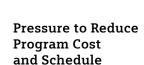
Siemens Digital Industries Software

Excel at agile engineering and program execution while minimizing risk with **Siemens Product Design and Engineering**

Trends





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



Complexity and Integration Aerospace and defense products are becoming

Increasing Program

increasingly complex and highly integrated.



Increased Electrification of Products

Decarbonization, reliability, maintainability and performance of products are

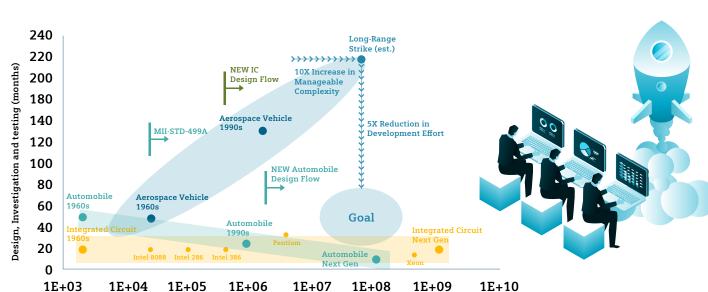
driving increased electrification.



Globalization

Growing 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



Program Risk – Ability to Perform in key Contracts



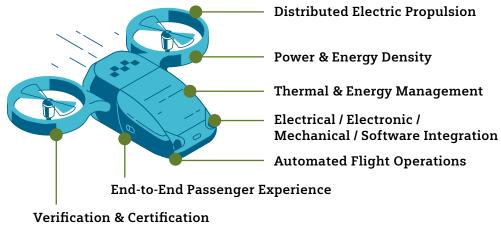
Complexity [Part Count + Source Lines of Code (SLOC)]

Source: EY Analysis

Source: DARPA

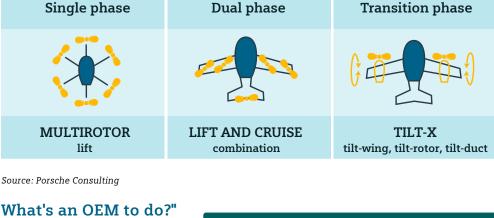
From Traditional Air Travel to Urban Air Mobility

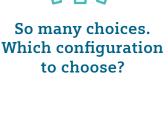
Challenges and risks that impact development processes



Simplified Aerodynamic Mobility Concepts

Single phase Dual phase





Agile

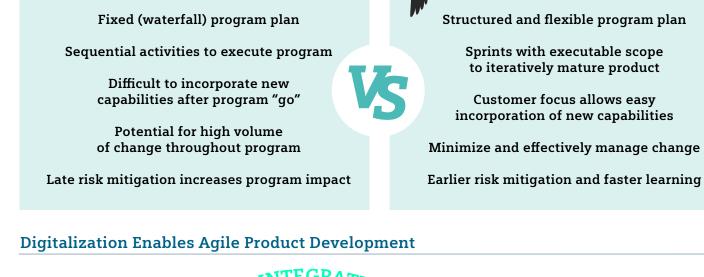


Use the full potential of your workforce talent and dissolve disruptive silos Transform program management to focus on delivering more mature content

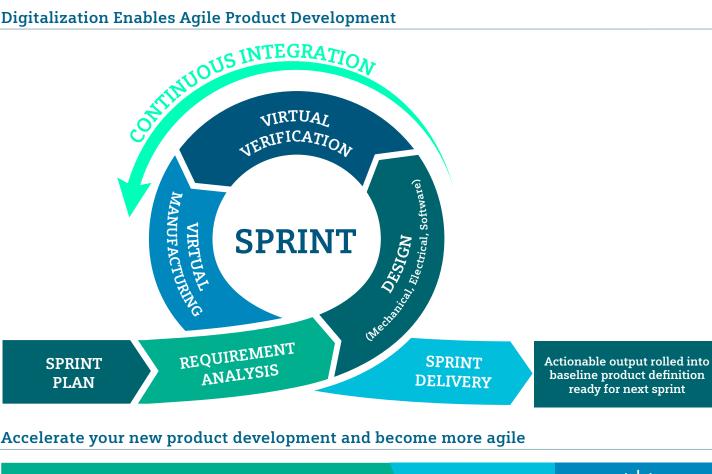
Become more flexible to evolving customer needs and market forces

Agile Product Development

Legacy



VERIFICATION



Go faster and Innovate more



SPRINT

PLAN