Technical Report

ISO/IEC TR 25219

Personal identification — ISO-compliant driving licence — Considerations for early adopters of ISO/IEC 18013-7

Second edition
2025-12

Identification des personnes — Permis de conduire conforme à l'ISO — Éléments à prendre en compte pour les premiers utilisateurs de l'ISO/IEC 18013-7

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Foreword

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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Cards and security devices for personal identification*.

This second edition cancels and replaces the first edition (ISO/IEC TR 25219:2024), which has been technically revised.

The main changes are as follows:

— added Clause 5 about W3C and OpenID Foundation initiatives.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html and www.iec.ch/national-committees.

Introduction

ISO/IEC 18013-5 [1] describes interface and related requirements to facilitate ISO-compliant driving licence functionality on a mobile device, standardizing the mobile driving licence (mDL) functionality.

ISO/IEC TS 18013-7 augments the capabilities of the mDL by describing the interface and related requirements for presentation to an mDL reader over the internet.

This document lists considerations for early adopters of ISO/IEC TS 18013-7, to the extent they are important to an early adopter. The protocols defined in ISO/IEC TS 18013-7 continue to be improved. This means that early adopters of ISO/IEC TS 18013-7 can expect to see updates in the future.

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1   Scope

This document specifies considerations that can be of use to implementers and developers that elect to participate in work around updates to ISO/IEC TS 18013-7. These considerations are intended to support the improvements, to maximize backward compatibility and to, at minimum, maintain the security and privacy properties already embodied in ISO/IEC TS 18013-7. This document also provides additional information related to these considerations.

2   Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC TS 18013-7, *Personal identification — ISO-compliant driving licence — Part 7: Mobile driving licence (mDL) add-on functions*

Bibliography

[1]   ISO/IEC 18013-5, *Personal identification — ISO-compliant driving licence — Part 5: Mobile driving licence (mDL) application*

[2]   ISO/IEC TS 18013-7:2025, *Personal identification — ISO-compliant driving licence — Part 7: Mobile driving licence (mDL) add-on functions*

[3]   Verifiable Credentials Data Model 1.1", 19 November 2019, https://www.w3.org/TR/2022/REC-vc-data-model-20220303/

[4]   Hyperledger Indy Project, 2022, https://www.hyperledger.org/use/hyperledger-indy

[5]   Internet Engineering Task Force (IETF), SD-JWT-based Verifiable Credentials, https://datatracker.ietf.org/doc/html/draft-ietf-oauth-sd-jwt-vc-08