



Why Wrap Bitcoin



zenBTC

zenBTC is the first wrapped bitcoin to be fully decentralized, self-custodied, and natively yield-bearing: turning idle Bitcoin into productive collateral in a matter of minutes.

By simply holding zenBTC, users earn Bitcoin-denominated yield — directly, transparently, and without intermediaries.

It is a revolutionary wrapped Bitcoin product set to catalyze BTCFI on Solana.

But often when exploring what makes zenBTC unique, a more fundamental question arises:

Why wrap Bitcoin at all?

The answer is simple: **Bitcoin, when unlocked from its rigid base layer (the Bitcoin blockchain), becomes a powerful, productive asset for the onchain economy.**

Bitcoin: Valuable, But Trapped



Bitcoin is the world's most valuable digital asset, with a market cap over \$2 trillion and counting.

But ironically, it's arguably the least usable major asset in the world of decentralized finance (DeFi). **In fact, less than 2% of Bitcoin is used in DeFi today.**

When Bitcoin is stuck on the Bitcoin blockchain, it has limited utility.

It cannot be used for lending, margin, direct token swaps, structured products, or any other financial use case on its own infrastructure.

It's digital gold, locked on rails that cannot support programmability.

Wrapping Bitcoin changes that — not by altering Bitcoin itself, but by transporting Bitcoin from the Bitcoin blockchain to a programmable environment

Why Wrap Bitcoin?

The answer is capital efficiency. Wrapping unlocks Bitcoin as programmable collateral, turning static value into productive capital.

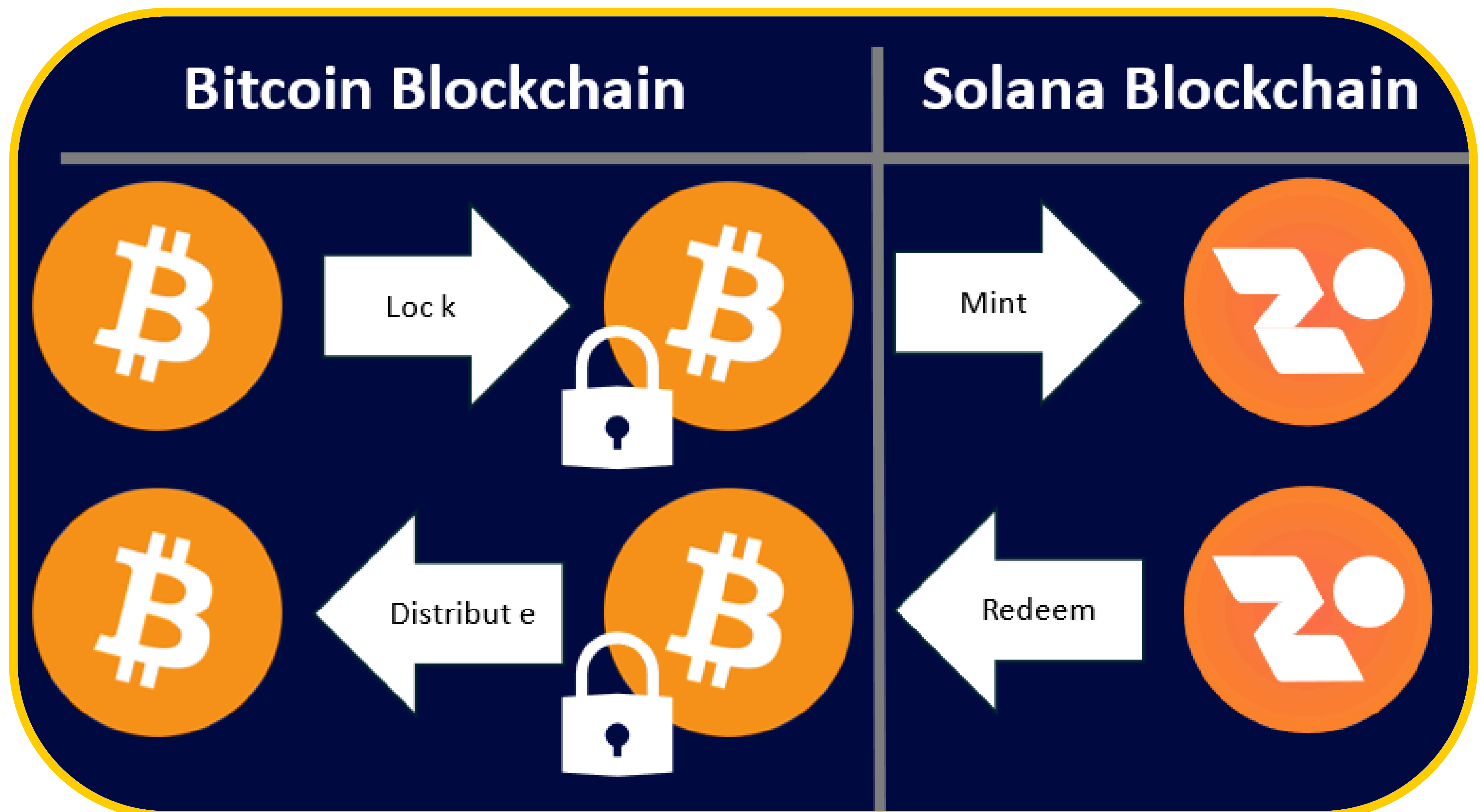
Key benefits include:

