

P11073-20601

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Type of Project: Revision to IEEE Standard 11073-20601-2014

PAR Request Date: 11-Dec-2014

PAR Approval Date: 16-Feb-2015

PAR Expiration Date: 31-Dec-2019

Status: PAR for a Revision to an existing IEEE Standard

Root Project: 11073-20601-2014

1.1 Project Number: P11073-20601

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Health Informatics -- Personal Health Device Communication - Part 20601: Application Profile - Optimized Exchange Protocol

Changes in title: Health ~~informatics~~Informatics -- Personal ~~health~~Health ~~device~~Device ~~communication~~Communication - Part 20601: Application ~~profile~~Profile - Optimized Exchange Protocol

3.1 Working Group: Personal_Health_Device (EMB/11073/PHD)

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3.2 Sponsoring Society and Committee: IEEE Engineering in Medicine and Biology Society/IEEE 11073TM Standards Committee (EMB/11073)

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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: 06/2017

4.3 Projected Completion Date for Submittal to RevCom: 10/2018

5.1 Approximate number of people expected to be actively involved in the development of this project: 15

5.2 Scope: Within the context of the ISO/IEEE 11073 personal health device standard family, this standard defines an optimized exchange protocol and modeling techniques to be used by implementers of personal health devices to create interoperability between device types and vendors. This standard establishes a common framework for an abstract model of personal health data available in transport-independent transfer syntax required to establish logical connections between systems and to provide presentation capabilities and services needed to perform communication tasks. The protocol is optimized to personal health usage requirements and leverages commonly used methods and tools wherever possible.

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

5.4 Purpose: This standard addresses a need for an openly defined, independent standard for controlling information exchange to and from personal health devices and managers (e.g., cell phones, personal computers, personal health appliances, and set top boxes). Interoperability is key to growing the potential market for these devices and enabling people to be better informed participants in the management of their health.

5.5 Need for the Project: To enrich the functionalities of this standard, to enable the remote control, scheduling and device status reporting capability in the personal health devices, in order to better support our stakeholders' needs.

5.6 Stakeholders for the Standard: Stakeholders are people who use personal telehealth devices in home and mobile environments, personal telehealth device vendors, personal telehealth manager vendors, institutions that may ultimately receive data from these devices (e.g. hospitals, doctor offices, diet and fitness companies), payors (e.g. insurance companies), regulatory agencies, telemedicine consultants and businesses.

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 (Item Number and Explanation):