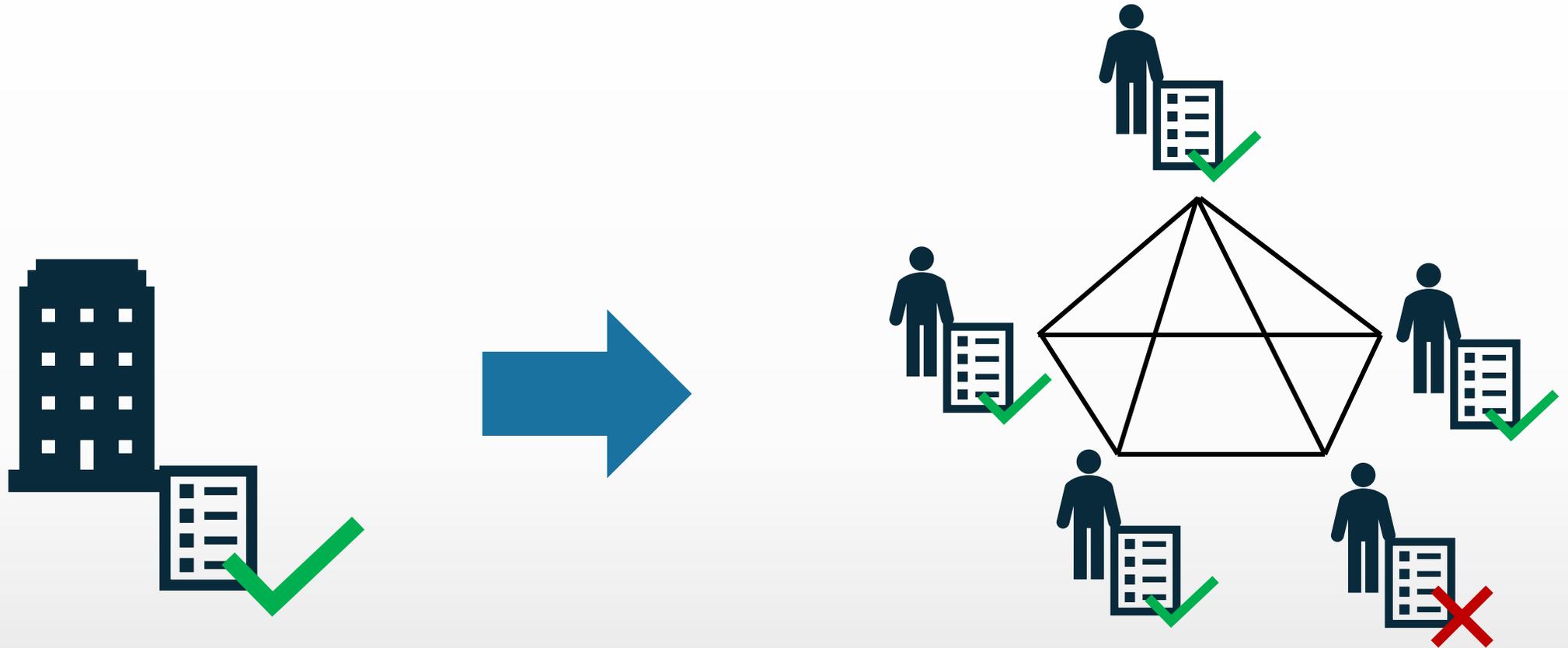


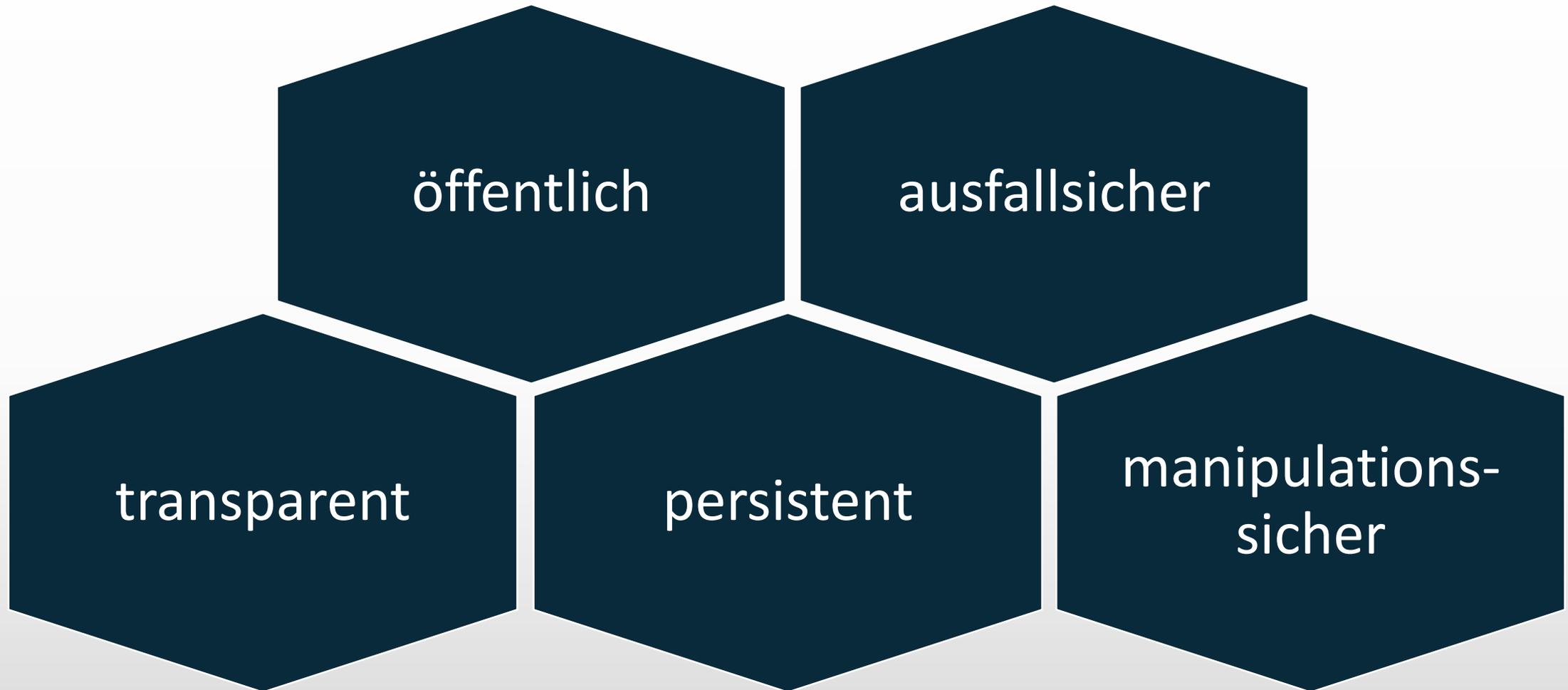
Was ist Blockchain?



Wie funktioniert Blockchain?



Eigenschaften der Blockchain



Anwendungsfälle



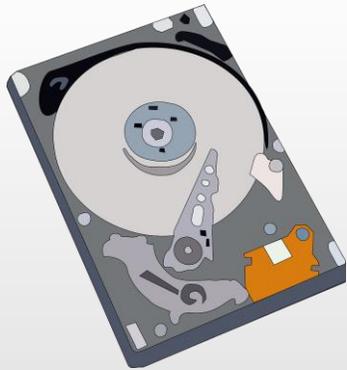
Kryptowährungen



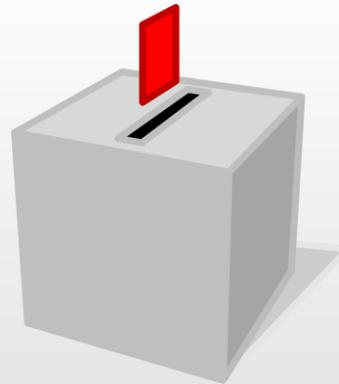
Direkter Handel



Digitale Identitäten



Verteilter Speicher



Manipulations-
sichere Wahlsysteme



Datenintegrität



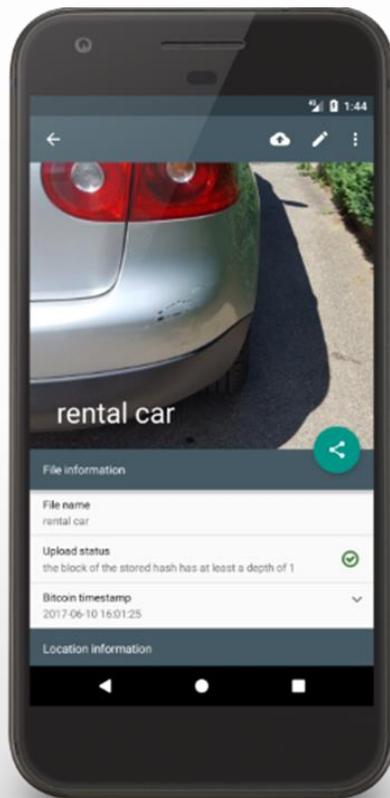
Die Lösung

Anreichern von Daten durch einen manipulationssicheren Zeitstempel



OriginStamp ermöglicht es, jederzeit zu beweisen, dass ein Datensatz zu einem bestimmten Zeitpunkt in einem bestimmten Zustand existiert hat.

The OriginStamp APP





Free trusted timestamping

OriginStamp is a trusted timestamping service for digital content. You can use our service anonymously and free of charge to prove that you were in possession of information or a file, e.g., PDF, image, video, at a specific time.

 Drop your file here

Notify me via email.

- Anonymous
- Notify me via email.
- Create a unique URL for my timestamp.

Title

Add a title or comment to your hash. Attention: This information will be public!

STAMP





Establishing Data Integrity

Wherever data is generated in your company, with OriginStamp you can get it automatically timestamped to prove its integrity and time of existence



