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## **Document management — Portable Document Format — Extensions to Digital Signatures in ISO 32000-2 (PDF 2.0)**

*Gestion de documents — Format de document portable — Extensions pour les signatures numériques dans l'ISO 32000-2 (PDF 2.0)*



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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 171, *Document management applications*, Subcommittee SC 2, *Document file formats, EDMS systems and authenticity of information*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

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## Introduction

Digital signatures are a fundamental part of the ISO 32000 series. ISO 32000-2 contains updated digital signature support, but in the time since that standard was published, new algorithms have been developed or risen to prominence.

To ensure that PDF remains relevant in the fast-moving world of cryptography and remains current with best practices, these techniques should be refreshed and updated regularly. This document builds upon the mechanisms present in ISO 32000-2 and extends and enhances them to meet the latest needs of the industry.