

Proven API Service is a framework for certifying digital assets to public Blockchains. You can anchor millions of digital assets quickly and economically in a single transaction. API certificates can be used to detect tampering or to prove the integrity and origin of any digital assets such as legal documents, financial instruments, intellectual property, and more.

The API Service includes



CLI

A command line interface to prove files.



SDK

Powerful SDK for JavaScript, GoLang and more to come.



gRPC

Modern gRPC wire protocol for integration into any language.



REST

Industry standard, cross platform interface.

Key features and benefits



Prove ownership of digital assets such as intellectual property or digital media



Prove timestamps for legal, accounting or financial records



Prove records are not tampered with or falsified



Anchor millions of digital assets in a single Blockchain transaction

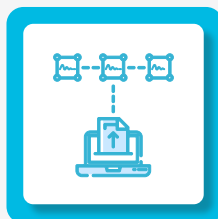


Highly efficient Merkle Tree cryptographic structure to prove millions of data items and for independent verification

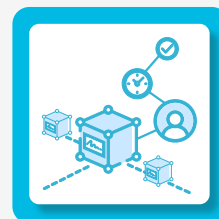


Public and Private Blockchains supported, including Bitcoin, Ethereum, Hashgraph, Hyperledger, Go Chain and Elastos, more to come

How the API Service works



1. Create a Merkle Tree structure containing up to millions of digital asset signatures.



2. Anchor the Merkle Tree to a public Blockchain using a single API call.



3. Generate certificates from the Merkle Tree that proves the integrity and origin of all or some of the digital assets.



4. Verify the integrity and origin of the digital assets with the certificates at any time.

“**[Blockchain] is revolutionary and has the potential to revolutionize nearly every industry.**”

Forbes

(<https://bit.ly/2Oc23C5>).

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