

International Electrotechnical Commission (IEC)

[return to the Technical Standards area](#)

The **International Electrotechnical Commission (IEC)** is an international standard organization for the preparation and publishing of international standards covering all electrical, electronic and related technologies – collectively known as [Electrotechnology](#). IEC standards cover a wide range of technologies from power generation, transmission and distribution to home appliances and office equipment, semiconductors, fiber optics, batteries, solar energy, nanotechnology and marine energy as well as many others. The IEC also manages four global conformity assessment systems that certify whether equipment, system or components conform to its international standards.

https://en.wikipedia.org/wiki/International_Electrotechnical_Commission

Some areas covered by electrotechnologies and IEC Standards are:

- Energy production and distribution
- Electronics
- Magnetism and Electromagnetics
- Electroacoustics
- Multimedia
- Telecommunication and medical technology
- Some general disciplines included with the IEC domain are:
 - terminology and symbols
 - electromagnetic compatibility
 - measurement and performance
 - dependability
 - design and development
 - safety and the environment

List of Standards

[Return to Top](#)

- [IEC 62541-001 OPC Unified Architecture - Part 1: Overview and concepts](#)
- [IEC 62541-002 OPC Unified Architecture - Part 2: Security Model](#)
- [IEC 62541-003 OPC Unified Architecture - Part 3: Address Space Model](#)
- [IEC 62541-004 OPC Unified Architecture - Part 4: Services](#)
- [IEC 62541-005 OPC Unified Architecture - Part 5: Information Model](#)
- [IEC 62541-006 OPC Unified Architecture - Part 6: Mappings](#)
- [IEC 62541-007 OPC Unified Architecture - Part 7: Profiles](#)
- [IEC 62541-008 OPC Unified Architecture - Part 8: Data Access](#)
- [IEC 62541-009 OPC Unified Architecture - Part 9: Alarms and Conditions](#)

- [IEC 62541-010 OPC Unified Architecture - Part 10: Programs](#)
- [IEC 62541-011 OPC Unified Architecture - Part 11: Historical Access](#)
- [IEC 62541-012 OPC Unified Architecture - Part 12: Discovery and global](#)
- [IEC 62541-013 OPC Unified Architecture - Part 13: Aggregates](#)
- [IEC 62541-014 OPC Unified Architecture - Part 14: PubSub](#)
- [IEC 62541-100 OPC Unified Architecture - Part 100: Device Interface](#)

Add a New Standard

[Return to Top](#)

Create a New Page for ISO/IEC **Number** → You are not allowed to add pages

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