BitMint presents New Money reality:

MΦney®
BitMint

Simplicity Rediscovered

A pragmatic approach for Digital Currency,
tested and ready for practical exploitation

CBDC should not rely on unproven premises of complexity theory.
There is too much at stake.

BitMint achieves the goals of CBDC on a foundation of quantum physics
and simple math, resilient against fraud and abuse.

https://www.bitmintcash.com/

A secure and trusted Financial Alphabet is needed

We have to face reality: Unforeseen Vulnerabilities lurk in mathematical / computational complexity. Bad actors exploit them against us.

This leaflet gives a glimpse into how BitMint's Financial Alphabet (*AlFi*) can provide a foundation for central banks as they take on their digital transformation initiatives.

We claim that national digital currency should not be based on the current premises of complexity theory, because they come without proof of integrity.

All the leading proposals for CBDC are based on "One Way Functions". These functions are trusted because no one yet published a way to crack them. This does not imply that they have been cracked in secret, and it definitely does not guarantee that a future mathematician will not discredit the entire national financial ecosystem.

Blockchain, Ethereum etc. will work only as long as:

(i) computers are not much faster than today, and
(ii) mathematical insight is not more advanced than today.

BitMint, by contrast, relies on quantum randomness, and on nano-technology to insure a *lasting* foundation for national digital money.

Latest development and achievements in deploying quantum randomness enable us to build a national digital currency that is based on the ultimate quantum physics theory, instead of computational complexity.

BitMint is taking quantum physics theory and AI to the next level, for building a horizontal sustainable infrastructure for all money and financial purposes.

Quantum Randomness replaces computational/ algorithmic complexity.

It represents the most profound level of scientific knowledge – a most fitting foundation for the emerging digital money with all its global implications.

BitMint

We create trust where no trust exists!

Robust technologies underlying the Foundation of BitMint's digital Currency

BitMint's new Alphabet serves also as the foundation of the emerging digital money technology, useful for legacy money, and the full canvass of financial instruments: cash, credit, debit, investment, etc. This Financial Alphabet prevents fraud and misuse and offers quantum-safe transmission.

26 granted patents

With the proposed infrastructure you don't need to care how smart are your adversaries, or how strong will be future computers

BitMint digital money was developed as a candidate for a unified global digital money platform, which offers frictionless, secure, versatile payment of untethered and tethered money, humanly paid, IoT paid, or AI paid and stored. It has built-in flexibility for controlled anonymity and disengagement-ready integration.

BitMint's Digital Coins Established on Quantum Randomness,
which represents the most profound level of scientific knowledge
– a most fitting foundation for the emerging digital money
with all its global implications.

RANDOMNESS

Replacing Rigidity and Complexity with Randomness and Simplicity

BitMint approach is great on

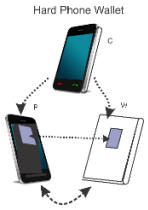
privacy and great on resilience.

It works also when you are offline

BitMint developed

Quantum-Resistant Hard Wallet

To enable Durable No-Internet
Payment Solution for
Small and Large sums



Identity-bearing digital money (e.g., BitMint) can be paid in a private transaction between payer and payee without reliance on network authentication.

Payment issued from **a Hard Wallet** can be taken in by a second Hard Wallet, which will further pay to a third Hard Wallet, creating a payment ecology of digital money for long periods, without the benefit of a communication network.

The security of the wallet is based on Quantum Randomness that is expressed in the chemical composition of the wallet. So, it is not digital, that can be hacked.

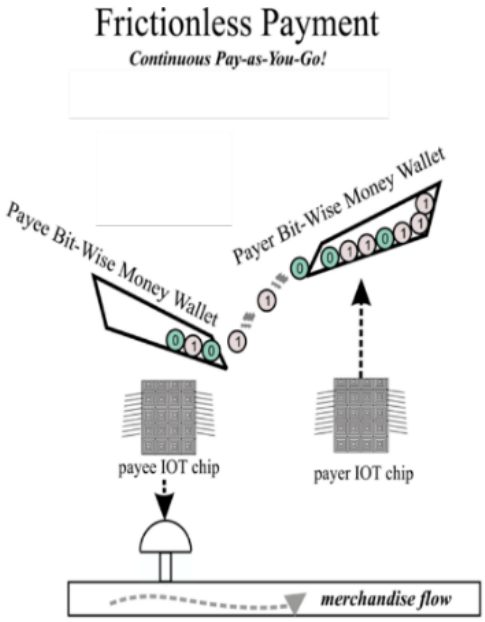
We are looking for partners that can exploit this technology and manufacture the Digital Hard Wallet to enable offline payments when Internet is jammed.

