ProVenDOCS

Certificate of
Blockchain Proof

gray.png_email_2019-01-02T02:50:07.344Z.png

Michael Harrison (google user: mike@southbanksoftware.com)

This certificate constitutes proof that a document has been
anchored to the bitcoin blockchain, thereby proving that the
document existed in its current form on the date at which the
blockchain entry was created.

You can use this proof to attest that:

(a) the document has not been altered in any way.
(b) the document existed in its current from on the specified date.

An online version of this proof can be found at:

https://provendocs.com/proof/5c2c26df3a1956424003af02

BLOCKCHAIN
ProVenDocs
CERTIFIED

provendocs.com
info@provendocs.com

The document was uploaded by Michael Harrison (google user: mike@southbanksoftware.com) at 2019-01-02T02:50:07.344Z

Details of the document being proved

The document name when hashed was "gray.png_email_2019-01-02T02:50:07.344Z.png"

You can view a copy of this document at: https://provendocs.com/document/5c2c26df3a1956424003af02
(permissions may be required to view the document)

The cryptographic hash of the document is:
70b60ccfbcd512107f538ace44be6d40d2acfad0e1791d569afdcc8ea9a0e506

See Schedule 1 for details of the hashing algorithm employed.

Blockchain proof details

The document hash was included within the chainpointproof at
https://a.chainpoint.org/calendar/2474350/data

See Schedule 2 for a detailed cryptographic proof.

The Chainpoint proof was anchored to the bitcoin blockchain at block 556627 in bitcoin transaction a1f78768155301695ef89b53d4198d8b861e9b177fea43233c0ba53aa853817e at UTC: Wed Jan 02 2019 13:50:08 GMT+1100 (Australian Eastern Daylight Time)

Summary

The document gray.png_email_2019-01-02T02:50:07.344Z.png with hash value
70b60ccfbcd512107f538ace44be6d40d2acfad0e1791d569afdcc8ea9a0e506 was anchored to the bitcoin blockchain
by Michael Harrison (google user: mike@southbanksoftware.com) at UTC: 2019-01-02T02:50:07.344Z. Providing that the document
continues to hash to that value, you can be certain that the document existed in its current form on or before that date.

Schedule 1: Document hashing

The document hash of 70b60ccfbcd512107f538ace44be6d40d2acfad0e1791d569afdcc8ea9a0e506
was obtained by performing a SHA-2 256 bit hash on the document at
https://provendocs/documents/5c2c26df3a1956424003af02 (permission may be required to view this document).
The hash was calculated on the document and its metadata as stored in the ProvenDocs system.

You can download a copy of the document and its metadata (permissions reuqired) at
https://provendocs/documents/5c2c26df3a1956424003af02/download. You can independently validate the hash by using the
open source hash validation tool at https://provendocs.com/downloads/validateHash. You can also extract the
document from its metadata using this tool.

Schedule 2: Chainpoint proof

Chainpoint is an open standard for linking data to the public blockchain. It aggregates multiple hash values into a single
hash value which is then placed on the blockchain. The following chainpoint proof proves that the hash value of
70b60ccfbcd512107f538ace44be6d40d2acfad0e1791d569afdcc8ea9a0e506
is associated with the chainpoint proof placed on the bitcoin blockchain in transaction
a1f78768155301695ef89b53d4198d8b861e9b177fea43233c0ba53aa853817e

This proof can be downloaded from https://provendocs.com/proofs/undefined

Below is a binary representation of the chainproof

eJysVz1v50fVfZ7vkjKO78vMnTuuVqJDlFRprPvKWjLrle1AKJc0tEGUNCGBhAghRUKUfA8jPgz6eZ1VYhspSExl+a97fmfuOXPnzG/+/tJuXp7ffOQ/
v7i9rTyPq+s6t9u/EeA+ATwB+inQ2YQzhA+/8mt7FS/r5re//uOleV3+9XX6eV7F+dsfPr96ffO7N59d3r3r3gDnC2oVK5XWfIZFZFFDaexvqVVJDdgYntOcjdJZlyFLaoCHXZmz9cvf7y5qWd0JQ3n13fvUCOvUGMpbOxIpmXzNVFESvdAs13KwDCEDPdij23iPMcYbS+C/jJW/LfhF2eH7Svrr/D//cH//dfXWWdX+QZZsyOBSdQvE8Qa5/4cD4BTKcYppsfcb28e//+hUdxg2gMGJKHTcbHxS9S9VZVZ2VWc4h+A+/j7jW//+8AY+C5w1khwL7eex/3d84+iM5/++IQ5ubTrww0JjJKRHzPcNNbATWc4h/A+/
j7Ds5e3t69vzk5P7YN4aRevXl9dvLr94Or6Z2dhl2cPFfd0AAlqUa/ji1kkA2aPodUubAHAgjEx+9wCJ4L4MwSmHZ0yD8T0h0h33z5Vr6bTz/58OQF/
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lgWHs4lDpo8+gJyJYuVaaKaw+WJ8ayhcPBaUUPltr0XJGoMHewylw0mL18bOTM1ngHhvp5naVbrnM4CEjrNUI1GJcVJA7wkdoYQrqrJoEQbZSPJZ
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y6s8lTTtFt7G1b8Nr56EVevbuvj2398C/BLvsi3e9wTn/B9wVf/+jdv744Is/u/diwUuENEeOY/
RunqyWtQYXpIDkizaEgrXxpyyrTNCy7bBcb/95f4NcZHnR2y+e++HhObHz477wP3cswP0w3fwR7C/e++HxOp/BwAA//9FRQi/

Schedule 3: List of printable links in the document

Document being proven:
https://provendocs.com/document/5c2c26df3a1956424003af02

Chainpoint.org:
https://chainpoint.org

Chainpoint proof for the document:
https://provendocs/proofs/5c2c26df3a1956424003af02

Chainpoint calendar entry for the proven document:
https://a.chainpoint.org/calendar/2474350/data

Bitcoin block containing the proof:
https://live.blockcypher.com/btc/block/556627

Blockchain transaction:
https://live.blockcypher.com/btc/tx/a1f78768155301695ef89b53d4198d8b861e9b177fea43233c0ba53aa853817e

Open source validation tool:
http://provendocs.com/downloads/validateHash