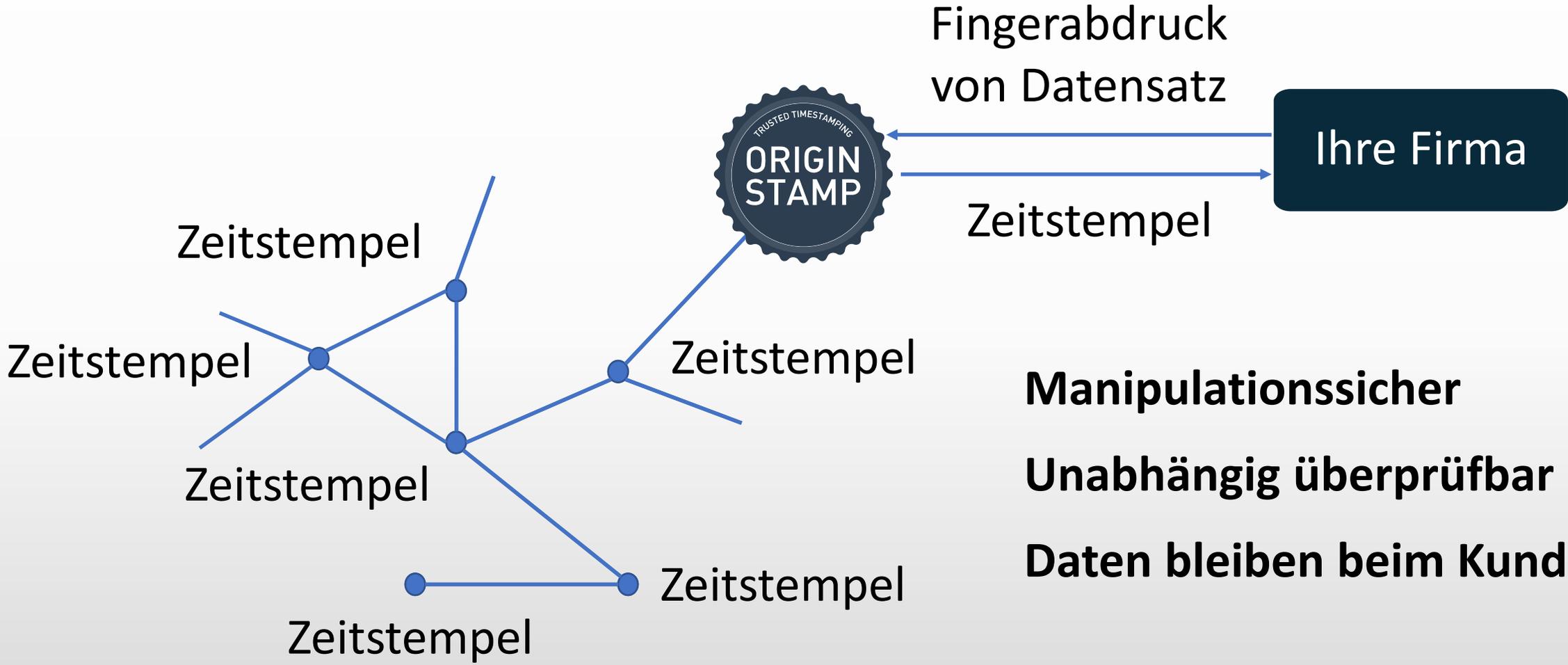
www.originstamp.com

What is OriginStamp?

OriginStamp is the leading platform for tamper-proof timestamps and data integrity for the Industry 4.0.



Datenintegrität via Schnittstelle zu OriginStamp



- Manipulationssicher**
- Unabhängig überprüfbar**
- Daten bleiben beim Kunden**



Das Zertifikat

The screenshot shows the OriginStamp website interface. At the top, there is a navigation menu with 'Start', 'About', 'Timestamps', 'FAQ', 'Publications', and 'Team'. The main heading is 'Free trusted timestamping'. Below this, a text input field contains 'test' and a 'Notify me via email' checkbox is checked. A 'Create' button is visible. Below the input fields, a 'Hash' is displayed: `9f86d081884c7d659a2feaa0c55ad015a3bf4f1b2b0b822cd15d6c15b0f00a08`. The 'TIMESTAMP INFORMATION' section shows the timestamp: 'The hash fingerprint has a tamper-proof timestamp at 6.3.2014, 20:37:18 GMT+0200 (Mitteleuropäische Sommerzeit)'. A progress bar indicates the timestamp is embedded in the blockchain. Below this, there is a 'COMMENT' field with 'test' and buttons for 'Seed' and 'Certificate'. At the bottom, two callout boxes provide confirmation: 'Your Timestamp' (6.3.2014, 20:37:18) and 'Included in latest block' (6.3.2014, 20:37:18).



OriginStamp Certificate

This certificate provides you with the credentials of your Trusted Timestamp. Verify the trusted timestamp of your content either at OriginStamp or directly in the Bitcoin blockchain via a third-party or manual verification. Based on your original content (more precisely, its unique hash), we have performed a Bitcoin transaction that was included in a block within the decentralized and tamper-proof blockchain. Use the following credentials to check and verify the existence of the transaction and the tamper-proof transaction time (trusted timestamp) that was performed in the blockchain network.

Check the Hash on OriginStamp:

<http://originstamp.org/s/9f86d081884c7d659a2feaa0c55ad015a3bf4f1b2b0b822cd15d6c15b0f00a08>

Tamper-proof Timestamp: 6.3.2014, 20:37:18

Time Zone: GMT+0100 (Mitteleuropäische Zeit)



Transaction Information

Your Hash: `9f86d081884c7d659a2feaa0c55ad015a3bf4f1b2b0b822cd15d6c15b0f00a08`

Private Key: `fc3e9814eb060484215c34fd1e10f1b3171cb96ff59558fb82326af1a91ac57f`

Public Key: `04d66fa4be986e483c0edbd3ba93c38e3278c35f7365234c6a7378def8ebb5ed860864c04a939b702235011b7b38db4472209a8779aef7e41a8af6d89caf614dd9`

Address: `1K626vn2b75F7E6ga4BT6NGfBJLgRy4b2a`

Verify the transaction on <http://blockchain.info>

How to Manually Verify:

1. Download the Seed File:
<http://originstamp.org/s/9f86d081884c7d659a2feaa0c55ad015a3bf4f1b2b0b822cd15d6c15b0f00a08>
2. Check if the seed file contains your hash
3. Determine the SHA-256 of the seed content and use it as Private Key
4. Convert the SHA-256 Private Key to an uncompressed Base58 encoded Bitcoin address
5. Verify the transaction with any blockchain explorer (e.g., blockchain.info)

Certificate was created at 28.5.2018, 14:39:30 with OriginStamp

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www.originstamp.com

