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**Information technology — JPEG XR  
image coding system —**

**Part 1:  
System architecture**

*Technologies de l'information — Système de codage d'image JPEG  
XR —*

*Partie 1: Architecture du système*

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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.

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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.

In exceptional circumstances, when the joint technical committee has collected data of a different kind from that which is normally published as an International Standard (“state of the art”, for example), it may decide to publish a Technical Report. A Technical Report is entirely informative in nature and shall be subject to review every five years in the same manner as an International Standard.

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- *Part 1: System architecture* [Technical Report]
- *Part 2: Image coding specification*
- *Part 3: Motion JPEG XR*
- *Part 4: Conformance testing*
- *Part 5: Reference software*

# Information technology — JPEG XR image coding system —

## Part 1: System architecture

### 1 Scope

This document is a non-normative Supplement | Technical Report providing a technical overview and encoding and decoding practice guidelines for the JPEG XR image coding system as normatively specified in ITU-T Rec. T.832 | ISO/IEC 29199-2, ITU-T Rec. T.833 | ISO/IEC 29199-3, ITU-T Rec. T.834 | ISO/IEC 29199-4, and ITU-T Rec. T.835 | ISO/IEC 29199-5.