

Systems Engineer (glossary)

systems engineer

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A systems engineer is “a person who practices systems engineering” and whose systems engineering capabilities and experience include sustained practice, specialization, leadership or authority over systems engineering activities. Systems engineering activities may be conducted by any competent person regardless of job title or professional affiliation. (Created for SEBoK)

Sources

This definition was developed for the SEBoK.

Discussion

Systems engineer is not a term in ISO/IEC/IEEE 24865:2010. The INCOSE website has a description but not a definition:

Systems engineers concentrate their efforts on the aspects of the engineering process (requirements definition, top-level functional designs, project management, life cycle cost analysis,...) that serve to organize and coordinate other engineering activities. The systems engineer is the primary interface between management, customers, suppliers, and specialty engineers in the systems development process.

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