

Product System (glossary)

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(1) *A system context for which the system-of-interest (SoI) is a product.* (Created for SEBoK)

(2) *A system considered from the point of view of a physical “system end product” (ANSI/EIA 2003) made of system elements that may include hardware, software, infrastructure and support services. The people and organizational aspects of the “whole system” of which the “product system” forms a part have to be considered in the design, but are provided by another organization.* (ISO/IEC/IEEE 15288 2008)

Sources

(1) This definition was developed for the SEBoK.

(2) This definition was extended from: ISO/IEC. 2008. Systems and Software Engineering -- System Life Cycle Processes. Geneva, Switzerland: International Organisation for Standardisation / International Electrotechnical Commissions. ISO/IEC/IEEE 15288:2008.

Discussion

Definition (1) is has been created for the SEBoK to distinguish from a product from a product system.

Definition (2) is a systems engineering definition, which is consistent with the concept of a SoI focused on the product system to be delivered to an acquirer who will

use it to help deliver user outcomes.

See the Types of Systems discussion.

SEBoK v. 2.10, released 06 May 2024

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This page was last edited on 2 May 2024, at 22:25.