

P2796.1

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Type of Project: New IEEE Standard

PAR Request Date: 26-Jul-2018

PAR Approval Date: 27-Sep-2018

PAR Expiration Date: 31-Dec-2022

Status: PAR for a New IEEE Standard

Project Record: P2796.1

1.1 Project Number: P2796.1

1.2 Type of Document: Standard

1.3 Life Cycle: Full Use

2.1 Title: Standard for Data Requirements for Internet of Food (IoF) Systems

3.1 Working Group: Internet of Food (C/SAB/IoF)

Contact Information for Working Group Chair

Name: Kai Cui

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Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE Computer Society/Standards Activities Board (C/SAB)

Contact Information for Sponsor Chair

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4.1 Type of Ballot: Entity

4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 12/2021

4.3 Projected Completion Date for Submittal to RevCom

Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 10/2022

5.1 Approximate number of entities expected to be actively involved in the development of this project: 10

5.2 Scope: The standard develops data specifications for Internet of Food (IoF) system implementations. Data structure, coding scheme and reference information model for IoF applications are also defined to ensure interoperable, agile, and scalable network solutions and service delivery.

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 enable interoperability through a standardized data structure and reference information model for IoF systems.

5.5 Need for the Project: The adoption of unified IoF system approach and data requirements for the food sector underpins data sharing/collaboration, trust and interoperability within complex supply chains and enables better traceability of food, leading to increased food safety. This development will further reduce industry fragmentation and foster a symbiotic ecosystem of technology providers and players from the agri-food sector.

5.6 Stakeholders for the Standard: System operators, technology developers, networking equipment vendors, food processing enterprises, supply chain providers, retailers and consumers.

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: