



Information and documentation — RFID in libraries

Part 2: Encoding of RFID data elements based on rules from ISO/IEC 15962



AS ISO 28560.2:2019

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- Australian Computer Society
- Australian Library and Information Association
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- CSIRO
- Education Services Australia
- Flinders University of South Australia
- Institute for Metadata Management (Australia)
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Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee IT-019, Information and Documentation, Information Technology — Learning, Education, Training and Research, to supersede AS/NZS ISO 28560.2:2015, *Information and documentation — RFID in libraries, Part 2: Encoding of RFID data elements based on rules from ISO/IEC 15962*.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to specify a data model and encoding rules for the use of radio frequency identification (RFID) tags for items appropriate for the needs of all types of libraries (including national, academic, public, corporate, special, and school libraries). The rules for encoding a subset of data elements taken from the total set of data elements defined in AS/NZS ISO 28560-1 are based on ISO/IEC 15962, which uses an object identifier structure to identify data elements.

This document defines the technical characteristics required to encode the data elements defined in AS/NZS ISO 28560.1 in accordance with ISO/IEC 15962. These subsets of data elements can be different on different items in the same library. The encoding rules also enable the optional data to be organized on the RFID tag in any sequence. In addition, the encoding rules provide for flexible encoding of variable length and variable format data.

This Standard is identical with, and has been reproduced from, ISO 28560-2:2018, *Information and documentation — RFID in libraries — Part 2: Encoding of RFID data elements based on rules from ISO/IEC 15962*.

As this document has been reproduced from an International Standard, a full point substitutes for a comma when referring to a decimal marker.

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