

P3333.2.3

Submitter Email: ylm2103@gmail.com
Type of Project: Modify Existing Approved PAR
PAR Request Date: 19-Dec-2016
PAR Approval Date: 17-Feb-2017
PAR Expiration Date: 31-Dec-2018
Status: Modification to a Previously Approved PAR
Root PAR: P3333.2.3 **Approved on:** 27-Mar-2014
Project Record: P3333.2.3

1.1 Project Number: P3333.2.3
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard for Three-Dimensional (3D) Medical Data Management

3.1 Working Group: 3D Based Medical Application Working group (EMB/Std Com/3333.2)

Contact Information for Working Group Chair

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3.2 Sponsoring Society and Committee: IEEE Engineering in Medicine and Biology Society/Standards Committee (EMB/Std Com)

Contact Information for Sponsor Chair

Name: Carole Carey
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Contact Information for Standards Representative

None

3.3 Joint Sponsor: IEEE Computer Society/Standards Activities Board (C/SAB)

Contact Information for Sponsor Chair

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4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 12/2017

4.3 Projected Completion Date for Submittal to RevCom

Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 10/2018

5.1 Approximate number of people expected to be actively involved in the development of this project: 40

5.2 Scope: This standard includes medical 2D and 3D data management such as storage, compression for transfer, regulation for wired or wireless transfer and search engine development for data retrieval.

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: The purpose of this standard is to allow standardized sharing method of 2D and 3D data with security for human-care manager and medical service providers for supporting the decision making process.

5.5 Need for the Project: Each hospital and research institute manage 2D and 3D medical data by using their own method. Therefore, reusing or referring the data to other institutes is too difficult. Therefore, if we manage the 2D and 3D medical data by using standardized plan, collaborative health care research and related projects can be done. For this plan, international cooperation is necessary based on knowledge of medicine, engineering, and other related fields.

5.6 Stakeholders for the Standard: Medical practitioner

Health care manager

Medical researcher

Information management company

U-health system developer

Hardwired and wireless operators

Intellectual Property

6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No

6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No

7.1 Are there other standards or projects with a similar scope?: No

7.2 Joint Development

Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes: A modified PAR is submitted to update primary sponsor as IEEE Engineering in Medicine and Biology Society/Standards Committee (EMB/Std Com) and joint sponsor as IEEE Computer Society/Standards Activities Board (C/SAB).