

# ISO STD 7816

[http://en.wikipedia.org/wiki/ISO/IEC\\_7816](http://en.wikipedia.org/wiki/ISO/IEC_7816)

ISO/IEC 7816 is an international standard related to electronic identification cards with contacts, especially smart cards, managed jointly by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC). It is edited by the Joint technical committee (JTC) 1 / Sub-Committee (SC) 17, Cards and personal identification. The following lists the different parts of this standard.

7816-1: Physical characteristics <a href="http://www.cardwerk.com/smartcards/smartcard_standard_ISO7816-1.aspx">http://www.cardwerk.com/smartcards/smartcard_standard_ISO7816-1.aspx</a>
7816-2: Cards with contacts — Dimensions and location of the contacts <a href="http://www.cardwerk.com/smartcards/smartcard_standard_ISO7816-2.aspx">http://www.cardwerk.com/smartcards/smartcard_standard_ISO7816-2.aspx</a>
7816-3: Cards with contacts — Electrical interface and transmission protocols <a href="http://www.cardwerk.com/smartcards/smartcard_standard_ISO7816-3.aspx">http://www.cardwerk.com/smartcards/smartcard_standard_ISO7816-3.aspx</a>
7816-4: Organization, security and commands for interchange <a href="http://www.cardwerk.com/smartcards/smartcard_standard_ISO7816-4.aspx">http://www.cardwerk.com/smartcards/smartcard_standard_ISO7816-4.aspx</a>
7816-5: Registration of application providers <a href="http://www.iso.org/iso/catalogue_detail?csnumber=34259">http://www.iso.org/iso/catalogue_detail?csnumber=34259</a>
7816-6: Interindustry data elements for interchange <a href="http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=38780">http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=38780</a>
7816-7: Interindustry commands for Structured Card Query Language (SCQL) <a href="http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=28869">http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=28869</a>
7816-8: Commands for security operations <a href="http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=37989">http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=37989</a>
7816-9: Commands for card management <a href="http://www.iso.org/iso/catalogue_detail?csnumber=37990">http://www.iso.org/iso/catalogue_detail?csnumber=37990</a>
7816-10: Electronic signals and answer to reset for synchronous cards <a href="http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=30558">http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=30558</a>
7816-11 Personal verification through biometric methods <a href="http://www.iso.org/iso/catalogue_detail.htm?csnumber=31419">http://www.iso.org/iso/catalogue_detail.htm?csnumber=31419</a>
7816-12 Cards with contacts — USB electrical interface and operating procedures <a href="http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=40604">http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=40604</a>
7816-13: Commands for application management in multi-application environment <a href="http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=40605">http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=40605</a>
7816-15: Cryptographic information application <a href="http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=35168">http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=35168</a>