

# The technology

Secret Network is built with the Cosmos SDK and the Tendermint consensus engine. Secret Network provides a platform for scalable, private permissionless smart contracts which can connect to the interchain.

Secret Network leverages novel key management techniques, encryption schemes, and Trusted Execution Environment (TEE) technology to bring encrypted input, output, and state to the blockchain.

The decentralized network of computers that host Secret Network come to a consensus (delegated Proof-of-Stake—Byzantine Fault Tolerance) without ever obtaining access to the data they process. Users can use “viewing keys” to view their sensitive data or enable third parties to do the same.

Secret brings privacy to the Interchain by leveraging CosmWasm IBC compatible smart contracts and IBC native token bridging.

Learn more about the Secret Network technology by exploring our [Website](#).

Dive in deep by exploring our detailed documentation of the Secret Network technology stack:

- [Blockchain technology](#)
- - [CosmWasm Smart contracts](#)
- - [Inter-Blockchain Communication \(IBC\)](#)
- - [Cosmos SDK](#)
- - [Tendermint Consensus](#)
- - [Cosmos introduction](#)
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- [Privacy technology](#)
- - [Encryption - Key Management](#)
- - [Trusted Execution Environments \(TEE\) - Intel SGX](#)
- - [Access Control](#)
- - [Private Smart contracts](#)
- - [Plans Beyond SGX](#)
- - [Theoretical Attacks](#)
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Reading not your thing? Do not worry, our Secret technology basics video series got you covered.

Blockchain 101

The Cosmos SDK, Tendermint and IBC

Privacy technology of Secret Network

The life of your Private Smart Contract transaction

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