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Applicability of CEN Standards to Qualified Electronic Seal Creation Device under the EU Regulation N910/2014 (eIDAS)

Táto technická normalizačná informácia obsahuje anglickú verziu CEN/TR 419210:2019.
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English Version

Applicability of CEN Standards to Qualified Electronic Seal Creation Device under the EU Regulation N°910/2014 (eIDAS)

Application des normes du CEN aux dispositifs de
création de cachets électroniques qualifiés au titre du
règlement européen n°910/2014 (eIDAS)

Anwendbarkeit von CEN Normen für qualifizierte
elektronische Siegelerstellungseinheiten unter der
Verordnung (EU) Nr. 910/2014 (eIDAS)

This Technical Report was approved by CEN on 18 February 2019. It has been drawn up by the Technical Committee CEN/TC 224.

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European foreword

This document (CEN/TR 419210:2019) has been prepared by Technical Committee CEN/TC 224 “Personal identification, electronic signature and cards and their related systems and operations”, the secretariat of which is held by AFNOR.

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CEN/TR 419210:2019 (E)**Introduction**

EU Regulation No 910/2014 on electronic identification and trust services for electronic transactions in the internal market (also known as eIDAS)[1] builds on the concept and requirements defined in the repealed EU Directive 1999/93 on Electronic Signatures [2]. eIDAS defines an electronic seal which authenticates the origin of data but created under control, as opposed to “sole control” for electronic signatures, of a legal person (e.g.. organization), as opposed to natural person (i.e. individual). Technically, electronic seals have similar requirements as electronic signatures and both can be based on digital signatures. eIDAS recognizes a special level of qualified electronic seal which is created using a qualified seal creation device (QSealCD) and supported by a qualified certificate, in the similar way as a qualified electronic signature is created using qualified signature creation device (QSigCD) supported by a qualified certificate. The requirements for a qualified seal creation device are described as “mutatis mutandis” as for a qualified signature creation device. The requirements for a qualified signature creation device are considered to be met by the equivalent defined in Directive 1999/93 referred to as a secure signature creation device (SSCD).

CEN has issued standards EN 419 211 parts 1 to 6, which were initially aimed at SSCD but have been accepted as applicable to QSigCD and QSealCD (COMMISSION IMPLEMENTING DECISION (EU) 2016/650 of 25 April 2016). Further standards have since been issued EN 419 221 part 5 and EN 419 241 parts 1 and 2 which can also be applied as QSigCD and QSealCD. However, for some use cases of electronic seals some standards may be considered more appropriate than others.

This document considers the legal requirements and practical use cases against the features of the standards to assist in selecting the most appropriate standard.

1 Scope

This document considers the legal requirements and practical use cases against the features of the CEN standards which may be used to support electronic seals in accordance to EU Regulation N° 910/2014 with the aim to provide guidance on the most appropriate standard to use in particular types of usage.

2 Normative references

There are no normative references in this document.

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