
**Information technology — Mobile item
identification and management — User
data for Mobile AIDC services**

*Technologies de l'information — Gestion et identification d'élément
mobile — Données d'utilisateur pour services AIDC mobiles*

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO/IEC 29175 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 31, *Automatic identification and data capture techniques*.

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Information technology — Mobile item identification and management — User data for Mobile AIDC services

1 Scope

This International Standard provides identification of user data for the purpose of encoding and identifying user data in Mobile AIDC services using

- ISO/IEC 29143 radio frequency (RF) tags;
- ISO/IEC 18000-63 RF tags, and
- ISO/IEC 15434-applied optically readable media such as linear bar codes and two-dimensional symbols.

2 Normative references

The following referenced documents are indispensable for the application 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 15434, *Information technology — Automatic identification and data capture techniques — Syntax for high-capacity ADC media*

ISO/IEC 15961-2, *Information technology — Radio frequency identification (RFID) for item management — Data protocol — Part 2: Registration of RFID data constructs*

ISO/IEC 15962, *Information technology — Radio frequency identification (RFID) for item management — Data protocol: data encoding rules and logical memory functions*

ISO/IEC 18000-6, *Information technology — Radio frequency identification for item management — Part 6: Parameters for air interface communications at 860 MHz to 960 MHz*

ISO/IEC 19762 (all parts), *Information technology — Automatic identification and data capture (AIDC) techniques — Harmonized vocabulary*

ISO/IEC 29143, *Information technology — Automatic identification and data capture techniques — Air interface specification for Mobile RFID interrogators*

ISO/IEC TR 29172, *Information technology — Mobile item identification and management — Reference architecture for Mobile AIDC services*

ISO/IEC 29174-1, *Information technology — UJI scheme and encoding format for Mobile AIDC services — Part 1: Identifier scheme for multimedia information access triggered by tag-based identification*¹

ANSI MH10.8.2, Data Identifier and Application Identifier Standard

¹ To be published.