



Synopsis of Doc. No. LITD 27 (13077) of LITD

Number and Title of the Indian Standard: **IS/ISO/IEC TR 22417:2017**

Information technology – Internet of things (IOT) – IOT use cases

a) Scope: This standard identifies IoT scenarios and use cases based on real-world applications and requirements. It comprises of 25 use cases for Internet of Things submitted to the ISO/IEC JTC 1 working group on the Internet of Things between June 2015 and July 2016. Use cases are a well-known tool for expressing requirements at a high level and demonstrating their real-life relevance. The use cases provide a practical context for considerations on interoperability and standards based on user experience. Use cases clarify where existing standards can be applied and highlight where standardization work is needed.

An objective of this standard is to assist in the identification of potential areas for standardization in the IoT environment to ensure ease of operation and interoperability.

b) Salient features of content: The use case template helped to group and categorize the use cases according to the identified IoT requirements and experience of users. Understanding the application of IoT systems made it easier to identify categories and highlight use case commonalities. Where multiple use cases fall in the same category and had overlapping items, they were consolidated into one section or extended use case. All selected use cases have real-world validity. Gaps were filled by adding extra use cases and future developments were also considered.

c) Types/grades/classes, if any covered in the standard: NA

d) Disclaimer (to be automatically provided by the program/software)