



CEA
Consumer Electronics Association

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CEA Technology & Standards

IoT Initiatives

Consumer Electronics Association (CEA)[®]



CEA IoT-Related Standards Activities and Projects

Domain: “inside the home, and other consumer-specific locations” (roughly)

- Driven by specific segments and problems that manufacturers are willing to spend time addressing through standards.
- Example, Wearables:
 - MAC/PHY standards are mostly done...
 - ...but CEA members requested “sleep-specific” standards.

Some current activities:

- Applications
 - IoT, Wearables: Sleep monitoring
- APIs: XML Schema
 - IoT, Home Automation: Schema to reduce manufacturer API support for 3rd-party developers
- Platforms: Cyber Security
 - IoT, general: Investigating options on security of IoT devices
- Link Layer: IPv6 Deployment
 - IoT, general: Developing IPv6 Profiles of hosts and routers
 - Planning test event in October 2014

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