P2510

Submitter Email: jucazila@cisco.com
Type of Project: New IEEE Standard
PAR Request Date: 04-May-2017
PAR Approval Date: 15-Jun-2017
PAR Expiration Date: 31-Dec-2021
Status: PAR for a New IEEE Standard

1.1 Project Number: P2510
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard for Establishing Quality of Data Sensor Parameters in the Internet of Things Environment

3.1 Working Group: Quality of Data in the IoT Environment Working Group (SEN/SC/EPS)
Contact Information for Working Group Chair
  Name: JUAN CAZILA
  Email Address: jucazila@cisco.com
  Phone: +5491154825247
Contact Information for Working Group Vice-Chair
None

3.2 Sponsoring Society and Committee: IEEE Sensors Council/Standards Committee (SEN/SC)
Contact Information for Sponsor Chair
  Name: Gerard Hayes
  Email Address: gerardjameshayes@gmail.com
  Phone: 9199000603
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: 05/2019
4.3 Projected Completion Date for Submittal to RevCom
Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.: 02/2020

5.1 Approximate number of people expected to be actively involved in the development of this project: 20
5.2 Scope: This standard defines quality measures, controls, parameters and definitions for sensor data related to Internet of Things (IoT) implementations.

5.3 Is the completion of this standard dependent upon the completion of another standard: No
5.4 Purpose: This document will not include a purpose clause.
5.5 Need for the Project: Sensor data such as speed, location, and temperature are increasingly used in IoT real-time analytics engines. Quality metrics for this sensor data are needed to improve the quality of the analytics decisions being made, such as closing oil and gas pipes, stopping cars or sending alerts.

5.6 Stakeholders for the Standard: Service Providers, Enterprise and Public Sector Customers deploying medium or large IoT (Sensors/Apps) deployments.

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: