

# EMTECH +



HAITIANS BUILDING SOLUTIONS TOGETHER

# CBDC

CENTRAL BANK DIGITAL CURRENCY

# PROOF OF CONCEPT SHOWCASE

## A Modern and Compliant Payment Rail With CBDC

With EMTECH, HaitiPay is proving how fintechs can use Central Bank Digital Currency, CBDC, to offer low cost and inclusive digital finance to all Haitians.

### The Problem

HaitiPay previously relied only on traditional rails to provide payment services and managing complexed banking operations to service the unbanked and the Haitian diaspora.

### The Solution

With EMTECH's CBDC API services, HaitiPay, as a licensed CBDC distributor, can easily onboard unbanked users with CBDC wallets and various payments services such as person to person transfers, crossborder remittances, aid donations and bill payments.

### Results with HaitiPay

HaitiPay reports the following results:

**30 seconds**

Using EMTECH's APIs, HaitiPay can set up consumers wallets in 30 seconds

**3.5 seconds**

Using EMTECH's APIs HaitiPay settled a transaction via Hedera Public Ledger in 3.5 seconds

**.04 watts/hr**

The transaction consumed a fraction of what it takes cash, card or bank transaction

**"In joining forces with HaitiPay, we aim to show how a digital cash infrastructure enables the central bank to integrate much more easily with regulated fintechs to power the digital and inclusive economy."**

**Carmelle Cadet**  
CEO of EMTECH

## Additional Areas of Value

With real time settlement using a distributed ledger technology, Hedera network, funds become available to recipient within seconds, thereby potentially increasing liquidity in the economy.

Crossborder with Stablecoins and Aid Distribution.

Based on a scalable API architecture, EMTECH's CBDC can be accessible to Haitians around the world, via various 3rd party apps, subject to local regulation.

EMTECH's CBDC uses the Hedera Distributed Ledger that is securely maintained by trusted global, Fortune 500 companies such as IBM and Google to ensure trusted recording of transactions on the ledger.

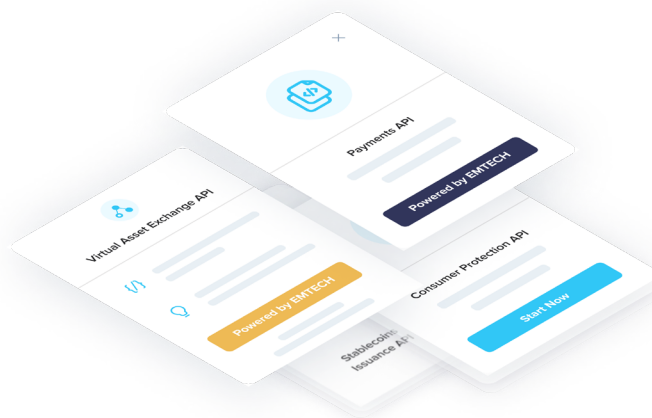
With each transaction recorded on the ledger, HaitiPay and the central bank can identify and transparently vet any violations. This allows HaitiPay to meet international standards for AML compliance. Digitizing national identification systems can add tremendously value for KYC.

## CBDC Platform + APIs

HaitiPay leverages CBDC APIs to manage wallet creations and transaction processing with CBDC. They also extend payment services via a suite of API services for bill pay and merchant payments

“With our API enabled platform, we develop a new baseline ecosystem in Haiti, where security and traceability of transactions are building trust and unlocking value for Haiti's young population.”

**Georges Andy René**  
CEO of HaitiPay



## Leveraging Cashin / Cash Out

EMTECH's CBDC is built to integrate into local fintechs and agents to reach banked and unbanked. With HaitiPay's app an unbanked user can use the established agents to convert from paper cash to digital cash (CBDC).