INTERNATIONAL STANDARD

ISO/IEC 18013-5:2021(E)

# Personal identification — ISO-compliant driving licence —

### Part 5:

## Mobile driving licence (mDL) application

### 1 Scope

This document establishes interface specifications for the implementation of a driving licence in association with a mobile device. This document specifies the interface between the mDL and mDL reader and the interface between the mDL reader and the issuing authority infrastructure. This document also enables parties other than the issuing authority (e.g. other issuing authorities, or mDL verifiers in other countries) to:

- use a machine to obtain the mDL data;
- tie the mDL to the mDL holder;
- authenticate the origin of the mDL data;
- verify the integrity of the mDL data.

The following items are out of scope for this document:

how mDL holder consent to share data is obtained;

— Part 1: Physical characteristics and basic data set

requirements on storage of mDL data and mDL private keys.

#### 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 3166-1, Codes for the representation of names of countries and their subdivisions — Part 1: Country code

ISO 3166-2:2020, Codes for the representation of names of countries and their subdivisions — Part 2: Country subdivision code

 ${\tt ISO/IEC~5218,} \textit{Information technology} - \textit{Codes for the representation of human sexes}$ 

ISO/IEC 7816-4:2020, Identification cards — Integrated circuit cards — Part 4: Organization, security and commands for interchange

ISO/IEC 8859-1, Information technology — 8-bit single-byte coded graphic character sets — Part 1: Latin alphabet No. 1

ISO/IEC 18004, Information technology — Automatic identification and data capture techniques — QR Code bar code symbology specification

ISO/IEC 18013-1:2018, Information technology — Personal identification — ISO-compliant driving licence

ISO/IEC 18013-2:2020, Personal identification — ISO-compliant driving licence — Part 2: Machine-readable technologies



