

Table of Contents

MBSE

3

MBSE

Methodology that focuses on creating domain models as the primary means of information exchange between engineers, rather than on document-based information exchange.

The formalized application of modeling to support system requirements, design, analysis, verification and validation activities beginning in the conceptual design phase and continuing throughout development and later life cycle phases. (INCOSE 2007)

Snippet from [Wikipedia: Model-based systems engineering](#)

Model-based systems engineering (MBSE), according to the International Council on Systems Engineering (INCOSE), is the *formalized application of modeling to support system requirements, design, analysis, verification and validation activities beginning in the conceptual design phase and continuing throughout development and later life cycle phases*. MBSE is a technical approach to systems engineering that focuses on creating and exploiting domain models as the primary means of information exchange, rather than on document-based information exchange. MBSE technical approaches are commonly applied to a wide range of industries with complex systems, such as aerospace, defense, rail, automotive, manufacturing, etc.

[Creative Commons Attribution-Share Alike 4.0](#)

External links:

- <https://www.scaledagileframework.com/model-based-systems-engineering/>

[method](#), [architecture](#)

From:

<https://almbok.com/> - **ALMBoK.com**

Permanent link:

<https://almbok.com/method/mbse>

Last update: **2022/08/10 06:25**

