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**Information technology — Multimedia  
framework (MPEG-21) —**

**Part 22:  
User Description**

*Technologies de l'information — Cadre multimédia (MPEG-21) —  
Partie 22: Description de l'utilisateur*



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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.

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 document 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/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

This second edition cancels and replaces the first edition (ISO/IEC 21000-22:2016), which has been technically revised. It also incorporates the Amendment ISO/IEC 21000-22:2016/Amd. 1:2018.

The main changes compared to the previous edition are as follows:

- addition of technologies related to loudness control and visual expression.

A list of all parts in the ISO/IEC 21000 series can be found on the ISO website.

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).



# **Information technology — Multimedia framework (MPEG-21) —**

## **Part 22: User description**

### **1 Scope**

This document standardizes four data formats: User Description (UD), Context Description (CD), Service Description (SD), and Recommendation Description (RD). This document also specifies technologies related to loudness control and visual expression.

### **2 Normative references**

There are no normative references in this document.