- **Collateral and Leverage**
Use Bitcoin to borrow or post margin in DeFi
- **Access to Derivatives**
Use Bitcoin as the underlying asset for derivatives, perpetual futures (perps), structured products, or vaults
- **Token Swaps**
Swap Bitcoin seamlessly and cheaply for millions of other assets within seconds

The result: Bitcoin evolves from a passive store of value to an active financial asset.



How Does Wrapping Bitcoin Work?



Wrapped Bitcoin is a 1:1 digital representation of Bitcoin issued on a smart contract blockchain like Solana or Ethereum. The process works through a simple mechanism: “*lock and mint*”.

Users *lock* their Bitcoin in a secure vault on the Bitcoin blockchain then an equal amount of wrapped Bitcoin is *minted* on another blockchain.

In turn, users can *redeem* wrapped Bitcoin from the issuer and receive an equal amount of Bitcoin on the Bitcoin blockchain.

The wrapping process can be managed by a centralized custodian or a fully permissionless system.

zenBTC’s lock and mint mechanism is the latter: **completely programmatic, decentralized, and trustless: aligning with Bitcoin’s ethos.**

The Problem with Traditional Wrapped Bitcoin

Despite the promise of wrapped Bitcoin, the wrapped Bitcoin market has not scaled. Why?

Because the existing models are flawed:

- Centralized custodians hold the keys
- Smart contract vaults (used by almost all wrapped asset providers) introduce critical points of failure
- Governance is opaque, creating ownership risks

If the vault fails, the IOU of any wrapped Bitcoin becomes worthless.

That is why Zenrock has taken a different, more open and onchain approach — one that is built to scale. No smart contract vaults. No centralized custodian. No single points of failure.





zenBTC: The First DCT



Zenrock introduces a new model: **Decentralized Custody Tokens (DCTs)** — built on Zenrock's custody network powered by distributed multi-party computation (dMPC) and secured by a dedicated layer 1 blockchain, **zrChain**.

Core innovations:

- **No custodians:** Private keys are sharded across a dMPC network. No single party controls them or even has access to them — not even Zenrock.
- **No vaults:** Assets are secured via wallets (EOAs) rather than smart contract based vaults, future-proofing DCTs to upgrades to third-party blockchains.
- **User control:** dMPC preserves self-custody while enabling seamless, secure transfers.

zenBTC is the first DCT — unlocking Bitcoin on Solana with unmatched performance, capital efficiency, and native yield.

Conclusion: Bitcoin's DeFi Future

Bitcoin doesn't need to change — but how we use it does.

Wrapped Bitcoin, and especially zenBTC, enables Bitcoin to participate in the onchain economy without compromising on decentralization or security.

It's the next frontier: **not just to hold Bitcoin, but to use it.**

