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Electronic Signatures and Infrastructures (ESI);
Associated Signature Containers (ASiC) -
Testing Compliance and Interoperability;
Part 3: Test suites for testing interoperability of
ASiC containers other than baseline

Reference
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Contents

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Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Electronic Signatures and Infrastructures (ESI).

The present document is part 3 of a multi-part deliverable covering Associated Signature Containers (ASiC) - Testing Conformance and Interoperability. Full details of the entire series can be found in part 1 [i.5].

Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the ETSI Drafting Rules (Verbal forms for the expression of provisions).

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1 Scope

The present document defines a number of test suites to assess the interoperability between implementations claiming conformance to ASiC building blocks defined in ETSI EN 319 162-1 [1] and additional containers defined in ETSI EN 319 162-2 [2].

These test suites are agnostic of the PKI infrastructure. Any PKI infrastructure can be used including the one based on EU Member States Trusted Lists.

2 References

2.1 Normative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

Referenced documents which are not found to be publicly available in the expected location might be found at http://docbox.etsi.org/Reference.

NOTE: While any hyperlinks included in this clause were valid at the time of publication ETSI cannot guarantee their long term validity.

The following referenced documents are necessary for the application of the present document.

[1] ETSI EN 319 162-1: "Electronic Signatures and Infrastructures (ESI); Associated Signature Containers (ASiC); Part 1: Building blocks and ASiC baseline containers".

[2] ETSI EN 319 162-2: "Electronic Signatures and Infrastructures (ESI); Associated Signature Containers (ASiC); Part 2: Additional ASiC containers".

[3] IETF RFC 3161: "Internet X.509 Public Key Infrastructure Time-Stamp Protocol (TSP)".

[4] Application Note: "APPNOTE.TXT - .ZIP File Format Specification", PKWARE® Inc., September 2012.

[5] ETSI TS 119 124-3: "Electronic Signatures and Infrastructures (ESI); CAdES digital signatures - Testing Conformance and Interoperability; Part 3: Test suites for testing interoperability of extended CAdES signatures".

[6] ETSI TS 119 134-3: "Electronic Signatures and Infrastructures (ESI); XAdES digital signatures - Testing Conformance and Interoperability; Part 3: Test suites for testing interoperability of extended XAdES signatures".

[7] ETSI TS 119 134-2: "Electronic Signatures and Infrastructures (ESI); XAdES digital signatures - Testing Conformance and Interoperability; Part 2: Test suites for testing interoperability of XAdES baseline signatures".

[8] IETF RFC 4998: "Evidence Record Syntax (ERS)".

[9] IETF RFC 6283: "Extensible Markup Language Evidence Record Syntax (XMLERS)".