System Analysis (glossary)

Graduate Reference Curriculum for Systems Engineering (GRCSE $^{\text{m}}$) > Systems Engineering and Management > principle > Applying the Systems Approach > system analysis

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A systematic investigation of a real or planned system to determine the information requirements and processes of the system and how these relate to each other and to any other system. (ISO/IEC/IEEE 2009)

Sources

ISO/IEC/IEEE. 2009. Systems and Software Engineering - System and Software Engineering Vocabulary. Geneva, Switzerland: International Organization for Standardization (ISO)/International Electrotechnical Commission (IEC)/ Institute of Electrical and Electronics Engineers (IEEE). ISO/IEC/IEEE 24765:2009.

Discussion

For a full discussion of the role and importance of system analysis in systems engineering see the System Analysis article.

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