The Elsevier Academic Press book "Tethered Money - managing digital money transactions", written by our scientific leader, Professor Gideon Samid, elaborates on the possibilities of a cyber-currency that incorporates value and identity as one, and allows digital cash transfer even without Internet connection.

2.5 BILLION
ADULTS WITHOUT
A BANK ACCOUNT

Source: The World Bank

BitMint Money will foster
Financial Inclusion
of unbanked or underbanked people
with no smart-phones
or with no Internet connection.



BitMint enables Real time frictionless automatic Trade finance in any resolution

BitMint offers automation, Machine-to-Machine Payments, which yield efficiency gains in networked value chains, and cost savings.

BitMint enables payment functionality in any resolution, including continuous payments in the networking of more and more connected terminal devices (Internet of Things, IoT).

BitMint offers the unique capability to handle **real time continuous payments** per time or supply (such as: billing of customer-specific consumables or services, real time payment per petrol service stations, telecommunications and mobility services, kwh in EV charging, etc.).

BitMint enables controlling the number of digital coins in circulation (optional)

This is possible as long as the CBDC is issued and redeemed by the central bank's Mint (and/or a designated delegate), and as long as it is an identity-bearing coin with meta data (Tethered-Money). In this case, it may fuse terms of use to the coin itself (as well as to any split of the coin), expiration date, purpose, positive or negative value, etc.

A digital coin may be cryptographically 'fused' with pre defined terms of payment, preventing misuse, holding off corruption, frustrating fraud.

BitMint offers Fair and Efficient Taxation

Taxation and funding of governments must be evasion-resistant. BitMint's CBDC enables fair and efficient taxation.

Governments can tax CBDC money (if well-designed) in strict proportion to wealth, even without identifying the tax payer, as an add-on, or as a simplifying replacement for income tax.

This is optional for every government to decide. However, the taxation option should not be an after-thought when designing a new long-lasting digital money framework. Efficient and fair taxation should, and can be, a prime design feature.

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The New Face of money

BitMint's Financial Alphabet takes into consideration that launching central banks' digital currencies means more responsibility for central banks, and it requires the best possible design with greater accountability.

BitMint's new Financial Alphabet provides mechanisms to substantially lessen the impact on the central banks' balance sheet, including tethering capabilities, setting negative value to coins, an option for a flexible two-tier architecture, coexisting with commercial banks and private payments providers. These mechanisms, together with other relevant control tools, enable keeping monetary stability, as well as fostering climate change goals and social justice, without jeopardizing users' privacy. It would support a well-integrated payments sector to respond to new payment needs.

We conducted a practical testing of retail CBDC that completed successful banking stress tests, monitored by a central bank.

It was designed to serve as a universal mean of payment directly from everyone to everyone, everywhere, with no intermediaries.

It confirms the viability of the technologies underlining our solutions, as well as several business models, to enable rapid and smooth deployment of digital coins.

The same protocol enables smooth and efficient interbank and P2P Cross-Border payments.

Superposition Currency is traded as a temporary currency, indeterminate between the payer's currency and the payee's currency.

These digital currencies are splitable at any resolution, and can be traded either with complete chain of custody for each coin, or with perfect anonymity, in each locality according to the prevailing law.

We combine deep technology with social consciousness for powering the future.

BitMint is a technology hub pioneering novel thematic innovation through the methodology of Artificial Intelligence Assisted Innovation (AIAI).

Combining material sciences and computer sciences with financial insight, and recognizing quantum randomness as the cyber oil that powers cyberspace, BitMint is marching on with 26 awarded patents and about three dozen more in the pipeline.

We focus our new technology on the dramatic promise of cyber finance, and secure exchange of value.

Want to learn more?

Contact our experts and let's discuss how we can collaborate
utility@BitMint.com

BitMint
Quantum, Randomness, Paradigm Shift

Underlying Foundation of a National Digital Money System Must Be a Well-guarded Physical Embodiment. BitMint exploits Nanotechnology for Storing data off the digital grid, outside the reach of hackers and intruders.