

# P1912

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**Submitter Email:** [m.ulema@ieee.org](mailto:m.ulema@ieee.org)

**Type of Project:** Modify Existing Approved PAR

**PAR Request Date:** 08-Oct-2015

**PAR Approval Date:** 05-Dec-2015

**PAR Expiration Date:** 31-Dec-2019

**Status:** Modification to a Previously Approved PAR

**Root PAR:** P1912 **Approved on:** 26-Mar-2015

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**1.1 Project Number:** P1912

**1.2 Type of Document:** Standard

**1.3 Life Cycle:** Full Use

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**2.1 Title:** Standard for Privacy and Security Architecture for Consumer Wireless Devices

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**3.1 Working Group:** Privacy and Security Architecture for Consumer Wireless Devices Working Group (COM/SDB/P1912 WG)

**Contact Information for Working Group Chair**

**Name:** Lillie Coney

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**Phone:** 2029578170

**Contact Information for Working Group Vice-Chair**

None

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**3.2 Sponsoring Society and Committee:** IEEE Communications Society/Standards Development Board (COM/SDB)

**Contact Information for Sponsor Chair**

**Name:** Mehmet Ulema

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**3.3 Joint Sponsor:** IEEE Consumer Electronics Society/Standards Committee (CES/SC)

**Contact Information for Sponsor Chair**

**Name:** Yu Yuan

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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:** 01/2018

**4.3 Projected Completion Date for Submittal to RevCom:** 08/2018

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

**5.2 Scope:** This standard describes a common communication architecture for diverse wireless communication devices such as, but not limited to, devices equipped with near field communication (NFC), home area network (HAN), wireless area network (WAN) wireless personal area network (WPAN) technologies or radio frequency identification technology (RFID) considering proximity; and specifies approaches for end user security through device discovery/recognition, simplification of user authentication, tracking items/people under user control/responsibility, and supports alerting; while supporting privacy through user controlled sharing of information independent of the underlying wireless networking technology used by the devices.

**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:** Opportunities for innovation are present in the proliferation of wireless devices that consumers are using to better manage personal devices, user content, or wireless technology. Consumer adoption of portable technology supports customization on an individual level making personal devices of greater value to users. This enhanced value is inherent in the personal data regarding consumers and preferences related to programming or use of wireless devices. To sustain the value of portable devices greater security and ease of securing digital devices is essential. Establishing a common architecture providing privacy and security options to consumers can assist users in seamlessly integrating these technologies into their lives. The architecture addresses safety issues in the interior or immediate exterior of private homes and commercial spaces. This standard provides an opportunity to voluntarily achieve greater consumer and user control over physical devices and technologies that fit the unique needs of individual users. This standard extends greater control to owners or legitimate users through a common architecture, while supporting innovation and broad adoption of consumer communication devices and technologies.

**5.6 Stakeholders for the Standard:** Stakeholders for this standard include communication technology manufacturers, service providers, application developers, and end users.

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### **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

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**7.1 Are there other standards or projects with a similar scope?:** Yes

**If Yes please explain:** AllSeen Alliance, Open Interconnect Consortium (OIC) provide an overall framework including security, Organization for the Advancement of Structured Information Standards (OASIS) Privacy Management Reference Model (PMRM) and Privacy by Design Documentation for Software Engineers (PbD-SE)

IEEE 802.1X-2010 - IEEE Standard for Local and metropolitan area networks--Port-Based Network Access Control: An objective of PAR 1912 is the security of consumer end user wireless digital devices. IEEE 802.1X standard supports security of digital devices including wireless devices.

### **and answer the following**

**Sponsor Organization:** IEEE-802 LAN/MAN Standards Committee

**Project/Standard Number:** IEEE 802.1X

**Project/Standard Date:**

**Project/Standard Title:** IEEE Standard for Local and metropolitan area networks--Port-Based Network Access Control

### **7.2 Joint Development**

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

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**8.1 Additional Explanatory Notes (Item Number and Explanation):** The PAR is modified to include CES/SC as a joint sponsor.