WORKSHOP ON NEUTRAL DIGITAL CONNECTIVITY INFRASTRUCTURE (DCI) IN BUILDINGS
06.03.2024

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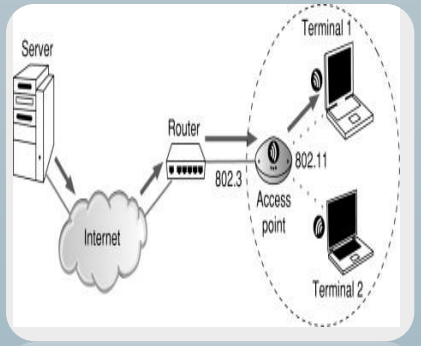
Electronics & IT Standards

Scope: Standardization in the field of Electronics and Information Technology (IT) including Information & Communication Technologies (ICT)

- Sectional Committees: 35
- Sub Committees: 3
- Panels/Working Groups: 100+
- Standards Published: 1750+
- Experts: 1800+

Sectional Committee: LITD 13

Committee	Title	Scope	Corresponding ISO/IEC Committees
LITD 13	Interconnection and Information exchange among IT equipment and system 	Standardization in the field of: a) Computer communication networks and interfaces to these computer Communication networks including microprocessor systems, interfaces, Protocols and associated interconnecting media for IT equipment and networks. b) **Home and building electronic systems in residential and commercial environments to support interworking devices (IoT-related) and applications such as energy management, environmental control, lighting, and security.** c)Telecommunications dealing with Information exchange between IT/ICT systems encompassing protocols and services of network layers	ISO/IEC JTC 1/SC 6 ISO/IEC JTC1/SC 25 LITD 13: Standards Published: 30 Finalized Draft Indian Standards under Print: 02

IS/ISO/IEC 11801-1: 2017	Information technology Generic cabling for customer premises Part 1: General requirements	It specifies requirements that are **common to the other parts** of the ISO/IEC 11801 series. Wide range of services supported: **voice, data, and video that may also incorporate the supply of power.** This document specifies: a) the **fundamental structure and configuration of generic cabling requirements** within the types of premises defined by the other parts of the ISO/IEC 11801 series, b) **channel transmission and environmental performance requirements**, c) **link performance requirements**, d) backbone cabling reference implementations in support of the parts of the ISO/IEC 11801 series, e) component performance requirements, referring to available International Standards for components and test methods where appropriate, f) **test procedures** to verify conformance to the cabling transmission performance requirements of the ISO/IEC 11801 series. 

IS/ISO/IEC 11801-2:2017	Information technology Generic cabling for customer premises Part 2: Office premises	It specifies generic cabling for use within office premises, which can comprise **single or multiple buildings** on a campus. It covers **balanced cabling and optical fibre cabling.** This document is optimized for premises in which the **maximum distance** over which telecommunications services can be distributed is **2000 m**. The principles of this document can be applied to larger installations. Cabling specified by this document supports a wide range of services including **voice, data, and video that can also incorporate the supply of power.** 

LITD 13 (19589)	Information technology Generic cabling for customer premises Part 3 Industrial premises (ISO/IEC 11801-3: 2017)	This document specifies generic cabling, which is critical for providing **robust services to the automation islands in industrial premises, or industrial spaces within other types of building**. This document specifies: a) the structure and minimum configuration for generic cabling within industrial premises, b) the interfaces at the telecommunications outlet (TO), c) the performance requirements for cabling links and channels, d) the implementation requirements and options, e) the performance requirements for cabling components, f) the conformance requirements and verification procedures. 

LITD 13 (19595)	Information technology Generic cabling for customer premises Part 5 Data Centres (ISO/IEC 11801-5: 2017)	This document specifies generic cabling within and to the computer room spaces of data centre premises, or computer room spaces within other types of building. This document specifies: a) the structure and minimum configurations for generic cabling within data centres, b) the interfaces at the equipment outlet (EO) and the external network interface (ENI), c) the **performance requirements** for cabling links and channels, d) the implementation requirements and options, e) the performance requirements for cabling components, f) the conformance requirements and verification procedures. 

Thank you

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