

ISO/IEC/IEEE 15026-1:2019 (E)

Systems and software engineering — Systems and software assurance — Part 1: Concepts and vocabulary

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
3.1	Terms related to assurance and properties
3.2	Terms related to product and process
3.3	Terms related to integrity level
3.4	Terms related to conditions and consequences
3.5	Terms related to organization
4	Organization of this document
5	Basic concepts
5.1	General
5.2	Assurance
5.3	Stakeholders
5.4	System and product
5.5	Property
5.5.1	General
5.5.2	Properties as behaviours
5.6	Uncertainty and confidence
5.7	Conditions and initiating events
5.8	Consequences
6	Using multiple parts of ISO/IEC/IEEE 15026
6.1	General
6.2	Initial usage guidance
6.3	Relationships among parts of ISO/IEC/IEEE 15026
6.4	Authorities
7	ISO/IEC/IEEE 15026 (all parts) and the assurance case
7.1	General
7.2	Justification of method of reasoning
7.3	Means of obtaining and managing evidence
7.4	Certifications and accreditations
8	ISO/IEC/IEEE 15026 (all parts) and integrity levels
8.1	General
8.2	Risk analysis
9	ISO/IEC/IEEE 15026 (all parts) and the life cycle
9.1	General
9.2	Assurance activities in the life cycle
10	Summary