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Everyday Banking, Powered by Digital Assets

Crypto-linked cards, e-commerce and direct Visa settlement

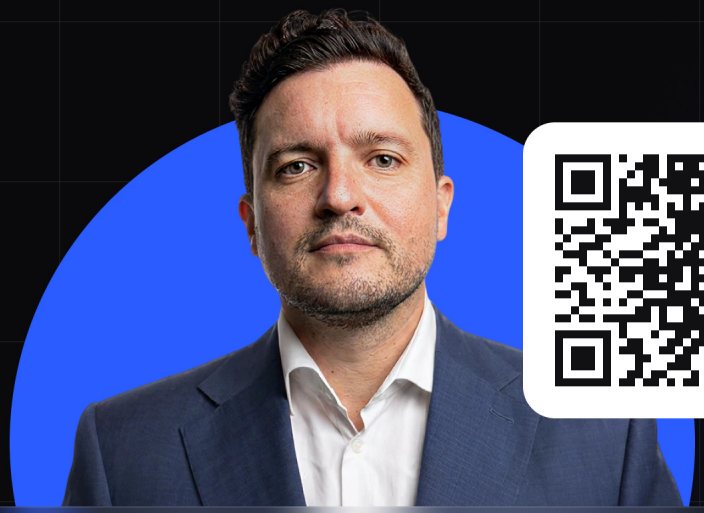


Roman Tretyakov

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- Digital Ruble Platform
- Banking Operations Platform
- Bank of Russia Payment System

- Unified Payment Gateway
- Cross-Border Payments Factory
- Payment Services Centralization

- Direct International Settlement
- Instant-Issue Cards
- International Payments and QR Payments Abroad
- ATM and Card-Issuing Kiosk

Problem

The Challenge

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Everyday spending

Separate steps between wallet funds and bank payments



Customer onboarding

A fragmented journey to order, collect and activate a card



International settlement

1–10 business days to receive settlement funds after the final settlement amount is determined

Solution

One Banking Ecosystem

Crypto wallet funds for everyday banking

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Cards and contactless payments
HUMO, Visa and Mastercard, Apple Pay

E-commerce
Online purchases using wallet funds

Cash-in / Cash-out
Cash deposits and withdrawals

Crypto acquiring
Payments for goods and services

Partner wallet platform · Octobank processing

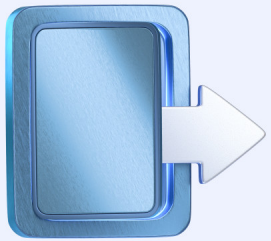


Solution

A Remote Customer Journey

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Without visiting a bank branch



01

Identity verification



02

Card application



03

Virtual card or physical card order



04

Physical card collection at a kiosk



05

In-app activation

40,000
human-hours

Implementation

Processing and APIs · Reconciliation and monitoring · Accounting and operational support · Regulatory alignment

Solution

E-commerce and Crypto Acquiring

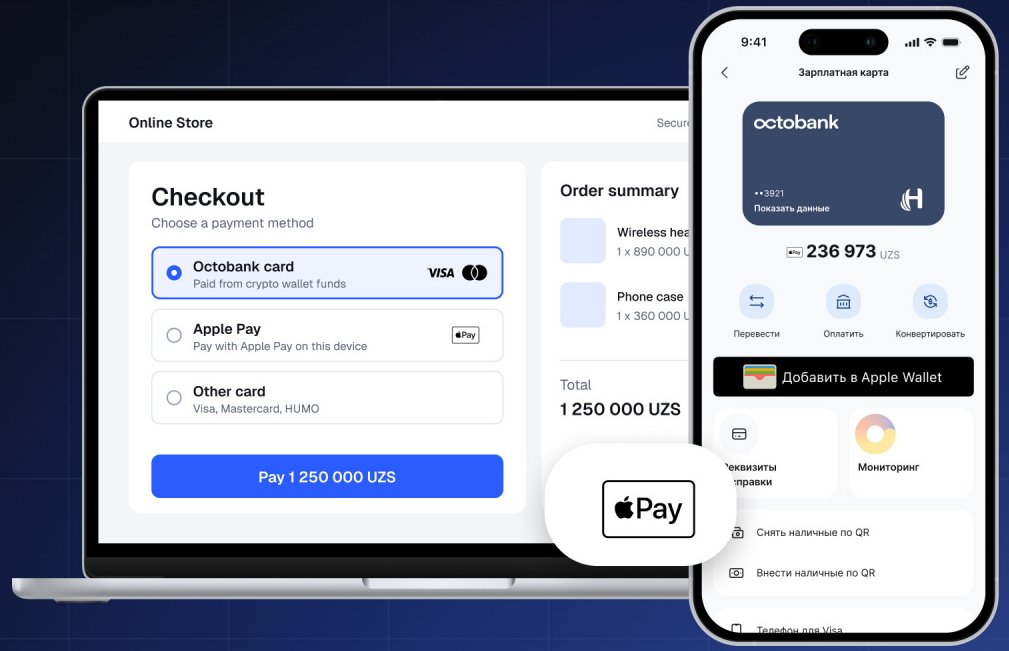
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For individuals

- Online purchases with wallet funds
- Funds are checked during card authorization
- No prior transfer to a separate bank account
- Apple Pay

For businesses

- Accept payments using crypto assets
- Crypto acquiring for goods and services



Result

Direct Settlement with an International Payment Network

1–10 business days →

15–20 minutes

Average receipt time after the final settlement amount is determined

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More than

100 000 000 $

Received during the reporting period

Same-day receipt: more responsive liquidity management



Result

Project Results and Uniqueness

Implemented in Uzbekistan

01 Everyday banking with digital assets

Cards, e-commerce, cash services and crypto acquiring, Apple Pay

02 Direct International Settlement

Same-day receipt of funds
and more responsive liquidity management

03 First in Uzbekistan

A suite of banking products powered by crypto assets

International crypto-linked card payments worldwide

Where the respective payment networks are accepted



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