

Vision

The world's encrypted ledger

Our vision is to create a fairer, more open financial eco-system, built with encryption at its core.

We believe decentralization is premised on individual rights — without widely accessible encryption, we compromise our ability to choose how we live our lives and earn our livelihoods.

We are building the [Aztec Network](#), a fully programmable private [ZK-rollup](#) on [Ethereum](#) to enable developers to create decentralized applications with encryption and scale.

Values

- Private.
- : The only true zero-knowledge rollup, built with a privacy-first UTXO architecture to allow developers to build privacy preserving programable applications.
- Accessible.
- : Proving transaction validity via recursive aggregation of zero-knowledge proofs, significantly reduces transaction costs, keeping the protocol accessible to the masses.
- Compliant
- : The programmable nature of Aztec smart contracts, enables dApp developers to code privacy-preserving audit and compliance checks into apps, while fully preserving a credible neutral protocol layer.

Zac Williamson, CEO and Co-founder, Aztec

“When we started Aztec, the technology to scale blockchains privately didn’t exist. Since then, we’ve assembled a team of world-class cryptographers who continuously redefine the state-of-the-art. Inventing PLONK — the paradigm-defining universal zk-SNARK — showcases our ability to produce technology that matches our ambitions: unlocking an entire universe of blockchain applications that couldn’t exist without privacy.” To achieve these goals, we are pioneering the cryptography and research needed to bring our next generation, privacy-preserving zk-roll-up to mainnet.

Disclaimer Disclaimer We are building Aztec as transparently as we can. The documents published here are living documents. The protocol, sandbox, language, and tools are all subject to change over time.

Please see [here](#) for details of known Aztec protocol and Aztec Sandbox limitations.

If you would like to help us build Aztec:

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- ; or
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