

Advantages



Accessible from everywhere
and at any time



Full dematerialisation
of paper documents



Very difficult to falsify
signatures, stamps or dates



Environmentally friendly



No deterioration
of documents



Unlimited storage
of documents



No need for "officially
certified copies": all copies
are original documents



Free of charge

TRACES is the multilingual online
document management system of
the European Commission for all
EU certification requirements



European Commission

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Application:

<https://webgate.ec.europa.eu/tracesnt/login>

Website:

www.ec.europa.eu/traces

Presentation:

www.prezi.com/user/TRACES

TRACES NT Documentation website:
[https://webgate.ec.europa.eu/cfcas3/
tracesnt-webhelp/Content/Home.htm](https://webgate.ec.europa.eu/cfcas3/tracesnt-webhelp/Content/Home.htm)



TRACES

Electronic certification



TRACES now features the electronic signature
and seal. Just like handwritten signatures and
stamps, e-signature and e-seal ensure an
unequivocal link between the identity and
the signature of the signatory. It provides a
simple and effective way to secure that link.

How to enrol ?

Operators

Since operators will use a “simple” electronic signature, only an account in TRACES is needed.

Competent authorities

Inspectors contact their central administration in order to start the enrolment process:

- Verification of the inspector’s identity by the trust service provider
- Attribution of a “digital identity” (user ID and password) to the inspector

Additional security requirement for qualified e-sign/e-seal

In case of qualified e-signature/e-seal, the digital identity alone is not sufficient to e-sign. The trust service provider will provide inspectors with a mean to generate a One-Time Password (OTP) for every signature. This mean can be:

A Token

The token generates an OTP, to be used in the e-signature process.



A mobile application

Scan the QR code generated by TRACES in every document with the mobile through the application. The application will automatically transfer the OTP to the TRACES application.



How to e-sign a certificate ?

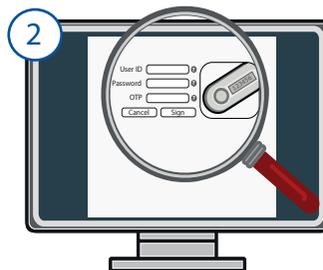
I. Operators sign PART I



II. Competent authority validates PART II



III. Competent authority signs the entire document



The eIDAS Regulation

Regulation (EU) No 910/2014

Documents signed or sealed in accordance with eIDAS Regulation have the same legal value as their paper versions in the EU



An electronic signature replaces the handwritten signature of a natural person.
An electronic seal replaces the stamp or signature of a legal person



eIDAS Regulation defines three levels of assurance of e-signature/e-seal: “simple”, “advanced” and “qualified”



The qualified e-signature/e-seal is based on a qualified certificate issued by a qualified trust service provider and ensures the highest level of assurance and non-repudiation of the document

How to check the validity of an electronic document ?

I. Directly in TRACES, looking for the logo:



II. In the PDF of the document downloaded from TRACES, in the signatures panel :

✓ Signed and all the signatures are valid

- ✓ E-signature of the inspector who signed Part II
- ✓ E-seal of the competent authority to which the inspector belongs
- ✓ E-seal of the European Commission