

IEEE Standard for Wearable Consumer Electronic Devices— Overview and Architecture

IEEE Consumer Technology Society

Developed by the
Standards Committee

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Standards Committee
of the
IEEE Consumer Technology Society

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Abstract: Wearable Consumer Electronic Devices (Wearables) are given an overview, terminology, and categorization in this standard. An architecture for a series of standard specifications that define technical requirements and testing methods for different aspects of wearables—from basic security and suitability of wear to various functional areas, such as health, fitness, and infotainment—is further outlined.

Keywords: application, architecture, classification, IEEE 360™, information security, reliability, safety, software, wearable, wireless

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