

1. Record Nr.	UNINA9910135404903321
Titolo	IEEE Standard Adoption of ISO/IEC 15026-1, Systems and Software Engineering, Systems and Software Assurance . Part 1, Concepts and Vocabulary // IEEE Computer Society Software Engineering Standards Subcommittee [and three others]
Pubbl/distr/stampa	New York : , : IEEE, , 2014
ISBN	0-7381-9350-X
Descrizione fisica	1 online resource (x, 24 pages) : illustrations
Collana	IEEE Std ; ; 15026-1-2014
Disciplina	005.10685
Soggetti	Computer software - Quality control Computer software - Quality control - Standards Computer systems - Quality control - Standards
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Assurance-related terms are defined and an organized set of concepts and relationships to establish a basis for shared understanding across user communities for assurance are established in this adoption of ISO/IEC 15026-1. It provides information to users of the other parts of this International Standard including the combined use of multiple parts. The essential concept introduced by ISO/IEC 15026 is the statement of claims in an assurance case and the support of those claims through argumentation and evidence. These claims are in the context of assurance for properties of systems and software within life cycle processes for the system or software product. Assurance for a service being operated and managed on an ongoing basis is not covered in this International Standard. Keywords: adoption, assurance, assurance case, claim, IEEE 15026-1, integrity level, life cycle processes, reliability, software assurance, software engineering, system assurance, systems engineering.