

P7002

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Type of Project: New IEEE Standard

PAR Request Date: 13-Oct-2016

PAR Approval Date: 07-Dec-2016

PAR Expiration Date: 31-Dec-2020

Status: PAR for a New IEEE Standard

Project Record: P7002

1.1 Project Number: P7002

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Data Privacy Process

3.1 Working Group: Personal Data Privacy Working Group (C/S2ESC/PDP)

Contact Information for Working Group Chair

Name: Matthew Silveira

Email Address: msilveira@objectivebusiness.us

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Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE Computer Society/Software & Systems Engineering Standards Committee (C/S2ESC)

Contact Information for Sponsor Chair

Name: Paul Croll

Email Address: pcroll@computer.org

Phone: 540-644-6224

Contact Information for Standards Representative

None

4.1 Type of Ballot: Individual

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 01/2018

4.3 Projected Completion Date for Submittal to RevCom

Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 08/2018

5.1 Approximate number of people expected to be actively involved in the development of this project: 30

5.2 Scope: This standard defines requirements for a systems/software engineering process for privacy oriented considerations regarding products, services, and systems utilizing employee, customer or other external user's personal data. It extends across the life cycle from policy through development, quality assurance, and value realization. It includes a use case and data model (including metadata). It applies to organizations and projects that are developing and deploying products, systems, processes, and applications that involve personal information. By providing specific procedures, diagrams, and checklists, users of this standard will be able to perform a conformity assessment on their specific privacy practices. Privacy impact assessments (PIAs) are described as a tool for both identifying where privacy controls and measures are needed and for confirming they are in place.

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 have one overall methodological approach that specifies practices to manage privacy issues within the systems/software engineering life cycle processes.

5.5 Need for the Project: Today the collection, control and ownership of personal data are largely controlled by the producers and providers of products and services versus the individuals who use them. While this model is beginning to shift in various global regions, it is nonetheless imperative for any modern organization wishing to engender trust and sustain loyalty with their stakeholders to imbue their life-cycle processes with privacy practices.

The most well-known and accepted frameworks for fair information governance are understood by the data privacy community, but they may be less known or understood by the technical or management stakeholders in an enterprise. When these governance principles are leveraged to create design and feature development requirements, they are joined to standard technical processes and a new but grounded framework

emerges.

5.6 Stakeholders for the Standard: Stakeholders include any employee, customer, or member of the public whose personal data is utilized in the creation or manufacture of the products, services and systems created by organizations utilizing this process. Organization based stakeholders include senior leadership, designers, engineers, producers, suppliers and marketers who design products, services and systems in a way to honor end user privacy and personal data. Furthermore, stakeholders include local, national, and international governing bodies responsible for the transfer, storage, (potential) sale, or dissemination of said personal data.

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?: Yes

If Yes please explain: In the ISO committee, ISO/IEC JTC 1/SC40/WG1, IT Governance, a series of standards is planned for IT Governance of Data, including data privacy. If appropriate, P7002 could be associated with that work. However, this project is at the engineering process level rather than focusing on governance by top management.

and answer the following

Sponsor Organization: ISO/IEC

Project/Standard Number: 38505-1

Project/Standard Date: 17-May-2016

Project/Standard Title: Information Technology -- Governance of IT -- Part 1: The application of ISO/IEC 38500 to the governance of data

7.2 Joint Development

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

8.1 Additional Explanatory Notes: 7.1, ISO/IEC 29100 - Information Technology - Security techniques - Privacy framework covers specific information assurance policy concerns and mechanisms, whereas this standard will focus on the infusion of privacy concerns in the engineering life cycle.