

QUALIF_id

QUALIFIED DIGITAL IDENTITY

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Electronic identification is the process of using someone's identification data in an electronic format that exclusively represents an individual or legal entity or an individual who represents a legal entity.

Authentication is an electronic process to electronically identify an individual or legal entity, or source and data integrity in electronic format.

An electronic signature certificate, is an electronic declaration that links the validation data of a signature to a natural person, and confirms at least the name or pseudonym of that person.

An electronic signature, guarantees the identity of a person signing a document and their authentication on any electronic platform, but is not in itself capable of ensuring the transaction and immobility of the document. The legal effect of an electronic signature will be equivalent to that of a handwritten signature, in accordance with the current applicable legislation on electronic signatures in each country.

Digital identity in **blockchain technology** guarantees the transaction and immutability of the document, but is not in itself capable of ensuring compliance with the regulations in terms of electronic identification for the owner of the document and/or transaction

ABOUT QUALIF_ID



Qualif_ID, the qualified digital identity developed by Signe, is a digital identity that can guarantee the compliance of the Blockchain identity with the regulations in terms of electronic identification, giving legal recognition to authentication and traceability of an identity in the Blockchain environment.

Qualif_ID fits into the electronic security sector in general and especially in those cases where there must be a guarantee and legal recognition of identity in electronic transactions and documents in Blockchain.

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¿WHAT IS?



“Qualif_ID enables you to perform with full legal support any kind of transaction in Blockchain”

Qualif_ID, is the combination of **Digital Identity in Blockchain and Qualified Electronic Signature**, which brings together **the traceability and immutability of Blockchain and the legal recognition of electronic signature.**

This is a step forward in the implementation of Blockchain, since it is the first time that there is legal recognition in the use of this technology for signing contracts and certifying documents, complying with current regulations and international standards in terms of electronic identification, as in the case of the eIDAS Regulation at European level.

This means that, in the event of a conflict, the data stored in Blockchain could be used in a trial without the need of expert evidence. In short, Blockchain has evolved from supporting evidence to legal recognition.

This is **completely innovative**, because so far we could use electronic signature, which was legally valid but could not guarantee the traceability and immutability of document transactions. On the other hand, we had Blockchain, which gives electronic signature all those features it lacked.

It is a qualified digital identity that provides the transactions carried out in Blockchain with the immutability and traceability of this new technology and the legal framework of the electronic signature.

Through a network of nodes distributed and connected to each other, where traces of cryptographically secured information can be found, the Blockchain technology makes it possible to build an interconnected ecosystem which offers a high resistance to potential cyberattacks.

Furthermore, the qualified electronic signature can be used to prove the identity of the signatory, as well as the integrity and the non-repudiation of the signed document, offering the receiver confidence that it has actually been signed by the person who sent it, without questioning its content and signature at a later time.

The combination of these two technologies allows any type of operation linked to a digital identity with legal support, in a way entirely immutable and transparent to third parties. In this regard, we are convinced of the interest that this will raise in every sector where electronic transactions between parties are carried out, aiming for the prevention of fraud and the generation of confidence in business processes.

“Qualif_ID solves the problem that was affecting so far any kind of entity which, relying on the many benefits of the Blockchain technology, did not have a regulatory framework that legally recognized the identity of users performing transactions.”



The health, legal or insurance sector, as well as banking and, in general, any business segment that uses electronic signature and needs traceability, will be subject to request the use of Qualif_ID.



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**Avda de la Industria, 18
28760 Tres Cantos (MADRID)**

**T.+34 91 806 00 99
marta.gutierrez@signe.es**