

Siemens Digital Industries Software

Orchestrate your technical program and become more agile and efficient with **Model Based Systems Engineering**

Trends





Companies are under pressure to reduce program cost and schedule while meeting requirements for new products.

and Schedule

Source: DARPA



Complexity and Integration products are becoming

Increasing Program

Aerospace and defense increasingly complex and highly integrated.



Increased Electrification of Products

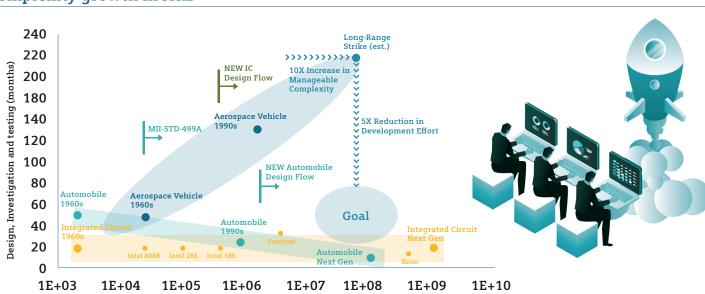
Decarbonization, reliability, maintainability and performance of products are driving increased electrification.



Globalization

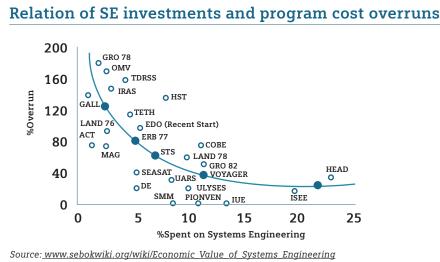
Increasing globalization in company supply chains, workforce and the competition is driving changes to how companies collaborate both internally and externally.

Complexity growth in A&D

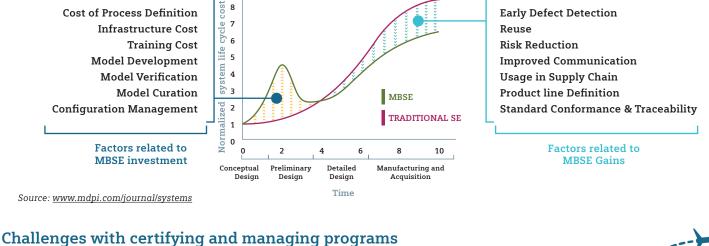


Complexity

[Part Count + Source Lines of Code (SLOC)]



MBSE factors related to investment and gains





Model Based Systems Engineering... What if you could...?

regulatory requirements

Compliance with

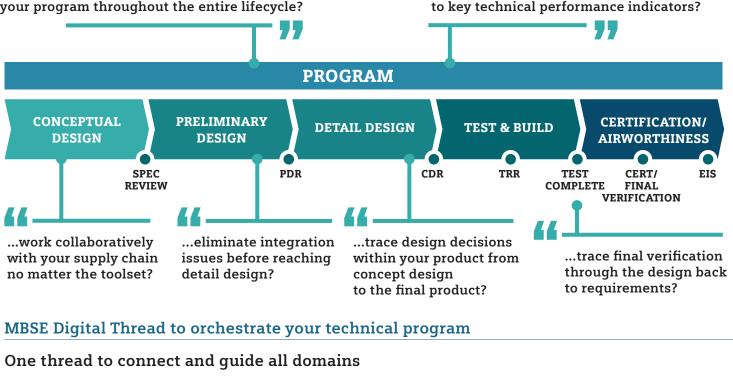


and supplier relationships

due to integration of complex systems

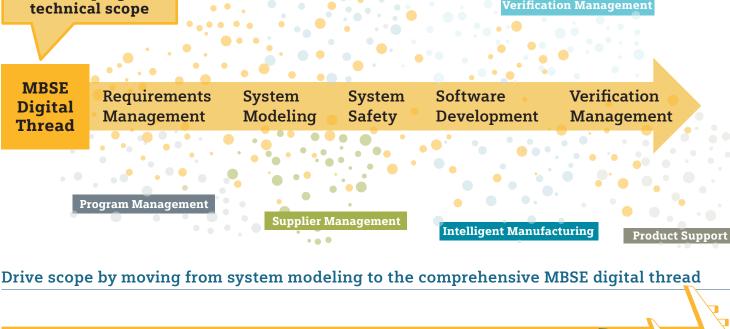
Increased cost and risks

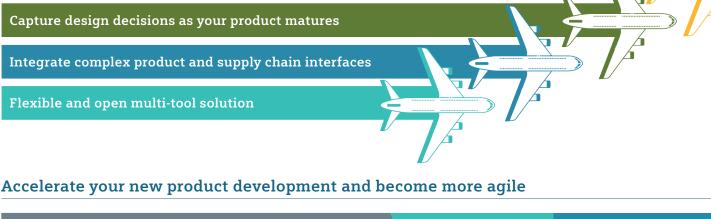
...orchestrate the technical content and scope of ...continuously monitor with real-time access your program throughout the entire lifecycle?



Product Design and Engineering Systems Engineering







Get your design right the first time through up-front systems engineering

