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INCITS/ISO/IEC 15444-1:2004[R2010]

INCITS/ISO/IEC 15444-1-2004
(ISO/IEC 15444-1-2004, IDT)

American National Standard

*Information technology —
JPEG 2000*

image coding system: Core coding system

Developed by



Where IT all begins



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Adopted by INCITS (InterNational Committee for Information Technology Standards) as an American National Standard.

Date of ANSI Approval: 11/29/2005

Published by American National Standards Institute,
25 West 43rd Street, New York, New York 10036

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

The International Organization for Standardization (ISO) and International Electrotechnical Commission (IEC) draw attention to the fact that it is claimed that compliance with this document may involve the use of patents, as indicated in Table L.1.

This part of ISO/IEC 15444 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information* in collaboration with ITU-T. The identical text is published as ITU-T Rec. T.800.

This second edition cancels and replaces the first edition (ISO/IEC 15444-1:2000), of which it constitutes a minor revision. It also incorporates the Amendment ISO/IEC 15444-1:2000/Amd.1:2002 and the Technical Corrigenda ISO/IEC 15444-1:2000/Cor.1:2002 and ISO/IEC 15444-1:2000/Cor.2:2002.

ISO/IEC 15444 consists of the following parts, under the general title *Information technology — JPEG 2000 image coding system*:

- *Part 1: Core coding system*
- *Part 2: Extensions*
- *Part 3: Motion JPEG 2000*
- *Part 4: Conformance testing*
- *Part 5: Reference software*
- *Part 6: Compound image file format*
- *Part 9: Interactivity tools, APIs and protocols*

The following part is under preparation:

- *Part 8: Secure JPEG 2000*