



SLOVENSKI STANDARD
SIST EN 319 412-1 V1.5.1:2023

01-december-2023

Elektronski podpisi in infrastruktura (ESI) - Profili potrdil - 1. del: Pregled in skupne podatkovne strukture

Electronic Signatures and Infrastructures (ESI) - Certificate Profiles - Part 1: Overview and common data structures

iTeh Standards
(<https://standards.iteh.ai>)

Ta slovenski standard je istoveten z: ETSI EN 319 412-1 V1.5.1 (2023-09)

[SIST EN 319 412-1 V1.5.1:2023](https://standards.iteh.ai/catalog/standards/sist/9f779aa8-4f7d-4bee-8932-5d9f3c106d0b/sist-en-319-412-1-v1-5-1-2023)

<https://standards.iteh.ai/catalog/standards/sist/9f779aa8-4f7d-4bee-8932-5d9f3c106d0b/sist-en-319-412-1-v1-5-1-2023>

ICS:

03.080.99	Druge storitve	Other services
35.040.01	Kodiranje informacij na splošno	Information coding in general

SIST EN 319 412-1 V1.5.1:2023 **en**

ETSI EN 319 412-1 V1.5.1 (2023-09)



**Electronic Signatures and Infrastructures (ESI);
Certificate Profiles;
Part 1: Overview and common data structures**

**(<https://standards.iteh.ai>)
Document Preview**

[SIST EN 319 412-1 V1.5.1:2023](https://standards.iteh.ai/catalog/standards/sist/9f779aa8-4f7d-4bee-8932-5d9f3c106d0b/sist-en-319-412-1-v1-5-1-2023)

<https://standards.iteh.ai/catalog/standards/sist/9f779aa8-4f7d-4bee-8932-5d9f3c106d0b/sist-en-319-412-1-v1-5-1-2023>

Reference

REN/ESI-0019412-1v151

Keywords

e-commerce, electronic signature, security, trust services

ETSI

650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - APE 7112B
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° w061004871

Important noticeThe present document can be downloaded from:
<https://www.etsi.org/standards-search>

The present document may be made available in electronic versions and/or in print. The content of any electronic and/or print versions of the present document shall not be modified without the prior written authorization of ETSI. In case of any existing or perceived difference in contents between such versions and/or in print, the prevailing version of an ETSI deliverable is the one made publicly available in PDF format at www.etsi.org/deliver.

Users of the present document should be aware that the document may be subject to revision or change of status. Information on the current status of this and other ETSI documents is available at <https://portal.etsi.org/TB/ETSIDeliverableStatus.aspx>

If you find errors in the present document, please send your comment to one of the following services:
<https://portal.etsi.org/People/CommitteeSupportStaff.aspx>

If you find a security vulnerability in the present document, please report it through our Coordinated Vulnerability Disclosure Program:
<https://www.etsi.org/standards/coordinated-vulnerability-disclosure>

Notice of disclaimer & limitation of liability

The information provided in the present deliverable is directed solely to professionals who have the appropriate degree of experience to understand and interpret its content in accordance with generally accepted engineering or other professional standard and applicable regulations.

No recommendation as to products and services or vendors is made or should be implied. In no event shall ETSI be held liable for loss of profits or any other incidental or consequential damages.

Any software contained in this deliverable is provided "AS IS" with no warranties, express or implied, including but not limited to, the warranties of merchantability, fitness for a particular purpose and non-infringement of intellectual property rights and ETSI shall not be held liable in any event for any damages whatsoever (including, without limitation, damages for loss of profits, business interruption, loss of information, or any other pecuniary loss) arising out of or related to the use of or inability to use the software.

Copyright Notification

No part may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm except as authorized by written permission of ETSI.

The content of the PDF version shall not be modified without the written authorization of ETSI. The copyright and the foregoing restriction extend to reproduction in all media.

© ETSI 2023.
All rights reserved.

Contents

Intellectual Property Rights	4
Foreword.....	4
Modal verbs terminology.....	5
Introduction	5
1 Scope	6
2 References	6
2.1 Normative references	6
2.2 Informative references.....	6
3 Definition of terms, symbols, abbreviations and notations	7
3.1 Terms.....	7
3.2 Symbols.....	7
3.3 Abbreviations	7
3.4 Notations	8
4 ETSI EN 319 412 certificate profiles	8
4.1 General approach.....	8
4.2 Overview of other parts of ETSI EN 319 412	9
4.2.1 ETSI EN 319 412-2	9
4.2.2 ETSI EN 319 412-3	9
4.2.3 ETSI EN 319 412-4	9
4.2.4 ETSI EN 319 412-5	10
5 Common data structures.....	10
5.1 Semantics identifiers	10
5.1.1 General.....	10
5.1.2 ASN.1 module	11
5.1.3 Natural person semantics identifier	11
5.1.4 Legal person semantics identifier	12
5.1.5 eIDAS eID Natural person semantics identifier.....	13
5.1.6 eIDAS eID Legal person semantics identifier	13
5.2 Certificate Extensions regarding Validity Assured Certificate.....	14
5.2.1 Validity Assured General.....	14
5.2.2 Validity Assured - Short Term.....	14
5.2.3 ASN.1 Module.....	14
Annex A (informative): Change History	15
History	16

Intellectual Property Rights

Essential patents

IPRs essential or potentially essential to normative deliverables may have been declared to ETSI. The declarations pertaining to these essential IPRs, if any, are publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: "*Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards*", which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (<https://ipr.etsi.org/>).

Pursuant to the ETSI Directives including the ETSI IPR Policy, no investigation regarding the essentiality of IPRs, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Trademarks

The present document may include trademarks and/or tradenames which are asserted and/or registered by their owners. ETSI claims no ownership of these except for any which are indicated as being the property of ETSI, and conveys no right to use or reproduce any trademark and/or tradename. Mention of those trademarks in the present document does not constitute an endorsement by ETSI of products, services or organizations associated with those trademarks.

DECT™, **PLUGTESTS™**, **UMTS™** and the ETSI logo are trademarks of ETSI registered for the benefit of its Members. **3GPP™** and **LTE™** are trademarks of ETSI registered for the benefit of its Members and of the 3GPP Organizational Partners. **oneM2M™** logo is a trademark of ETSI registered for the benefit of its Members and of the oneM2M Partners. **GSM®** and the GSM logo are trademarks registered and owned by the GSM Association.

Foreword

This European Standard (EN) has been produced by ETSI Technical Committee Electronic Signatures and Infrastructures (ESI).

The present document is part 1 of a multi-part deliverable covering the Certificate Profiles, as identified below:

Part 1: "Overview and common data structures";

Part 2: "Certificate profile for certificates issued to natural persons";

Part 3: "Certificate profile for certificates issued to legal persons";

Part 4: "Certificate profile for web site certificates";

Part 5: "QCStatements".

The present document was previously published as ETSI TS 119 412-1 [i.14].

National transposition dates

Date of adoption of this EN:	21 September 2023
Date of latest announcement of this EN (doa):	31 December 2023
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 June 2024
Date of withdrawal of any conflicting National Standard (dow):	30 June 2024