

DOCUMENT SEALED



SIGNATURES VERIFIED



## CONTRACT VERIFICATION

### Signed contract

Contract ID **#542681**

Sign date **2018-12-18** 14:35:14 UTC

#### Secure hash:

89079f6902eb963793f72adc9e7ee7633e04c3de68aa1b72052d4c51796865a0

[Download contract](#)

To verify the integrity of the contract file (PDF), compare the secure hash with the fingerprint (sha256 hash) of the file. They should be identical.

All files associated with this contract can be downloaded from the *signed contract file store*:

<https://app.oneflow.com/files/contracts/542681/26d41dc239fca6c31a89876e96eb4e932902b936>



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### What is the CONTRACT VERIFICATION?

The CONTRACT VERIFICATION is the means by which Oneflow electronically seals your contract, making sure it remains unchanged after the date of sign.

### What is an electronic seal?

An electronic seal is a way to cryptographically ensure that a set of information, in this case your contract, remains unchanged from the date of sealing.

This is done by electronically signing the contract with a highly secure and durable document certificate.

Oneflow uses Trustweaver (<http://www.trustweaver.com>), an internationally renowned actor in the field of electronic seals and signatures, as strategic partner to ensure the highest possible security and reliability for your contract signatures.

### How can Oneflow guarantee contract integrity?

Oneflow takes a fingerprint, a secure cryptographic hash, of the contract. The contract in turn contains similar fingerprints (hashes) of each attachment to the contract. The contract fingerprint is then put into this CONTRACT VERIFICATION, which is sealed by Trustweaver.

This creates a secure chain of seals and fingerprints, for each file and data point in the contract. Any changes made to the contract or its attachments, may it so be a single character, changes the fingerprints which invalidates the secure chain.

By verifying each fingerprint and seal you can verify the integrity of your contract (see below).

The fingerprints and seals used by Oneflow and Trustweaver follows established best practices and recommendations, from organisations such as the European Telecommunications Standards Institute (ETSI), for documents intended for long term validity and storage.

### How can I verify that the seal has not been broken?

The integrity of the seal on the CONTRACT VERIFICATION can be verified by any PDF viewer that can read the embedded signature information. Adobe Reader is one such viewer. Simply open the document in Adobe Reader and open the Signatures panel.

The fingerprint for each attachment should be identical to the fingerprint stored in the contract PDF relating to this attachment. In the same way, the fingerprint of the contract PDF should be identical to the fingerprint stored in the CONTRACT VERIFICATION.

The fingerprints of the contract and each attachment can be obtained by calculating their SHA256 cryptographic hash. SHA256 is a widely known and acknowledged standard for secure cryptographic hashes.

The contract integrity can, with the method described above, be verified independently of Oneflow.

### Where can I download the rest of the contract?

The contract, and any attachments, can be found in the [signed contract file store](#). This storage is highly secure and durable, and will remain available to you indefinitely.



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