

# MBSE INFOGRAPHIC

## WHAT IS MBSE ?



MBSE stands for "Model Based Systems Engineering". Model Based Systems Engineering (MBSE) is an approach what has been the perfect fit for manufacturers.



100%

Preferred by Any architect



4

Levels of approaches



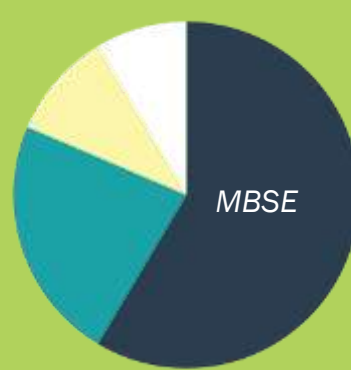
2x

Works best than other

## Why to use MBSE ?



MBSE offers innovative ways to reduce costs and increase quality and efficiency. It also helps to adopt digital models to support design and development.



MBSE Popularity.

## Who invented MBSE ?



OMG! INCOSE



Four out of five systems modeling, probably.

## MBSE & SysML



The advantage of Model-Based Systems Engineering (MBSE) & SysML is the perfect efficiency to create models, diagrams for the system without any use of documents.



Best compatibility and results.

## Performance Analysis

80%

by supporting the specification

1

Simulation of (TS) Trade Studies

2

(SP) SysML Parametric diagrams

## Requirements V&V ( Verification & Validation) ?

90%

Responsibility of system Stakeholders

100%

Review Requirement specifications

100%

Building the right product

A+

## MBSE Tools

- IBM Rhapsody
- Cameo Systems Modeler
- Capella Open Source
- Innoslate,
- Papyrus 4 SysML

5/5

- Model-Based Systems Development (MBSD)
- Model Based Enterprise (MBE)
- MBSE in Agile.
- MBSE dictionary
- How to Learn MBSE?

Recommended MBSE, SysML and Digital Engineering Workshop, Training, Course.

Seeking for MBSE Training ?  
Visit Tonex Training website  
<https://www.tonex.com/systems-engineering-training/mbse/>

Want to learn more or get more details?

[TONEX.COM](https://www.tonex.com)

**TONEX**  
Technology and Management  
Building Careers and Success

**TONEX TRAINING**  
<https://www.tonex.com/>