

SDO	Technical Committee	Reference	Title	Scope
ISO	ISO/TC 307	ISO 22739:2020	Blockchain and distributed ledger technologies – Vocabulary	This document provides fundamental terminology for blockchain and distributed ledger technologies.
ISO	ISO/TC 307	ISO/TR 23455:2019	Blockchain and distributed ledger technologies – Overview of and interactions between smart contracts in blockchain and distributed ledger technology systems	This document provides an overview of smart contracts in BC/DLT systems, describing what smart contracts are and how they work. It also discusses methods of interaction between multiple smart contracts. This document focuses on technical aspects of smart contracts. Smart contracts for legally binding use and applications will only be briefly mentioned in this document.
ETSI	ETSI/ISG PDL	ETSI GR PDL 001 V1.1.1 (2020-03)	Permissioned Distributed Ledger (PDL): Landscape of Standards and Technologies	The present document will identify current activities in standardization and in research which are particularly relevant to PDL, with the goal of identifying applicable solutions, required enhancements and recommendations for further collaboration. As appropriate, activities of professional or non-profit initiatives will also be considered.
ETSI	ETSI/ISG PDL	ETSI GS PDL 005 V1.1.1 (2020-03)	Permissioned Distributed Ledger (PDL): Proof of Concepts Framework	The present document specifies a framework for use within ETSI PDL ISG to coordinate and promote public demonstrations of Proof of Concept (PoC) validating key technical components developed in PDL.
ITU-T	ITU-T SG 16	ITU-T F.751-0 (08/2020)	Requirements for distributed ledger systems	N/A
ITU-T	ITU-T SG 16	ITU-T F.751-1 (08/2020)	Assessment criteria for distributed ledger technologies	N/A
ITU-T	ITU-T SG 16	ITU-T F.751-3 (08/2020)	Reference framework for distributed ledger technologies	N/A
ITU-T	ITU-T SG 13	ITU-T Y.2342 (12/2019)	Scenarios and Capability Requirements of Blockchain in Next Generation Network Evolution	Recommendation ITU-T Y.2342 presents an analysis of the motivations and scenarios of blockchain used in the next generation network evolution (NGNe). The general high-level requirements of blockchain in NGNe are put forward. Detailed descriptions of the use cases are listed in the appendix. This Recommendation provides the framework of the blockchain for NGNe and specifies the capability requirements that meet the needs of next generation network (NGN) and the blockchain framework. The framework provided in this Recommendation is intended for NGNe as defined in Recommendation ITU-T Y.2340, however, it could be applied as appropriate to other types of telecom networks (e.g., IMT-2020 and Future Network).
ITU-T	ITU-T SG 20	ITU-T Y.4464 (03/2020)	Framework of blockchain of things as decentralized service platform	Recommendation ITU-T Y.4464 introduces a decentralized IoT service platform, blockchain of things (BoT), which is enabled by blockchain-related technologies. This Recommendation analyzes the concept, common characteristics and high-level requirements of BoT, and provides common capabilities and functionalities, general procedures and relevant use cases for BoT. [1]
ITU-T	ITU-T SG 20	ITU-T Y.Suimpl.62 to ITU-T Y.4000 series (07/2020)	Overview of blockchain for supporting Internet of things and smart cities and communities in data processing and management aspects	N/A

SDO	Technical Committee	Reference	Title	Scope
ISO	ISO/TC 307	ISO/TR 23244-2020	Blockchain and distributed ledger technologies – Privacy and personally identifiable information protection considerations	This document provides an overview of privacy and personally identifiable information (PII) protection as applied to blockchain and distributed ledger technologies (DLT) systems.
ITU-T	ITU-T SG 17	ITU-T X.1401 (11/2019)	Security threats of distributed ledger technology	Recommendation ITU-T X.1401 provides a structured and systematic threat analysis method to design, implement and operate a distributed ledger technology system and to evaluate its security. [..]
ITU-T	ITU-T SG 17	ITU-T X.1402 (07/2020)	Security framework for distributed ledger technology	N/A

