

## Business Domain

Finance, Payments and POS

## Project Type

Platform with Web Application and Mobile clients

# Development of a Next Generation Trading Platform and Digital Wallet, Supporting Fiat and Cryptocurrencies, in 12 Months

## Client

The Client is an innovative international investment and financial institution that revolutionized the technology of content delivery in all forms and on all platforms. It specializes in streaming, entertainment, and security systems.

## Project

The development of a trading platform, digital wallet, and exchange solution for web and mobile.

## Objective

The Client had the innovative idea of creating a new cryptocurrency that users could buy, sell, transfer, and exchange, and use as payment for various services. The Client wanted the trading platform to have voucher and gift card exchange functionality.

## Team Reinforcement

The Client is not an IT company. They relied fully on Intetics' expertise. An Offshore Dedicated Team® (ODT) model was chosen for the project. The ODT was in charge of the development cycle, design, product management, testing and implementation.

# Challenge

The Client is an investment and financial institution aiming to create its own cryptocurrency that should become widely adopted, alongside a wallet with exchange features.

While the Client, being a financial institution, was proficient in banking and worked with currencies, the company required professional help in IT projects and software development.

The Client didn't attempt to build its own development team. They realized that a trusted, professional, and reliable technological partner was a better choice. The ODT was provided only with the project concept and basic functionality requirements.

## Quick Facts

- ✓ In less than 12 month the solution was implemented
- ✓ The system and its flows were developed 100% from scratch
- ✓ The ODT was in charge of the whole process, from development to implementation

### Technologies

React / ASP.NET Core / Entity Framework / HTML5 / JavaScript / Web API / AWS / SQL / Lambda / Swift / Kotlin

# Solution

## ★ 01

A multi-currency wallet management system that allows seamless buying, selling, and trading of multi-asset cryptocurrencies and FIAT currencies. It's fast, easy, and cheap, thanks to the wallet's accelerated mining.

## ★ 02

The wallet's payment gateway is instantaneous. With one tap, an end-user can make a real-time transfer/exchange of FIAT or crypto currency anywhere, at the best exchange rate, and with no extra fees.

## ★ 03

Security first. The system operates with hybrid-decentralized technology. Using hardware-based isolation, the risk of any fraudulent transaction or intrusions during transactions is reduced, and records of transactions are protected with a secure private key.

## ★ 04

Main elements:

- Transfer – FIAT to Crypto
- Invoicing – holders can send payment request invoices to anyone
- Exchange – fast conversion of one FIAT or crypto currency to another
- NFC Pay

## ★ 05

The Intetics' ODT became the main driving force behind the project. The Client was impressed by the speed and professionalism.



## Client Reference



*The Intetics team has been supporting us from idea to production. It was an impressive journey, and we have a bunch of projects allocated for the team.*

**CEO and Founder**

## Benefits and Results

- ★ The Client got a Wallet - a next generation payment and trading system with the innovative edge of also being a crypto management platform.
- ★ Wallet design and system implementation was recognized by the community as the most user-friendly solution of the year.
- ★ Cashless transactions and transparency are some of the most imperative features of the wallet, where most of the crypto market's complicated concerns have been addressed.
- ★ The project was implemented within 12 months, 3 months faster than planned.

### Techstack:

React, ASP.NET Core, Entity Framework,  
HTML5, JavaScript, Web API, AWS, SQL,  
Lambda, Swift, Kotlin

### Team: 17

1 Project Manager,  
1 System Analysts,  
2 Team Leads,  
7 C# Developers,  
4 JavaScript Developers,  
iOS and Android  
developers.