

CERTSIGNER

certsigner.com



Executive Summary

Proof-of-existence and prior-art platform

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Executive Summary

CertSigner is a platform for **proof of existence and prior art of documents and ideas**. It generates a cryptographic fingerprint (hash) of the content and deposits that evidence, with date and time, in multiple independent public repositories — without ever publishing the original content.

Objective

Keep and prove the truth: allow any person or company to demonstrate, in a way third parties can verify, that a given piece of content existed on a given date, keeping the content confidential when desired.

The problem

- Authors, researchers, inventors and companies need to prove **when** an idea or document existed — before a patent, publication or negotiation.
- Formal registrations are slow and bureaucratic; existing digital solutions depend on a single provider or a single jurisdiction.
- Publishing the content to “prove the date” exposes the very idea one wants to protect.

The solution

- The client uploads the file; the platform computes the SHA-256 hash and generates a signed manifest (metadata.json, README, timestamps).
- The evidence is deposited simultaneously in **6 targets**: GitHub, GitLab, Codeberg, GitFlic, OpenTimestamps (Bitcoin) and our own website.
- The original document is **not published** — only the verifiable evidence that references it.
- Visibility options: public, private, pseudonymous, encrypted and progressive confidentiality (scheduled disclosure over time).

Current status

Item	Status
Technical platform	In production: app.certsigner.com (frontend) and api.certsigner.com (FastAPI API)
Infrastructure	Hetzner VPS · Docker Compose · PostgreSQL 16 · Redis 7 · Caddy HTTPS
Interface languages	Portuguese, English, Spanish, Chinese and Czech
Payments	Mercado Pago (BRL) in sandbox; Stripe planned for USD/EUR
Legal	Terms of Use, Privacy Policy and Refund Policy — drafts pending legal review
Go-to-market	Phase 0 of 6 (private testing); Phase 1 = public launch with 1 product

Differentiators

- **Multi-source and multi-jurisdiction**: evidence in the USA, Europe, Russia and blockchain — resilient to removal or failure of a single provider.
- **Confidential by default**: proof without exposing the content.
- **Aggressive pricing**: price list set at ~50% of the average of reference competitors (Bernstein.io, e-Soleau/INPI, ProofStamper).

- **Independent verification:** any third party can recompute the hash and check the deposits without relying on CertSigner.

First product

PROD-001 — Prior-Art Certificate: date- and time-stamped record of a document or idea, with a verifiable receipt and multi-source deposit. The planned catalog contains 31 items, released progressively by phase.

Limitation of liability: the certificate proves the existence and integrity of the content on a given date. It does not replace patent registration (INPI or equivalent), does not declare originality and does not compare ideas with each other.