Requirement (glossary)

requirement

> *Statement that identifies a product* or process operational, functional, or design characteristic or constraint, which is unambiguous, testable or measurable, and necessary for product or process acceptability.* (ISO/IEC 2007)

> *includes product, service, or enterprise.

Source

ISO/IEC. 2007. *Systems and Software Engineering -- Recommended Practice for Architectural Description of Software-Intensive Systems*. Geneva, Switzerland: International Organization for Standards (ISO)/International Electrotechnical Commission (IEC), ISO/IEC 42010:2007.

Discussion

A requirement is "a statement that identifies a system, product or process characteristic or constraint, which is unambiguous, clear, unique, consistent, stand-alone (not grouped), and verifiable, and is deemed necessary for stakeholder acceptability." (INCOSE 2010)

INCOSE. 2010. *Systems Engineering Handbook: A Guide for System Life Cycle Processes and Activities*. Version 3.2.1. San Diego, CA, USA: International Council on Systems Engineering (INCOSE), INCOSE-TP-2003-002-03.2.1: 362.

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