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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 26237.7-2013

**Information technology -- Biometric data interchange formats --
Part 7: Signature/sign time series data**

信息技术 生物特征识别数据交换格式 第7部分：签名/签字时间序列数据
(English Translation)

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Foreword

GB/T 26237 "Information technology - Biometric data interchange format" is divided into the following 14 sections.

- Part 1. Framework;
- Part 2. minutiae data;
- Part 3. Finger pattern spectral data;
- Part 4. Finger image data;
- Part 5. Face image data;
- Part 6. Iris image data;
- Part 7. Signature/signature time-series data;
- Part 8. skeleton type fingerprint data;
- Part 9. Vascular biometric image data;
- Part 10. Hand-shaped contour data;

--- Part 11. treated signature/signature dynamic data;

--- Part 12. face shape characteristic data;

--- Part 13. Sound data;

Part --- Article 14. DNA data.

This section GB/T Part of 726,237.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section uses redrafted law, revise international standards ISO/IEC 19794-7:2007 "Information technology - Biometric identification number Data exchange formats - Part 7. Signature/signature time-series data." this part of ISO/IEC 19794-7:2007 technical and structural differences compared to the terms of these differences has been involved through its the outer margins of the vertical position of single line (l) were marked.

--- Normative references added to the GB/T 1988-1998 of reference;

--- Normative references in a reference to ISO/IEC 19794-1 modified for the GB/T 26237.1-2010 (ISO/IEC 19794-1:2006, MOD) references;

--- Increased Acronyms Chapter 5;

--- 8.3.4 modify the formula in writing format.

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

This part of the National Information Technology Standardization Technical Committee (SAC/TC28) and focal points.

This section drafted by. China Electronics Standardization Institute, China UnionPay Co., Ltd., Beijing Vimicro.

Introduction

Signature/signature information with its personalized features, to some extent, with anti-repudiation and resistance to alternative can be widely used in the body needs Identify parts of the case, such as bank card payment process can be used as proof of the cardholder to confirm the transaction.

This section signature/signature information provides a data (exchange format, provides the signature/signing interconnection can record format Series data format). Appendix A of this section gives best practices for data collection, Appendix B shows the data exchange format ASN.1 specification, Annex C gives the signature/signature coding examples.

Information technology - Biometric data interchange formats Part 7. Signature/signature

time-series data

1 Scope

This section GB/T 26237 specifies the dynamic signature/signature behavioral data concepts and data exchange format, the data in a time series such as the use of digital signatures in the form of plates or obtain advanced pen collection system. This data exchange format in the application or make a handwritten signature or signatures Application areas are used in common. This section contains definitions of relevant terms, the two formats are described in data collection, data (common grid Formula for smart cards and tokens and other compression formats), as well as best practices for data block contents and sample data collection, for example.

This section applies to the dynamic signature/signature time-series data of the biometric registration, verification and identification systems.

2 Compliance

Biometric data block to meet the following requirements in line with the relevant specifications of this section.

--- Data structure block formats to meet the requirements of this section;

--- Between field data block format satisfies the requirements of this section;

Relations lower input data field --- data block with this subpart normative provisions stipulated between a form in this section Claim.

3 Normative References

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 1988-1998 Technical information interchange bit coded character set (eqv ISO/IEC 646:1991) GB/T 26237.1-2010 Information technology - Biometric data interchange formats - Part 1. Framework (ISO/IEC 19794-1:2006, MOD) ISO/IEC 19785-1 Information technology - Biometric public Exchange Formats Framework - Part 1. Data element specification (Information technology - Common Biometric Exchange Formats Framework (CBEFF) - Part 1. Data elements specification) ISO/IEC 19785-2 Information technology - Biometric public Exchange Formats Framework - Part 2. Biometrics RI Configuration procedures (Information technology - Common Biometric Exchange Formats Framework (CBEFF) - Part 2. Procedures for the operation of the Biometric Registration Authority) ISO/IEC 19785-3 Information technology - Biometric public Exchange Formats Framework - Part 3. physical format specification

(Information technology - Common Biometric Exchange Formats Framework (CBEFF) - Part 3. Patron for-mats specifications)

4 Terms and Definitions

GB/T 26237.1-2010 definition of terms and definitions as well as the following terms and definitions apply to this document.