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SERIES G: TRANSMISSION SYSTEMS AND MEDIA,
DIGITAL SYSTEMS AND NETWORKS

Multimedia Quality of Service and performance – Generic
and user-related aspects

Quality of Experience requirements for telepresence services

Recommendation ITU-T G.1091

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Recommendation ITU-T G.1091

Quality of Experience requirements for telepresence services

Summary

Telepresence is an interactive audio-visual communications experience between remote locations, where users enjoy a strong sense of realism and presence between participants by optimizing a variety of attributes such as audio and video quality, eye contact, gaze awareness, body language, spatial audio, coordinated environments and natural image size. In this regard, delivering a high-level of quality of experience (QoE) is an important factor. Recommendation ITU-T G.1091 provides guidelines for achieving high QoE in telepresence services. First, a high-level description of a telepresence system is described, with an overview of important use cases. Then, specific audio and visual parameters, and other characteristics that are important from a QoE perspective are defined. Where possible, specific values for the parameters necessary to achieve high QoE are recommended, along with references to associated test methodologies.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
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QoE, telepresence.

* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>.

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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