

ICS 37.080
CCS A 14



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

GB/T 32010.1-2015

**Document management -- Portable document format -- Part 1:
PDF 1.7**

文献管理 可移植文档格式 第1部分：PDF 1.7

(English Translation)

Issued on: September 11, 2015

Implemented on: April 1, 2016

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China**

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Foreword

Based on the current ISO 32000 series of standards, the standard consists of at least the following.

- Part 1. PDF1.7;

Part 2. PDF2.0.

This part is part 1 of GB/T 32010.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This part uses the translation method equivalent to ISO 32000-1.:2008 "Document management Portable electronic document format Part 1.

PDF1.7 ".

This part of the ISO 32000-1.:2008 made the following editorial changes.

- Added Appendix NA to translate the terms commonly used in the PDF series of standards, providing a Chinese and English comparison table;
- The additional appendix NA was described in the preamble.

Introduction

PDF as a digital format for representing documents has been adopted by many organizations or individuals around the world. International standards the organization publishes ISO 32000-1 in 2008 to standardize the development and development of PDF documents, which follows ISO 19005-1 (PDF/A-1) after the PDF full feature set standard. China has adopted the ISO 19005-1 on the basis of the development of the GB/T 23286.1-"Document Management Format for Long - term Document Management in Document Management". This part is equivalent to ISO 32000-1:2008.

ISO 32000 is a full-featured PDF set of international standards for the development of PDF reader, editor and interface conversion tool software Developer. The following international standards have a more specific use. Such as PDF/X (ISO 15930) is an industry standard in traditional printing the electronic prepress system used as an intermediate representation of the printed material; PDF/A (ISO 19005) is a long term guarantee for archiving digital documents Standard PDF/E (ISO 24517) provides a mechanism for presenting engineering documents and exchanging engineering data. With government departments, educational machines Organizations and businesses to streamline their operational processes, paper-based workflows will be replaced by electronic information exchange, the impact of PDF applications and opportunities will continue to grow at a high speed.

The purpose of creating a PDF is to allow users to rely on any document to create, view or print the environment, you can easily and reliably pay Change and view electronic documents. PDF is a high-level imaging model derived from the PostScript page description language. This PDF imaging model supports Hold text and graphics in a way that is independent of device and resolution. In order to improve the performance of interactive viewing, with most PostScript Language program, PDF defines a more structured format. Unlike the Postscript programming language, PDF is based on one Structured binaries format, optimized for high-performance interactive viewing. PDFs can also contain annotations and hypertext links and so on, they are not part of the page content itself, but are useful for interactive viewing and document exchange.

PDF files can be created in PDF format in the form of PDF, or converted from other electronic formats, but also on paper, microforms or their His hardcopy format is digitized. Many of the world's institutions or individuals are using the PDF file format to show the mass of important information.

At present, PDF has been widely used in electronic exchange of documents. A variety of specific PDF applications have been developed on the market Limiting the use of certain

PDF functions but satisfying the specific functional requirements of some industries and enhancing the usability of PDF.

Users can combine PDFs with the software that creates, view, print, and manipulate PDFs in a variety of ways to meet a variety of electronic document production, exchange and use requirements, including.

- save the fidelity of the document, not affected by equipment, platforms and software;
- Combine the contents of different sources (eg, website, word processing and spreadsheet software, scanned documents, photos and graphics) into a single in the document, while maintaining the integrity of all original source documents;
- edit documents from multiple locations or platforms;
- through the digital signature to verify the authenticity;
- set security and permissions to enable the creator to maintain control of documents and associated licenses;
- for disabled users, the content is available;
- the use of other file formats and applications, the content of the extraction and re-use feasible;
- Use the electronic form to collect data and integrate it into the business system.

The publisher of this section reminds you of the following. The compliance with this document may involve the use of patents owned by the following parties.

The patent is related to creating, modifying, displaying and processing PDF files.

AdobeSystemsIncorporated, 345ParkAvenue, SanJose, California, 95110-2704, USA.

The issuer of this part does not hold any view on the evidence, legality and scope of application of these patents.

The owners of these patents have assured ISO that they are willing to comply with reasonable and non-discriminatory terms and conditions, Please consult the permission. In this regard, the statements of these patent owners have been registered in ISO . Related information can be obtained from the above parties.

Reference documents can be found here.

Document management

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