
**Information technology — Mobile
multicast communications: Protocol over
native IP multicast networks**

*Technologies de l'information — Communications de diffusion groupée
mobile: protocole sur des réseaux natifs IP de diffusion groupée*

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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.

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ISO/IEC 24793 consists of the following parts, under the general title *Information technology — Mobile multicast communications*:

- *Part 1: Framework*
- *Part 2: Protocol over native IP multicast networks*

INTERNATIONAL STANDARD**RECOMMENDATION ITU-T****Information technology – Mobile multicast communications:
protocol over native IP multicast networks****1 Scope**

This Recommendation | International Standard describes the specification of mobile multicast control protocol (MMCP) over native IP multicast networks for mobile multicast communications. The MMCP can be used to support a variety of multimedia multicasting services in the IP-based wireless mobile networks. The MMCP is targeted at the real-time one-to-many multicast services and applications over mobile communications networks. This Recommendation | International Standard describes the procedures and packet formats of the MMCP protocol.

2 Normative references

The following Recommendations and International Standards contain provisions which, through reference in this text, constitute provisions of this Recommendation | International Standard. At the time of publication, the editions indicated were valid. All Recommendations and Standards are subject to revision, and parties to agreements based on this Recommendation | International Standard are encouraged to investigate the possibility of applying the most recent edition of the Recommendations and Standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards. The Telecommunication Standardization Bureau of the ITU maintains a list of currently valid ITU-T Recommendations.

- Recommendation ITU-T X.604 (2010) | ISO/IEC 24793-1:2010, *Information technology – Mobile multicast communications: Framework*.