TECHNICAL REPORT

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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

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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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ISO/IEC TR 29199-1 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

ISO/IEC TR 29199 consists of the following parts, under the general title *Information technology — JPEG XR image coding system*:

— *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.