



DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : LITD 23/T-25552

Date : 10 May 2024

TECHNICAL COMMITTEE : Coding and Processing Of Audio, Picture, Multimedia and Hypermedia Information, LITD 23

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Coding and Processing Of Audio, Picture, Multimedia and Hypermedia Information Sectional Committee, LITD 23. Please [click here](#) to view the document.

Document Number : LITD 23 (25552) WC

Title of the document : Information Technology Computer Graphics Image Processing and Environmental Data Representation Information Model For Mixed and Augmented Reality Content Core Objects and Attributes

Document Type : New Indian Standard

This document has following salient features which may require specific attention for your valuable comments:

1) In this document, a comprehensive set of information constructs for representing mixed and augmented reality (MAR) contents is described. This set of components extends the conventional ones used for representing virtual reality (VR) contents, as MAR environments are technically realized as virtual environments. The principles and requirements for the extension are laid out and the details of the component model including (but not limited to) those for representing physical real world objects, extending the virtual scene graph/structure to that for MAR (with the physical objects), how to spatially the physical objects into the MAR scene graph, associating these content components to the MAR system, and other miscellaneous constructs (e.g. event mapping, MAR events/ behaviours, video backdrops, etc.). This document is designed for the ease, generality and extendibility, and this is demonstrated with various examples and implementation results. The model will serve as a sound b

Please examine the document and share your comments regarding further improvement in the document.

Last date for sharing the comments is : 09 July 2024

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at litd@bis.gov.in to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

**Yours faithfully,
(REENA GARG)
Head (Electronics and Information Technology Department)
Email: litd@bis.gov.in**



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : LITD 23/T-25552

दिनांक : 10-05-2024

**तकनीकी समिति : Coding and Processing Of Audio, Picture, Multimedia and Hypermedia
Information Sectional Committee, LITD 23**

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : LITD 23 (25552) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

सम्मतियाँ भेजने की अंतिम तिथि : 09 July 2024

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट www.bis.gov.in पर भी उपलब्ध है/हैं।

धन्यवाद।

भवदीय/भवदिया,
विभाग प्रमुख का नाम : REENA GARG
(Electronics and Information Technology Department)
ई-मेल : litd@bis.gov.in