

ISO 28560-1:2023-06 (E)

Information and documentation - RFID in libraries - Part 1: Data elements and general guidelines for implementation

Contents		Page
	Foreword	v
	Introduction	vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	User data elements	2
4.1	Overview of user data elements.....	2
4.2	Use of user data elements.....	5
4.2.1	Primary item identifier.....	5
4.2.2	Content parameter.....	5
4.2.3	Owner institution (ISIL).....	5
4.2.4	Set information.....	5
4.2.5	Type of usage.....	6
4.2.6	Shelf location.....	7
4.2.7	ONIX media format.....	7
4.2.8	MARC media format.....	7
4.2.9	Supplier identifier.....	7
4.2.10	Order number.....	8
4.2.11	ILL borrowing institution (ISIL).....	8
4.2.12	ILL borrowing transaction number.....	8
4.2.13	GS1 product identifier.....	8
4.2.14	Alternative unique item identifier.....	9
4.2.15	Local data A.....	9
4.2.16	Local data B.....	9
4.2.17	Title.....	9
4.2.18	Product identifier local.....	9
4.2.19	Media format (other).....	9
4.2.20	Supply chain stage.....	9
4.2.21	Supplier invoice number.....	10
4.2.22	Alternative item identifier.....	10
4.2.23	Alternative owner institution.....	10
4.2.24	Subsidiary of an owner institution.....	10
4.2.25	Alternative ILL borrowing institution.....	10
4.2.26	Local data C.....	10
4.2.27	Reserved data element.....	11
4.2.28	Reserved data element.....	11
4.2.29	Reserved data element.....	11
4.2.30	Reserved data element.....	11
4.2.31	Reserved data element.....	11
4.3	Maintenance of the list of data elements used.....	11
5	System data elements	11
5.1	System data versus user data.....	11
5.2	System data elements for identification and item security in libraries.....	11
5.2.1	General.....	11
5.2.2	Application family identifier (AFI).....	11
5.2.3	Data storage format identifier (DSFID).....	12
5.2.4	Unique tag ID.....	12
5.2.5	Electronic article surveillance (EAS).....	12

6	Tools for data security and integrity	13
7	Regional and business profiling	13
7.1	Elements for profiles	13
7.2	Regional profiles	13
7.3	Business profiles	13
8	Privacy issues	14
9	Implementation and migration	15
9.1	New RFID implementations	15
9.2	Migration for regional models	15
9.3	Use of the correct AFI value	15
9.4	Discrimination between ISO 28560-compliant and non-compliant tags	15
9.5	Migrations of ISO/IEC 18000-3 Mode 1 RFID tags	16
9.6	Migrations of other RFID tag technologies	16
9.7	Conversion methodologies	16
9.8	Preservation of business profiles during migration	17
10	Label design and location of the label	17
10.1	Label design	17
10.2	Location of the RFID label	17
	Annex A (informative) Information about ISO 28560 RFID in libraries	18
	Annex B (informative) Uniqueness of RFID tags	19
	Annex C (normative) Type of usage code values (hexadecimal)	20
	Annex D (informative) Country prefixes for supplier identifier	22
	Annex E (informative) Interoperability characteristics of security systems	23
	Bibliography	27