

Zk-Snarks for Privacy Sharks

Z-TEXT Publishes Plain-Language Guide to zk-SNARKs as Zero-Knowledge Technology Moves Toward the Mainstream

SHERIDAN, WY, UNITED STATES, June 17, 2026 /EINPresswire.com/ -- SHERIDAN, Wyo. — Z-TEXT, a privacy-focused messaging application built on the BitcoinZ blockchain, has published a plain-language educational guide explaining [zk-SNARKs](#), the zero-knowledge cryptography that secures its platform. Rather than promoting a product, Z-TEXT is releasing the explainer to help the general public understand a technology that Ethereum co-founder Vitalik Buterin has called one of the most important cryptographic advances of the last decade. Z-TEXT is among the precursors bringing zk-SNARKs to private conversation.



Quote: 1 - ZK is zero leaks. 2 - SSSS is Save your Secrets. That is the whole technology in two lines."

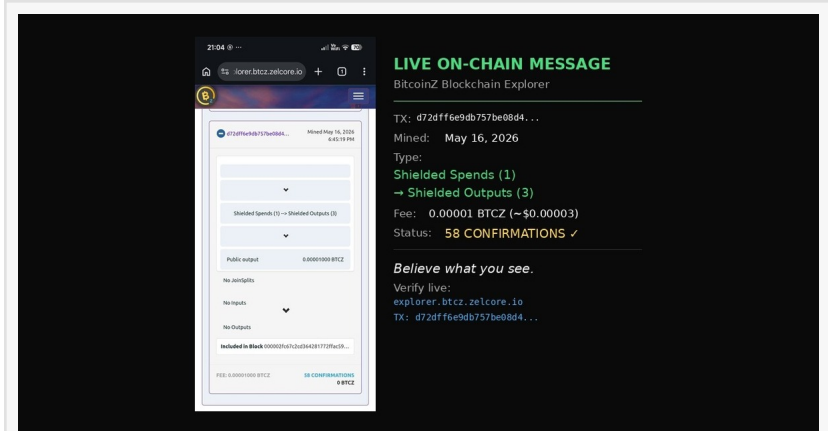
Author: Eric Pierrot, Founder of Z-TEXT

"Privacy should be understood, not just sold," said Eric Pierrot, founder of Z-TEXT. "zk-SNARKs may sound complicated, but what they deliver is simple: zero leaks for the people who use Z-TEXT."

The term zk-SNARK stands for Zero-Knowledge Succinct Non-Interactive Argument of Knowledge. It is a method that allows one party to prove a statement is true without

revealing the information behind it. A person can prove they are over 18 without showing an ID, or prove they hold a valid ticket without showing a name. The fact is proven. Nothing else is exposed.

The guide breaks the term into two halves. The first half, "ZK," means Zero-Knowledge. Z-TEXT summarizes it in two words: zero leaks. The company points to metadata as the core problem this solves. Metadata is the information that surrounds a message, including who sent it, who received it, when, how often, and from where. Most applications protect the contents of a message while leaving this surrounding trail exposed.



A live shielded message on the BitcoinZ blockchain, verifiable on-chain — Z-Text's proof that privacy can be checked, not just promised.

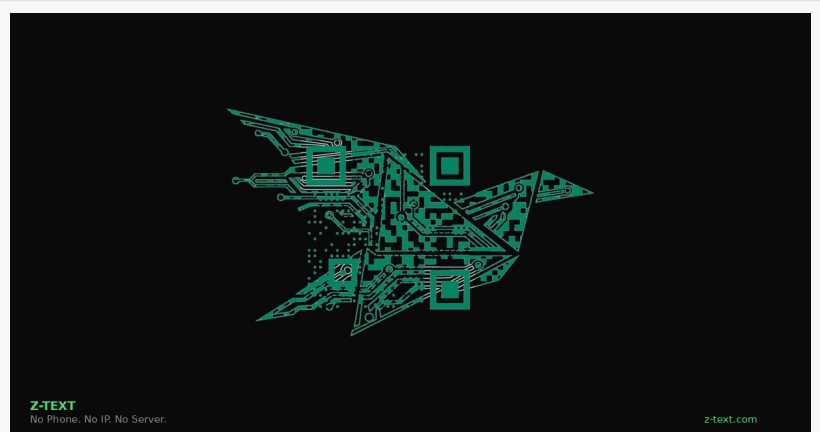
The second half, "SNARK," describes how the proof works. Z-TEXT explains it as four guarantees, each beginning with the letter S. The proof is Small, because a short mathematical receipt can confirm a large computation. It is Standalone, because it requires no back-and-forth and can be checked on its own, which is what allows the system to run on a blockchain. It is Solid, because it is secured by mathematics and cannot be forged. And it is Secret, because it confirms a message is valid without revealing the message, the sender, or the receiver.

Vitalik Buterin, co-founder of Ethereum, has described zk-SNARKs as one of the most powerful cryptographic technologies of the past decade and has predicted that the technology will become a major force as it reaches the mainstream over the next ten to twenty years. Zero-knowledge proofs are already being applied to anonymous payments, identity verification, and authentication. Z-TEXT is among the precursors extending that list to private messaging.

The company also addresses the limits of its approach. Z-TEXT is a text-only application. It does not support photos, videos, or voice notes. According to the company, this is a deliberate design choice, because each additional file type increases the amount of data that can be exposed. By remaining text-only, Z-TEXT keeps what security researchers call the attack surface as small as possible.

"Z-TEXT does one thing, and it does it completely," said Eric Pierrot, founder of Z-TEXT. "For entertainment, there is Netflix. For messaging protection, there is Z-TEXT. We stay text-only on purpose, because every extra feature is a risk for you."

The full educational guide is available on the Z-TEXT blog. Readers seeking deeper technical detail can also consult the public writings of Vitalik Buterin and the documentation maintained by [Electric Coin Co.](#), the organization behind the Zcash cryptocurrency that first deployed zk-



Z-TEXT: No phone. No email. No SIM. Zero metadata. Privacy by architecture, not by promise.



Privacy as the Fifth Element — Z-Text carries censorship-resistant, on-chain messaging into the open

SNARKs.

"After years of zk-SNARKs being treated as impossible to explain, it comes down to this," said Eric Pierrot, founder of Z-TEXT. "1 - ZK is zero leaks. 2 - SSSS is Save your Secrets. That is the whole technology in two lines."

About Z-TEXT:

Z-TEXT is a privacy-focused messaging application built on the BitcoinZ blockchain and zk-SNARKs zero-knowledge proof technology. Z-TEXT combines a shielded messenger, a password manager, and a cryptocurrency wallet in a single application. The platform requires no phone number, no email, no SIM card, and no KYC (Know Your Customer) identity verification, and is designed to collect zero metadata. A single 24-word seed phrase recovers a user's account. More information is available at z-text.com.

eric pierrot

z-text llc

+1 623-980-3986

Contact@z-text.com

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