

Annex 0.4 – List of Basic Standards

List of International Standards for Smart Cards

Standard Identification	Standard Name
ISO/IEC 7810: 1995	Identification cards - Physical characteristics
ISO/IEC 7812-1:1993	Identification cards - Identification of Issuers - Part 1: Numbering system
ISO/IEC 7812-2:1993	Identification cards - Identification of Issuers - Part 2: Application and registration procedures
ISO/IEC 7813: 1995	Identification cards – Financial transaction cards
ISO/IEC 7816-1:1998	Identification cards - Integrated circuit(s) cards with contacts - Part 1: Physical characteristics.
ISO/IEC 7816-2:	Information technology – identification cards – Integrated circuit(s) cards with contacts – part 2: Dimensions and location of the contacts
ISO/IEC 7816-3:	Information technology – identification cards – Integrated circuit(s) cards with contacts – part 3: Electronic Signals and transmission protocols.
ISO/IEC 7816-4:1995	Information technology - Identification cards - Integrated circuit(s) cards with contacts - Part 4: Interindustry commands for interchange AMENDMENT 1: Impact of Secure Messaging on the Structures of APDU Messages (new standard)
ISO/IEC 7816-5:1994	Identification cards - Integrated circuit(s) cards with contacts - Part 5:

Standard Identification	Standard Name
	Numbering system and registration procedure for application identifiers
ISO/IEC 7816-6:1996	Identification cards - Integrated circuit(s) cards with contacts - Part 6: Interindustry data elements
ISO/IEC 7816-7:1999	Identification cards - Integrated circuit(s) cards with contacts - Part 7: Interindustry commands for Structured Card Query Language (SCQL)
ISO/IEC 7816-8:1999	Identification cards - Integrated circuit(s) cards with contacts - Part 8: Security related interindustry commands
ISO/IEC 7816-9	Identification cards - Integrated circuit(s) cards with contacts - Part 9: Additional interindustry commands and security attributes (not published yet)
ISO/IEC 7816-10:1999	Identification cards - Integrated circuit(s) cards with contacts - Part 10: Electronic signals and answer to reset for synchronous cards
ISO/IEC 7816-11	Identification cards - Integrated circuit(s) cards with contacts - Part 11: Framework for dynamic handling of multiple application in integrated circuit cards (not published yet)
ISO/IEC 7816-15	Identification cards - Integrated circuit(s) cards with contacts - Part 15: Cryptographic Information Application (not published yet)
ISO/IEC 10373-1:1998	Identification cards - Test methods - Part 1: General characteristic tests
ISO/IEC 10373-3	Identification cards - Test methods - Part 3: Integrated circuit(s) cards (not published yet)
ISO/IEC 10373-4	Identification cards - Test methods - Part 4: Contactless integrated circuit cards (not published yet)

Standard Identification	Standard Name
ISO/IEC 10373-6	Identification cards - Test methods - Part 6: Proximity cards (not published yet)
ISO/IEC 14443-1	Identification cards - Contactless integrated circuit(s) cards - Proximity cards - Part 1: Physical characteristics
ISO/IEC 14443-2	Identification cards - Contactless integrated circuit(s) cards - Proximity cards - Part 2: Radio frequency interface power and signal interface
ISO/IEC 14443-3	Identification cards - Contactless integrated circuit(s) cards - Proximity cards - Part 3: Initialization and anti-collision
ISO/IEC 14443-4	Identification cards - Contactless integrated circuit(s) cards - Proximity cards - Part 4: Transmission protocols

List of Israeli Standards (IS)

Standard Identification	Standard Name
IS - 4400	Identification cards - Integrated circuit(s) cards with contacts - Part 5: Numbering system and registration procedure for application identifiers
IS - 4424	Data processing: Hebrew Implementation in Smart Cards.
IS - 974	Data Processing - Data Exchange: Parts 1-5.
IS - 1097	Data Processing: Country codes.
IS - 1111	Data Processing - Data Exchange: Date and Time Representation.
IS - 4186	Data Processing – Data Exchange: Non-Population Entities.

List of International Standards: PKI and Digital Signature

Standard ID	Standard name
ISO/IEC 10118-3:1998	Information Technology- Security Techniques – Hash functions. Part 3: Dedicated hash functions.
ISO/IEC 9594	Information Technology – Open Systems Interconnection – The Directory: Part 1 – part 10 (See Part 8 below).
ISO/IEC 9594-8:1998 (E)	Information Technology – Open Systems Interconnection – The Directory: Authentication Framework.

Other Standards

Standard ID	Standard name
ISO /IEC 9796: 1991	Digital signature giving message recovery – Part 1: Mechanisms using redundancy
ISO /IEC 9796-2: 1997	Digital signature giving message recovery – Part 2: Mechanisms using a Hash-function
ISO /IEC 9796-3: 1996	Digital signature giving message recovery – Part 3: Mechanisms using a Check function
ISO /IEC 9796-4: 1998	Digital signature giving message recovery – Part 4: Discrete logarithm based mechanisms
ISO / IEC 14888-1: 1998	Digital signature with appendix – Part 1: General
ISO / IEC 14888-2: 1998	Digital signature with appendix – Part 2: Identity-based mechanism
ISO / IEC 14888-3: 1998	Digital signature with appendix – Part 1: certificate-based mechanism
ISO/ IEC 15408-1: 1998	Evaluation criteria for IT security – Part 1: Introduction and general model
ISO/ IEC 15408-2: 1998	Evaluation criteria for IT security – Part 2: Security functional requirements

ISO/ IEC 15408-3: 1998	Evaluation criteria for IT security – Part 3: Security assurance requirements
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