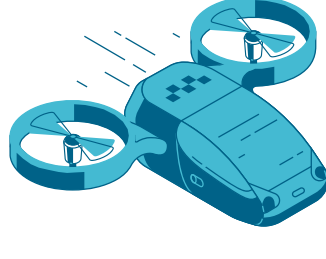
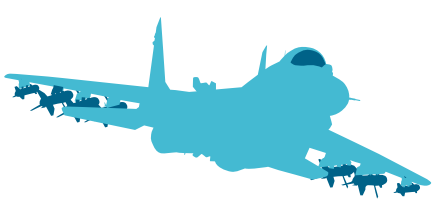


Orchestrate your technical program and become more agile and efficient with Model Based Systems Engineering

Trends



Pressure to Reduce Program Cost and Schedule

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

Increasing Program Complexity and Integration

Aerospace and defense products are becoming increasingly complex and highly integrated.

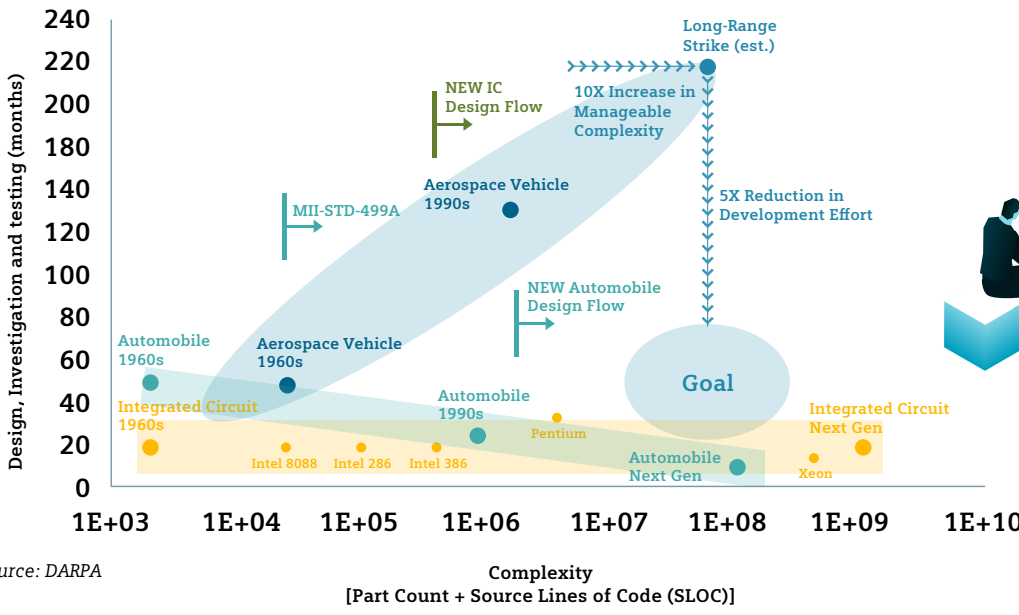
Increased Electrification of Products

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

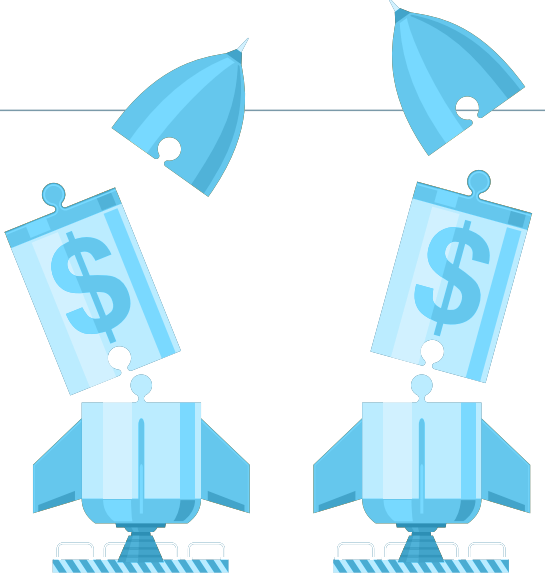
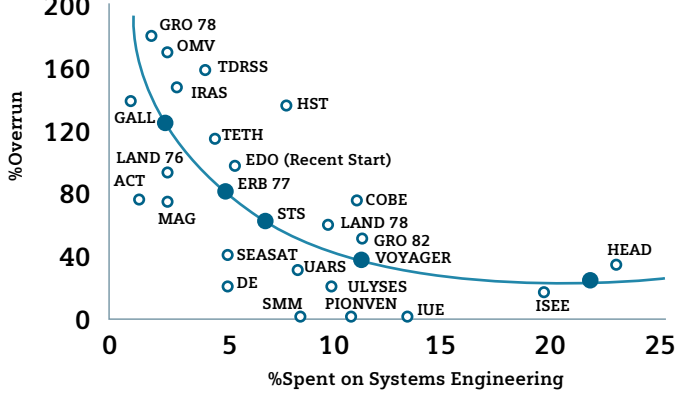
Globalization

