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The Global Transition to IEC 62368-1: A New Product Safety Standard for Audio/Video, Information and Communication Technologies

Submitted by: Information Technology Industry Council



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ITI – Who We Are, How We Can Help

- 50 top information and communication technology companies...advocate for policies that advance industry leadership, innovation and ensure open access to global markets...including technical standards and regulations
- Our members work to develop internationally accepted standards, including product safety (IEC60950 and IEC62368)
- Maximizing the trade benefits of this alignment requires coordinated adoption and implementation by countries
- ITI works directly with regulators and can share our technical expertise, standards knowledge, and regulatory experience-to benefit all stakeholders















Anticipated (Recommended) Timeline Development and Adoption of the IEC 62368-1 standard										
Jan 2010 First Edition of Published	2011 If IEC 62368-1	Public 2 nd Ec	Jan 2013	62368-1 n by 62368-1 Publication	2015			2018 Effective date EN 62368-1	2019 of	
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Issues for the Users of the Standard

- Users of the standard* may not know about the significant changes from IEC 60950-1 and IEC 60065 to IEC 62368-1, and not allow adequate time to transition.
- * Users of the standard: OEMs, Contract manufacturers, Component and sub-assembly manufacturers (e.g., hard drives, CD/DVD drives, power supplies, peripherals, printed circuit cards, battery assemblies, display panels), including product development engineers, safety engineers and their managers

Risks for Manufacturers, Test Houses and Suppliers of Components

- Product safety managers and engineers are not trained and prepared for the new standard
- factory processes and equipment have not been reviewed in preparation for the new standard
- No experience of working with third-party certification bodies
- Products may not get certified in time as specified in contracts
- Compliance documentation may not be available; As a result, the product is at risk from third-party and government surveillance and audits
- New standard may be interpreted and applied in non-uniform manner by labs, certifiers and manufacturers







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