
**Identification cards — Integrated
circuit cards —**

**Part 9:
Commands for card management**

Cartes d'identification — Cartes à circuit intégré —

Partie 9: Commandes pour la gestion des cartes

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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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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.

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This document was prepared by ISO/IEC JTC 1, *Information technology*, Subcommittee SC 17, *Cards and security devices for personal identification*.

This third edition cancels and replaces the second edition (ISO/IEC 7816-9:2004), which has been technically revised.

The main changes compared to the previous edition are as follows:

- a template 'AE' has been proposed for the configuration of command-dependent LCS transitions (see CREATE command);
- [Figure 1](#) (generic LCS transition diagram) has been modified;
- DELETE, ACTIVATE, DEACTIVATE, TERMINATE commands have been redesigned with a common generic P1 parameter, and existing commands have remained unchanged for legacy reasons; [6.1](#) describes generic or legacy command options and [Table 3](#) describes the bitmap of P1 and P2 for legacy commands and extended command (generic ones);
- MANAGE DATA and DELETE DATA commands have been reserved for DO only; enquiry on DELETE DATA usefulness has been confirmed and the command maintained but declared as likely to be deprecated in future revisions of this document;
- dedicated subclauses have been provided addressing LCS inheritance and LCS evaluation;
- new terminology and rules for evaluated LCS category have been provided: directly assigned or effective, with addition of a recursive table for effective LCS allotment to the child object;
- the command CREATE DATA has been renamed CREATE and assigned a P1 parameter borrowed from generic commands for the sake of harmonization.

A list of all parts in the ISO/IEC 7816 series can be found on the ISO website.