This document contains supplemental information referenced by the European Rolling Plan for ICT Standardisation.

IEEE Standards Activities in ePrivacy

Overview

IEEE is working on a recommended practice to specify a privacy threat model for IEEE 802 technologies and provide recommendations on how to protect against privacy threats. This is important as IEEE 802 technologies play a major role in Internet connectivity. As an outcome of the IEEE Global Initiative for Ethical Considerations in Artificial Intelligence and Autonomous Systems, a number of projects have been initiated in the area of personal data privacy. A new pre-standardisation activity will develop a framework towards solutions that facilitate digital inclusion, trust, personal data agency and security. IEEE also has other new standards projects for privacy in consumer wireless devices and drones.

Relevant Standards Activities

Approved Standards*
* IEEE 2418, Standard for the Framework of Blockchain Use in Internet of Things (IoT)

Projects under Development*

Privacy Standards Projects
* IEEE P7002, Data Privacy Process
* IEEE P7004, Standard for Child and Student Data Governance
* IEEE P7005, Standard for Transparent Employer Data Governance
* IEEE P7006, Standard for Personal Data AI Agent
* IEEE P7012, Standard for Machine Readable Personal Privacy Terms
* IEEE P802E, Draft Recommended Practice for Privacy Considerations for IEEE 802 Technologies
* IEEE P1912, Draft Standard for Privacy and Security Architecture for Consumer Wireless Devices
* IEEE P2025.2, Draft Standard for Consumer Drones: Privacy and Security

Pre-standardization Industry Connections Activities
* IC 16-002, The Global Initiative for Ethical Considerations in the Design of Autonomous Systems
* IC 17-002, Digital Inclusion Through Trust and Agency
* IC17-006, Big Data Governance and Metadata Management
* IC18-002-01, Intellectual Property (IP) Security

*Draft standards projects, once approved, are often revised and/or used as the base for new projects. The status of these projects is updated periodically. For the most up-to-date status, please see the following link: <https://standards.ieee.org/project/index.html>