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

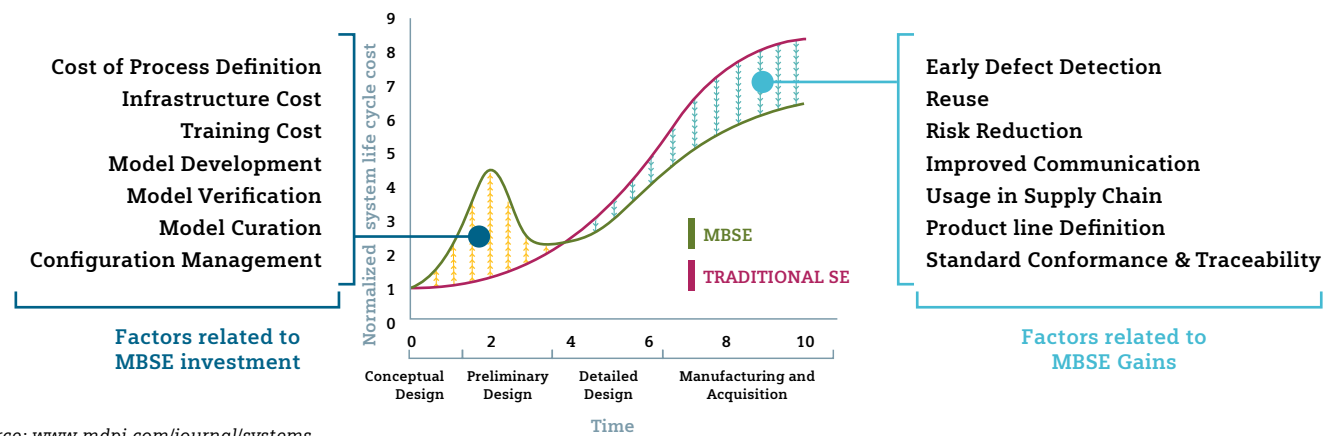
Complexity growth in A&D



Relation of SE investments and program cost overruns



MBSE factors related to investment and gains



Challenges with certifying and managing programs



Compliance with regulatory requirements

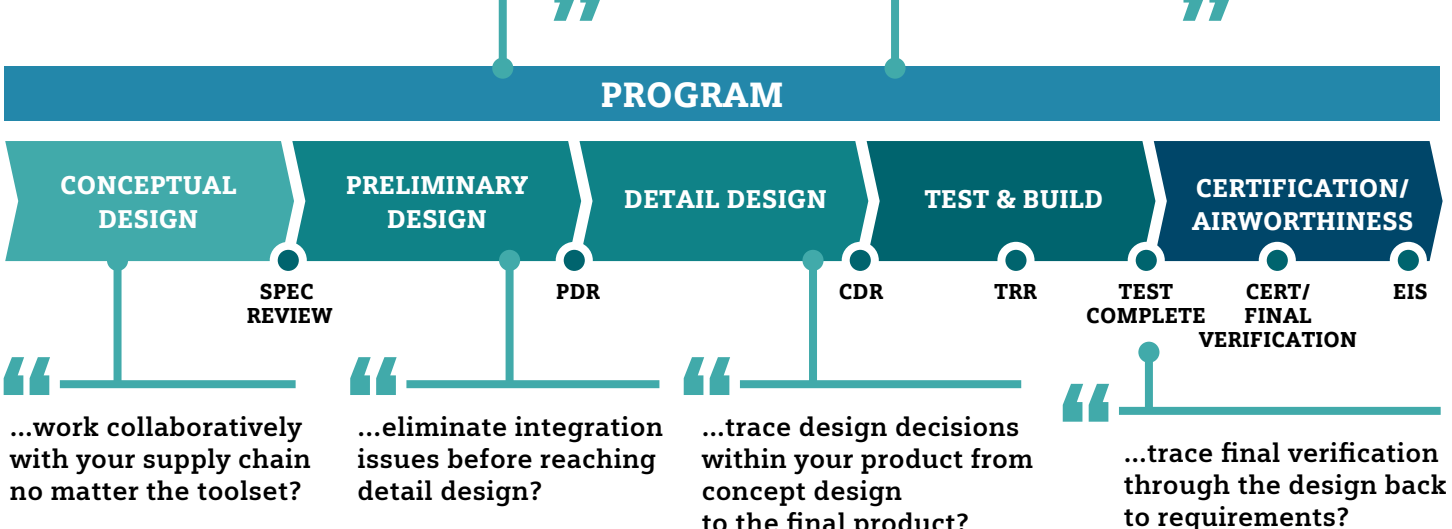
Difficult to manage document-centric systems engineering processes

