# Control (glossary)

control

*(1) In engineering, the monitoring of system output to compare with expected output and taking corrective action when the actual output does not match the expected output.* (ISO/IEC 2010)

*(2) In engineering, the monitoring of system output to compare with expected output and taking corrective action when the actual output does not match the expected output.* (ISO/IEC 2010)

*(3) Comparing actual performance with planned performance, analyzing variances, assessing trends to effect process improvements, evaluating possible alternatives, and recommending appropriate corrective action as needed.* (PMI 2008)

*(4) In an IDEF0 model, a condition or set of conditions required for a function to produce correct output.* (IEEE 1998)

*(5) In risk management, the formal name for the mitigation risk handling option.* (DAU 2003a)

## Source

(1) and (2) ISO/IEC/IEEE. 2010. *Systems and Software Engineering -- Vocabulary (SEVocab)* Geneva,

Switzerland: International Organization for Standardization (ISO)/International Electrotechnical Commission (IEC)/Institute of Electrical and Electronic Engineers (IEEE) 2009 ISO/IEC/IEEE 24765:2010 [database online]. Available from http://pascal.computer.org/sev_display/index.action.

(3) PMI. 2008. *A Guide to the Project Management Body of Knowledge (PMBOK® Guide),* 4th ed. Newtown Square, PA, USA: Project Management Institute (PMI).

(4) IEEE. 1998. *IEEE Standard for Conceptual Modeling Language Syntax and Semantics for IDEF1X97 (IDEFobject)*. Institute for Electrical and Electronic Engineers (IEEE). IEEE 1320.2-1998 (R2004)

(5) DAU. 2003. *Risk Management Guide for DoD Acquisition.* Fifth Edition. Version 2. Ft. Belvoir, VA, USA: Defense Acquisition University (DAU) Press.

## Discussion

None.

**SEBoK v. 2.10, released 06 May 2024**