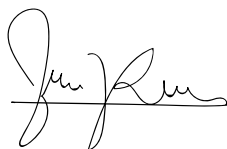# The 3 Types of Electronic Signatures

notarius

Despite the plethora of electronic signature tools – or because of it – using an electronic signature remains an abstract concept.
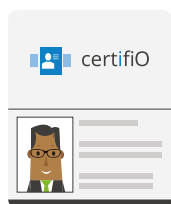
3 TYPES OF SIGNATURES IN ELECTRONIC FORMAT

ELECTRONIC SIGNATURE

This signature is simply an image, often a visual representation of a handwritten signature. As the signer's identity is not verified, the document's legal reliability is very low.

CONSIGNO CLOUD TRUSTED ELECTRONIC SIGNATURE

This hybrid signature has many of the benefits of a digital signature and is used via a web platform with various ways of identifying and authenticating the signer's identity.

CERTIFIO DIGITAL SIGNATURE

This signature is affixed through a digital certificate issued by a certification authority, allowing you to confirm the signer's authority and to protect the electronic document.

TRUST LEVEL

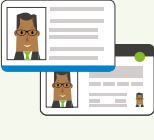| IDENTITY	INTEGRITY	AUTHENTICITY	LONGEVITY
Face-to-face identity verification	Digital certificate	Certificate + password	ISO 19005
Email and 2nd factor		Email and 2nd factor	

ANALYSIS OF A SIGNED ELECTRONIC DOCUMENT*

PDF/A
The ISO 19005 archiving standard ensures the longevity of electronic documents. In PDF/A, the document can be opened, read and authenticated for several decades.

The platform seals the document's integrity.

Issuer
certifiO

Identity
+ 2 pieces of identification + Face-to-face identity verification with an agent

Authenticity
certifiO Digital certificate + ****** Password

The platform seals the signature project with a certified timestamp, ensuring the longevity and long-term archiving of the document.

Issuer
consignO Cloud

Identity - Authenticity
1 @ Email 2 SMS or Phone call or ***** Shared secret

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signed-contract.pdf

This file claims compliance with the PDF/A standard and has been opened read-only to prevent modification. [Enable Editing]

Signatures
Validate All

Rev. 1: Signed by ConsignO Cloud

Rév. 2 : Signed by Charles Martin -- Notarius <charles.martin@notarius.com>
Signature is valid:
Source of Trust obtained from Adobe Approved Trust List (AATL).
Document has not been modified since this signature was applied
Signer's identity is valid
Signing time is from the clock on the signer's computer.
Signature is LTV enabled
Signature Details
Last Checked: 2018.03.19 17:18:28 -04'00'
Field: Charles Martin - charles.martin@notarius.com on page 1
Click to view this version

Rev. 3: Signed by ConsignO Cloud
Signature is valid:
Source of Trust obtained from Adobe Approved Trust List (AATL).
Document has not been modified since this signature was applied
Signer's identity is valid
The signature includes an embedded timestamp.
Signature is LTV enabled
Signature Details
Reason: Signé et approuvé par Anna Stewart (annastewartjones@gmail.com)(Shared secret)
Location: ConsignO Cloud Canada (107.159.23.10:dKvzzjeLG7IKbxS8)
Certificate Details...
Last Checked: 2018.03.19 17:18:28 -04'00'
Field: Anna Stewart - annastewartjones@gmail.com on page 1
Click to view this version

Rev. 4: Signed by Timestamp Authority -- Notarius <officiers@notarius.com>

DIGITAL SIGNATURE

TRUSTED ELECTRONIC SIGNATURE

Anna Stewart
Signed with ConsignO Cloud (2018/03/19)
Verify with ConsignO or Adobe Reader
Signature

Charles Martin
Signed with CertifiO (2018/03/14)
Verify with ConsignO or Adobe Reader
Signature

notarius

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consignO Cloud — Audit trail

Signature project
Project name: Contract to sign
Date project created: 2018/04/20 at 01:14:33 UTC
Project created by: Charles Martin <charles.martin@notarius.com>
Number of documents: 1
Audit trail created on: 2018/04/20 at 01:16:34 UTC

Files
Files attached to this audit trail

Type	Name	Pages	PDF-A conformity	MD5	Upload date
Original	signed-contract.pdf		None	8198c3e436a7297f2dd35e38c970ed51	2018/04/20 at 01:14:12 UTC
Final	signed-contract.pdf		PDF/A-3b	97cebce3bac540e6beeed49f39e9b65d	2018/04/20 at 01:14:12 UTC

