

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

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Security technical requirements for electronic payment of mobile terminal based on short-range radio communication technology

基于近距离无线通信技术的移动终端电子支付安全技术要求

(English Translation)

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What this standard covers

This standard specifies the security requirements for electronic payment of mobile terminals based on short-range wireless communication technology, including key management technical requirements, smart card security technical requirements, mobile terminal security technical requirements, payment of security requirements within the application lifecycle, and electronic Payment related to the technical requirements of communication security, abnormal payment of electronic security requirements and related algorithms. The key management technical requirements are mainly key management and security technical requirements for the smart card security domain based on the Global Platform (GP) architecture. The key management and security technical requirements of the payment service are not specified in this report. In this report, the electronic payment Application of the storage and processing using smart card. This report is applicable to electronic payment of mobile terminals based on short-range wireless communication technology.

Document data

Chinese classification (CCS): M37.

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Standards quoted by this document

ISO/IEC 7816-1; ISO/IEC 7816-2; ISO/IEC 7816-3; ITU-T X.509; 3GPP TS 03.48; ETSI TS 102 223; ETSI TS 102 225; ETSI TS 102 226; GLOBAL PLATFORM CARD SPECIFICATION V2.2; GLOBAL PLATFORM CARD SPECIFICATION V2.1.1; GLOBAL PLATFORM CARD SPECIFICATION V 2.2-AMENDMENT A- GLOBAL PLATFORM CARD SPECIFICATION V 2.2. AMENDMENT A; SUN MICROSYSTEMS INC.; JAVA COMMUNITY PROCESS