Increased cost and risks due to integration of complex systems and supplier relationships

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

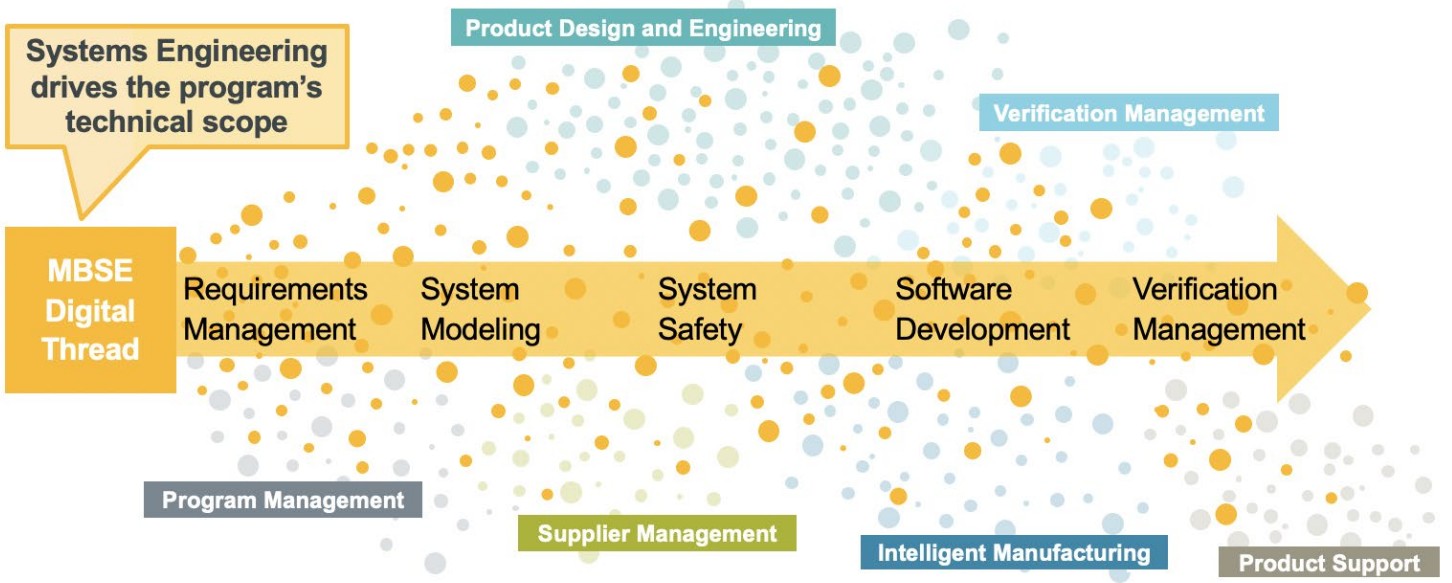
...orchestrate the technical content and scope of your program throughout the entire lifecycle?

...continuously monitor with real-time access to key technical performance indicators?