SDO	Technical Committee	Reference	Title
ISO	ISO/TC 307	ISO/TR 3242	Blockchain and distributed ledger technologies -- Use cases
ISO	ISO/TC 307	ISO 23257	Blockchain and distributed ledger technologies -- Reference architecture
ISO	ISO/TC 307	ISO/TS 23258	Blockchain and distributed ledger technologies -- Taxonomy and Ontology
ISO	ISO/TC 307	ISO/TS 23259	Blockchain and distributed ledger technologies -- Legally binding smart contracts
ETSI	ETSI/ISG PDL	ETSI GR PDL 002	PDL Applicability and compliance to data processing requirements
ETSI	ETSI/ISG PDL	ETSI GR PDL 003	PDL Application Scenarios
ETSI	ETSI/ISG PDL	ETSI GR PDL 004	PDL: Smart Contracts Permissioned Distributed Ledgers; System Architecture and Functional Specification
ETSI	ETSI/ISG PDL	ETSI GR PDL 006	Inter-Ledger Interoperability
ETSI	ETSI/ISG PDL	ETSI MI/PDL-007	Research Landscape
ITU-T	ITU-T/SG 16	ITU-T F.BVSSI	Scenarios and requirements for blockchain in visual surveillance system interworking
ITU-T	ITU-T/SG 16	ITU-T F.DLIM-AHFS	Requirements of the distributed ledger incentive model for agricultural human factor services
ITU-T	ITU-T/SG 16	ITU-T F.DLS-SHFS	Requirements of distributed ledger systems (DLS) for secure human factor services
ITU-T	ITU-T/SG 16	ITU-T F.DLT.HC	Requirements of distributed ledger technologies (DLT) for human-care services
ITU-T	ITU-T/SG 16	ITU-T F.DLT.PHR	Service models of distributed ledger technologies (DLT) for personal health records (PHRs)
ITU-T	ITU-T/SG 16	ITU-T F.DLT-FIN	Financial distributed ledger technology application guideline
ITU-T	ITU-T/SG 16	ITU-T F.HFS-BC	Requirements and framework for blockchain-based human factor service models
ITU-T	ITU-T/SG 16	ITU-T F.Supp-OCAIB	Overview of convergence of artificial intelligence and blockchain
ITU-T	ITU-T/SG 16	ITU-T H.DLT-INV	General framework of DLT-based invoices
ITU-T	ITU-T/SG 16	ITU-T H.DLT-TFR	Technical framework for DLT regulation
ITU-T	ITU-T/SG 5	ITU-T L.Energy_Crypto_currency	Energy consumption of crypto currency
ITU-T	ITU-T/SG 2	ITU-T M.immbs	Information model for management of blockchain system
ITU-T	ITU-T/SG 2	ITU-T M.rmbs	Requirements for management of blockchain system
ITU-T	ITU-T/SG 11	ITU-T Q.BaaS-iop-reqts	Interoperability testing requirements of blockchain as a service
ITU-T	ITU-T/SG 17	ITU-T X.dlt-td	Terms and definitions for distributed ledger technology
ITU-T	ITU-T/SG 13	ITU-T Y.3530	Cloud computing - Functional requirements for blockchain as a service
ITU-T	ITU-T/SG 20	ITU-T Y.4560	Blockchain-based data exchange and sharing for supporting Internet of things and smart cities and communities
ITU-T	ITU-T/SG 20	ITU-T Y.4561	Blockchain-based Data Management for supporting Internet of things and smart cities and communities
ITU-T	ITU-T/SG 20	ITU-T Y.4907	Reference architecture of blockchain-based unified KPI data management for smart sustainable cities
ITU-T	ITU-T/SG 20	ITU-T Y.BC-SON	Framework of blockchain-based self-organization networking in IoT environments
ITU-T	ITU-T/SG 20	ITU-T Y.blockchain-terms	Vocabulary for blockchain for supporting Internet of things and smart cities and communities in data processing and management aspects
ITU-T	ITU-T/SG 20	ITU-T Y.dec-IoT-arch	Decentralized IoT communication architecture based on information centric networking and blockchain
ITU-T	ITU-T/SG 20	ITU-T Y.IoT-rf-dlt	OID-based Resolution framework for transaction of distributed ledger assigned to IoT resources
ITU-T	ITU-T/SG 13	ITU-T Y.NRS-DLT-reqts	Scenarios and requirements of network resource sharing based on distributed ledger technology
ITU-T	ITU-T/SG 13	ITU-T Y.SCID-fr	Requirements and converged framework of self-controlled identity based on blockchain

SDO	Technical Committee	Reference	Title
ISO	ISO/TC 307	ISO TR 23245	Blockchain and distributed ledger technologies -- Security risks, threats and vulnerabilities
ISO	ISO/TC 307	ISO TR 23249	Blockchain and distributed ledger technologies -- Overview of existing DLT systems for identity management
ISO	ISO/TC 307	ISO TR 23576	Blockchain and distributed ledger technologies -- Security management of digital asset custodians
ISO	ISO/TC 307	ISO TS 23635	Blockchain and distributed ledger technologies -- Guidelines for governance
ITU-T	ITU-T/SG 16	ITU-T H.DLT-DE	Digital evidence services based on distributed ledger technologies
ITU-T	ITU-T/SG 16	ITU-T H.DLT-GTI	DLT governance and Technical interoperability Framework
ITU-T	ITU-T/SG 16	ITU-T HSTP.DLT-Risk	DLT-based application development risks and their mitigations
ITU-T	ITU-T/SG 17	ITU-T X.1403	Security guidelines for using DLT for decentralized identity management
ITU-T	ITU-T/SG 17	ITU-T X.BaaS-sec	Guideline on DLT as a service (BaaS) security
ITU-T	ITU-T/SG 17	ITU-T X.das-mgt	Security threats and requirements for data access and sharing management system based on distributed ledger technology
ITU-T	ITU-T/SG 17	ITU-T X.sa-dlt	Security assurance for distributed ledger technology
ITU-T	ITU-T/SG 17	ITU-T X.sc-dlt	Security controls for distributed ledger technology
ITU-T	ITU-T/SG 17	ITU-T X.srip-dlt	Security requirements for intellectual property management based on distributed ledger technology
ITU-T	ITU-T/SG 17	ITU-T X.ss-dlt	Security services based on distributed ledger technology
ITU-T	ITU-T/SG 17	ITU-T X.stov	Security threats to online voting using distributed ledger technology
ITU-T	ITU-T/SG 17	ITU-T X.str-dlt	Security threats and requirements for digital payment services based on distributed ledger technology
ITU-T	ITU-T/SG 17	ITU-T X.tf-spd-dlt	Technical framework for secure software programme distribution mechanism based on distributed ledger technology