System Realization (glossary)

From SEBoK
system realization

The activities required to build a system, integrate disparate system elements, and ensure that a system both meets the needs of stakeholders and aligns with the requirements identified in the system definition stage. (Created for SEBoK)

Source

This definition was developed for the SEBoK.

Discussion

"System realization" is used in the SEBoK as a knowledge area (KA); it includes several systems engineering (SE) activities such as system implementation, integration, verification, and validation. (See System Realization KA.) This generally aligns with the "development" and "production" stages as discussed in the International Council on Systems Engineering (INCOSE) Systems Engineering Handbook (INCOSE 2012).

Work Cited


SEBoK v. 2.2, released 15 May 2020

Retrieved from
"https://www.sebokwiki.org/w/index.php?title=System_Realization_(glossary)&oldid=58964"

This page was last edited on 13 May 2020, at 08:01.