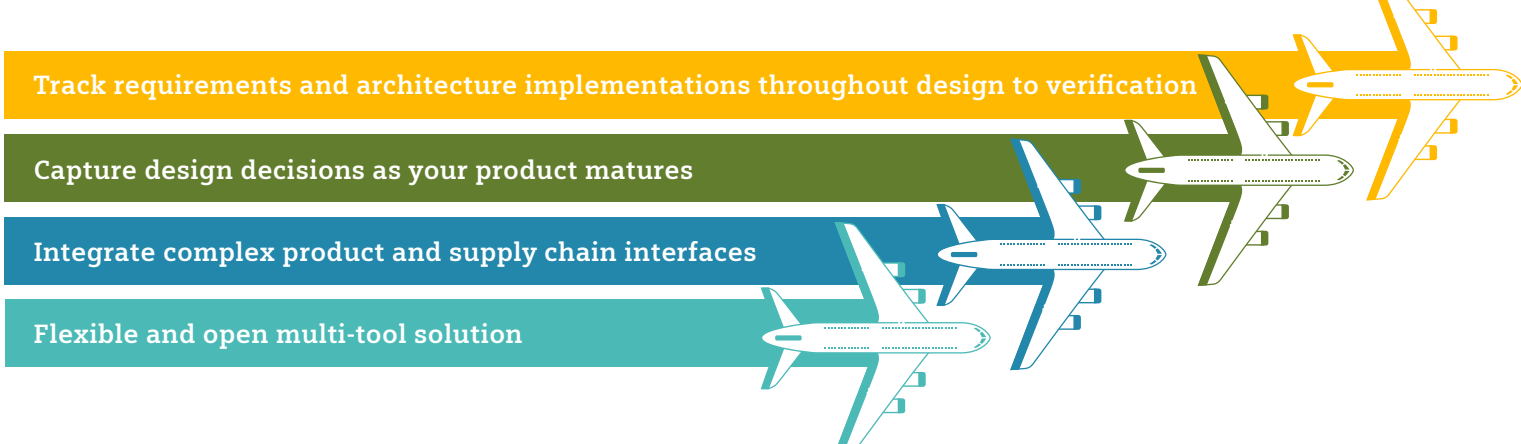


MBSE Digital Thread to orchestrate your technical program

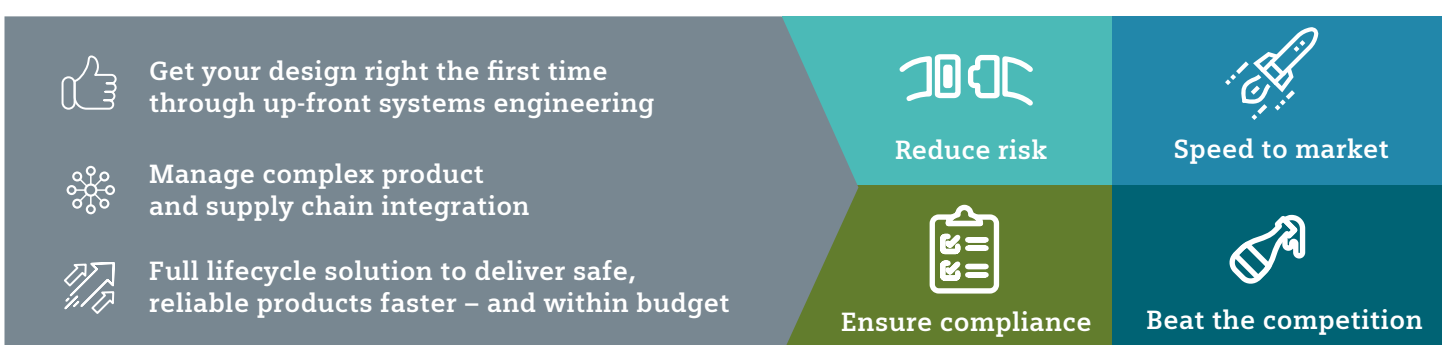
One thread to connect and guide all domains



Drive scope by moving from system modeling to the comprehensive MBSE digital thread



Accelerate your new product development and become more agile



For more information, visit:
siemens.com/plm/mbse