Signers

Name	Type	First factor	Second factor
Charles Martin	CertifiO digital signature	charles.martin@notarius.com	SMS: +1 514-281-1577
Anna Stewart	Trusted electronic signature	annastewartjones@gmail.com	Shared secret

Signatures

File name	Zones	Email address	Signature date
signed-contract.pdf	1	charles.martin@notarius.com	2018/04/20 at 01:15:31 UTC
signed-contract.pdf	1	annastewartjones@gmail.com	2018/04/20 at 01:16:32 UTC

Trail

Date and time	Individual	Action	IP	Details
2018/04/20 at 01:14:12 UTC	Charles Martin	System signature	107.159.23.10	File signed-contract.pdf signed with Notarius certificate.
2018/04/20 at 01:14:12 UTC	Charles Martin	PDF upload	107.159.23.10	signed-contract.pdf file(s) totalling 90545 byte(s).
2018/04/20 at 01:14:33 UTC	Charles Martin	Creation of project	107.159.23.10	Project Contract to sign successfully created. UID 5ad93ef99782a316f833bd46
2018/04/20 at 01:14:36 UTC	Charles Martin	Terms of use of the system	107.159.23.10	Accepted on 2017/02/16 at 18:56:12 UTC
2018/04/20 at 01:14:36 UTC	Charles Martin	Project launch	107.159.23.10	Project Contract to sign successfully launched.
2018/04/20 at 01:14:38 UTC	Charles Martin	Communication	107.159.23.10	Login link sent to charles.martin@notarius.com
2018/04/20 at 01:15:13 UTC	Charles Martin	SMS code sent	107.159.23.10	Code sent by SMS to +1 514-281-1577: "554552"
2018/04/20 at 01:15:23 UTC	Charles Martin	SMS code entered	107.159.23.10	Code entered: "554552"
2018/04/20 at 01:15:23 UTC	Charles Martin	SMS authentication	107.159.23.10	Verified by email at charles.martin@notarius.com and SMS at +1 514-281-1577
2018/04/20 at 01:15:30 UTC	Charles Martin	Document upload	107.159.23.10	Document returned with project UID 5ad93ef99782a316f833bd46
2018/04/20 at 01:15:31 UTC	Charles Martin	CertifiO signature	107.159.23.10	Validated document signed-contract.pdf returned with project UID 5ad93ef99782a316f833bd46
2018/04/20 at 01:15:31 UTC	Charles Martin	CertifiO signature	107.159.23.10	charles.martin@notarius.com verified signature(s)
2018/04/20 at 01:15:31 UTC	Charles Martin	Communication	107.159.23.10	Login link sent to annastewartjones@gmail.com
2018/04/20 at 01:16:24 UTC	Anna Stewart	Shared secret entered	107.159.23.10	Response entered
2018/04/20 at 01:16:28 UTC	Anna Stewart	Shared secret authentication	107.159.23.10	Verified by email at annastewartjones@gmail.com and shared secret
2018/04/20 at 01:16:32 UTC	Anna Stewart	Terms of use	107.159.23.10	Accepted on 2018/04/11 at 18:32:37 UTC
2018/04/20 at 01:16:32 UTC	Anna Stewart	Signature	107.159.23.10	File signed-contract.pdf successfully signed. Zone Anna Stewart - annastewartjones@gmail.com
2018/04/20 at 01:16:33 UTC	Anna Stewart	End of project	107.159.23.10	Project Contract to sign successfully completed.

ELECTRONIC SIGNATURE
As a simple image, this signature is not recognized by the software and does not appear in the *Signatures Panel*.

AUDIT TRAIL
ConsignO Cloud automatically generates a digitally sealed audit trail in PDF/A-3 that incorporates the signed document to ensure the reliability of the entire signing process.

* Opened in an Adobe PDF viewer

CERTIFICATE AND SIGNATURE VALIDATION DETAILS

The **Certificate Details** section contains all signature-related information.

CERTIFICATION AUTHORITY

A certification authority is a trusted third party that issues digital certificates to confirm a signer's identity. The certification authority also offers ways to verify whether a certificate is still valid or has expired or been revoked.

✓ **Signer's ID**

✓ **Signer's name**

✓ **Name of the certification authority**