the week ahead. A review of newly identified project issues, as well as issues that have changes in their status, is also included into the status reports.



Weekly Timesheet Reports (Time & Materials)

The team members send **detailed timesheet reports** that contain the following information: Name, Task, Time Spent.



Daily Email/Call Status Updates

These reports are sent/conducted during critical stages of the project.

OUR CUSTOMERS

 MAKER
GNOSIS 0x ARAGON POA bZx
Margin. Decentralized.

OUR CUSTOMERS



Maker is comprised of a stablecoin, collateral loans, and decentralized governance.

Our team is involved in building a completely new solution to bring insurance to Collateral Debt Positions owners so they don't get liquidated and penalized with a fee of 13%.

The project was started with a simple mission - to make MakerDAO ecosystem safer to use. To accomplish the mission, the project aims to provide safety nets in the form of hard guarantees to existing and prospective users of Maker



[Aragon](#) DAO is an administrative platform for decentralized organizations built on Ethereum. Aragon is creating a whole stack of decentralized technologies that power governance mechanisms underlying decentralized autonomous corporations or (DACs).

Protofire is working on the development of the official Aragon DAO Payroll dApp. The Aragon application will allow users to incorporate new employees (integrated with the identity and finance apps), request and pre-authorize payments in different tokens, as well as view all the payroll information, including historic payments, balance and statistics.

The DAO members/employees can manage and expect their payments to arrive on time, error-free, and containing the expected tokens (multiple currencies)

OUR CUSTOMERS



Gnosis builds new market mechanisms to enable the distribution of resources — from assets to incentives, and information to ideas.

The DutchX is a decentralized trading protocol invented, designed, and built by Gnosis that all developers are invited to build on. It's a set of smart contracts and a backbone structure for both interfaces and integrations utilizing the protocol.

Our team participated on the development of key components of the DutchX stack.



POA Network is an open Ethereum sidechain with Proof of Authority consensus, reached by independent validators.

Our team helps POA Network to extend their suite of [DApps](#), which cumulates Token Wizard, Identity DAapps (Proof of Physical Address + Proof of Bank Account), the unique production ready cross-chain [Token Bridge](#), an open source block explorer (<https://blockscout.com>), among others. Also contributed to automate the deployment of new networks resembling "POA Network". More information on Protofire's contribution can be found in [this 'Humans of POA' review](#).

OUR CUSTOMERS

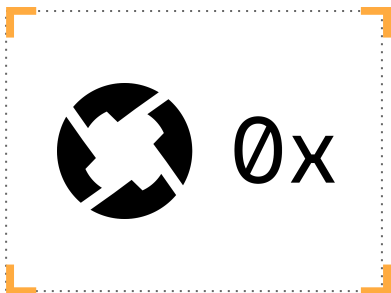


[GoodDollar](#) is a 100% not-for-profit project nurturing an ecosystem of academics, NGOs, ethical investors, crypto supporters, and anyone who cares about reducing inequality. GoodDollar's mission is to build a new, global, open-source cryptocurrency—called GoodDollar—to distribute money, using the principles of universal basic income.

Protofire helped GoodDollar to create a crypto wallet that provides users with GoodDollar tokens daily if compared to any other digital token wallets. Users can access tokens without passing a test or fulfilling a work requirement, regardless of their income or employment status.

As a first step, our team of DApps and UI/UX engineers implemented an end-to-end proof of concept with a basic wireframe-style design, allowing GoodDollar to test functionality flows and gather early feedback from the community members. Featuring face recognition, a fully redesigned and extended version was built on top, receiving and claiming G\$ (GoodDollars) in a straightforward and user-friendly way, as well as delivering a frictionless blockchain experience.

OUR CUSTOMERS



[0x](#) is an open protocol that provides an infrastructure to enable the decentralized exchange of assets on the Ethereum blockchain. The 0x protocol employs off-chain transaction relay with on-chain settlement via its Ethereum-based smart contract pipeline. The ZRX token functions as a governance token that enables ecosystem stakeholders to coordinate upgrades to the protocol.

Protofire and the 0x team are working on a reference implementation called the 0x Launch Kit. The Kit includes a simple, extensible 0x relayer codebase that can be forked or used as reference material to create your own marketplace.

The Protofire team has been working on the front-end project architecture definition and its implementation, finding out the best alternatives to user experience challenges, putting special focus on simplicity and ease of usage for newcomers.



[bZx](#) is the first fully decentralized, peer-to-peer margin funding and trading protocol built on Ethereum and integrated with the 0x protocol. It is the first decentralized margin lending protocol on the Ethereum mainnet. bZx is not itself an exchange, but a protocol that can be integrated into the current exchange infrastructure.

Protofire is working closely with bZx development team on both back-end and front-end sides of the project. Our team is helping to develop the integration of Augur with bZx smart contracts that facilitate on-chain margin lending, as well as opening, monitoring, and liquidation of token trades. Protofire introduced a widget for quick integration of margin trading backed by bZx into any website.

We also contributed to code quality by increasing smart contracts test coverage and incorporating linting into the development process, as well as migrated the development process to monorepo. In addition, our team devoted a lot of efforts to the project's documentation.

OUR CUSTOMERS



Colu Technologies Ltd. is a Tel Aviv-based blockchain startup which developed an open source technology protocol based on blockchain technology that allows for direct exchanges of digital cash.

Our team helped Colu by auditing Smart contracts for their ICO and platform. We helped them to raise \$9.6m funds so they could start working on their roadmap.

We are currently helping deploy and run their POA Network based sidechain and develop the Colu Network dApp to manage communities.



Etherisc, a Germany-based startup with a goal to build decentralized insurance applications, while making the purchase and sale of insurance more efficient, enabling lower operational costs, increasing transparency of insurance compared to traditional operations, and democratizing access to reinsurance investments.

Our team helped Etherisc to build [the Flight Delay DApp](#), the first decentralized insurance application that automates the process of issuing policies and allows for getting instant pay out in case of a flight delay or cancellation.

ProtoFire has implemented a simple **oracle for FDD Dapp** (for test purposes) which does:

- Get client generated events from the contract
- Verify flightstats data using the data from the event
- Send a confirm transaction to the contract if the data is confirmed

OUR CUSTOMERS



TOTLE

Aggregating the liquidity of the leading decentralized exchanges, [Totle](#) is an platform for trading ERC-20 tokens.

The company developed a crypto portfolio management tool and decentralized trading platform. Protofire implemented AirSwapDEX handler with 100% test coverage of new functionality. We also added AirSwap and migrated the component from local to live network

Reference to public presence:

Twitter: <https://twitter.com/totlecrypto?lang=en>

Blog: <https://medium.com/totle>

YouTube Intro: <https://www.youtube.com/watch?v=jlxEZpLQONY>

Channel: <https://www.youtube.com/channel/UCmZXxwQxyAfc9Wlzt33mIA>



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For Business With Us.



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<https://github.com/ProtoFire>