



Secure Internet of Things



- International level -



ISO/IEC JTC 1/SC 27 Information security, cybersecurity and privacy protection

Scope	The development of standards for the protection of information and ICT. This includes generic methods, techniques and guidelines to address both security and privacy aspects.	
Committee information	Published standards	257
	Standards under development	71
	National delegates	20
Major “ISO/IEC JTC1/SC 27” standards		
Published standards	ISO/IEC 30187:2026	Internet of Things (IoT) — Evaluation indicators for IoT systems
	ISO/IEC 27404:2025	Cybersecurity — IoT security and privacy — Cybersecurity labelling framework for consumer IoT
	ISO/IEC 27403:2024	Cybersecurity – IoT security and privacy – Guidelines for IoT-domotics
	ISO/IEC 27400:2022	Cybersecurity — IoT security and privacy — Guidelines
Standards under development	ISO/IEC 27004	Information security management — Monitoring, measurement, analysis and evaluation
	ISO/IEC TS 27008.3	Information technology — Security techniques — Guidelines for the assessment of information security controls
	ISO/IEC 27014	Information security, cybersecurity and privacy protection — Governance of information security

ISO/IEC JTC1/SC 41 – Internet of Things and Digital Twin

Scope	Standardization in the area of Internet of Things and Digital Twin, including their related technologies.	
Committee information	Published standards	54
	Standards under development	42
	National delegates	9
Major “ISO/IEC JTC1/SC 41” standards		
Published standards	ISO/IEC 30187:2026	Internet of Things (IoT) — Evaluation indicators for IoT systems
	ISO/IEC TS 30149:2024	Internet of Things (IoT) — Trustworthiness principles
	ISO/IEC 30147:2021	Information technology — Internet of things — Methodology for trustworthiness of IoT system/service
Standards under development	ISO/IEC 30147 ED2	Internet of Things (IoT) - Integration of IoT trustworthiness activities in ISO/IEC/IEEE 15288 system engineering processes
	PWI TR JTC1-SC41-40	Internet of Things (IoT) and Digital Twin — Analysis of conformity assessment and quality assurance issues
	ISO/IEC 21823-5 ED1	Internet of Things – Interoperability for IoT systems – Part 5: Behavioural and policy interoperability

- European level -



CEN/CLC/JTC 13 – Cybersecurity and Data Protection

Scope		Development of standards for cybersecurity and data protection covering all aspects of the evolving information society.
Committee information	Published standards	57
	Standards under development	26
Major “CEN/CLC/JTC 13” standards		
Published standards	EN 17927:2023	Security Evaluation Standard for IoT Platforms (SESIP). An effective methodology for applying cybersecurity assessment and re-use for connected products.
	CEN/CLC/TS 17880:2022	Protection Profile for Smart Meter - Minimum Security requirements
	EN 17640:2022+A1:2026	Fixed-time cybersecurity evaluation methodology for ICT products
Standards under development	EN 18037:2025/prAC	Guidelines on a sectoral cybersecurity assessment
	prEN 18037-2	Guidelines on a sectoral cybersecurity assessment - Part 2: Application of sectoral cybersecurity assessment results by ICT product manufacturers
	prCEN/TR 18031-4	Common Security Requirements for Radio Equipment – Part 4: Guidance for the Assessment of Smart Meter Products
	prCEN/CLC/TS 18072 rev	Requirements for Conformity Assessment Bodies certifying ICT Services



ETSI/TC CYBER – Cyber Security

Scope		To develop and maintain the Standards, Specifications and other deliverables to support the development and implementation of Cyber Security standardization
Committee information	Published standards	115
	Standards under development	14
Major “ETSI/TC CYBER” standards		
Published standards	ETSI EN 303 645	Cyber Security for Consumer Internet of Things: Baseline Requirements
	ETSI TR 103 936	Implementing Design practices to mitigate consumer IoT-enabled coercive control
	ETSI TS 103 645	Cyber Security for Consumer Internet of Things: Conformance Assessment of Baseline Requirements
	ETSI TR 103 621	Guide to Cyber Security for Consumer Internet of Things
Standards under development	DTS/CYBER-00147	Cyber Security for Consumer Internet of Things; Requirements for internet-connected radio equipment
	RTR/CYBER-00185	Implementing Design practices to mitigate consumer IoT-enabled coercive control
	RTS/CYBER-00179	Cyber Security for Consumer Internet of Things; Requirements for Smart Voice-Controlled Devices

