



Purdue Digital Enterprise Center Webinar 2

What are the prerequisites to effectively using MBSE?

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July 17th, 2023

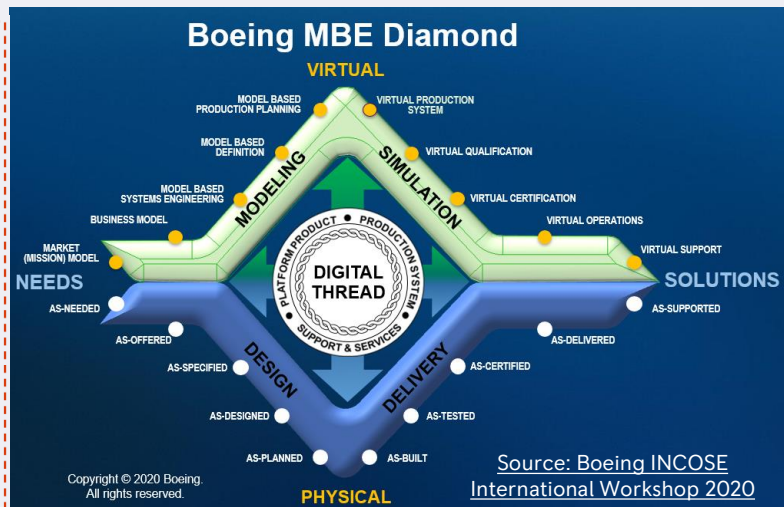
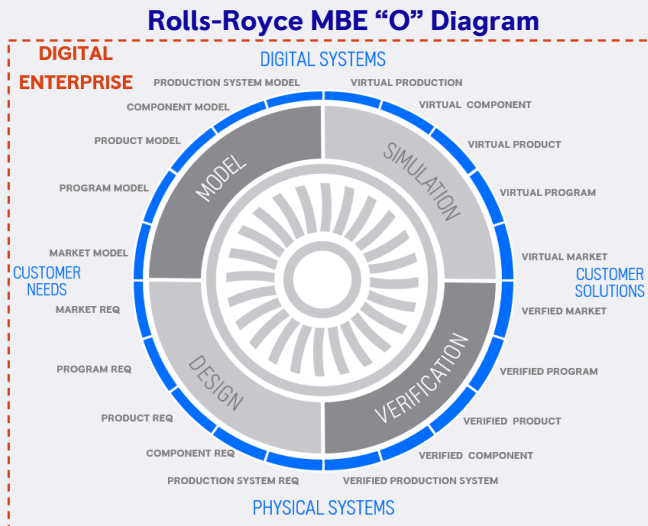
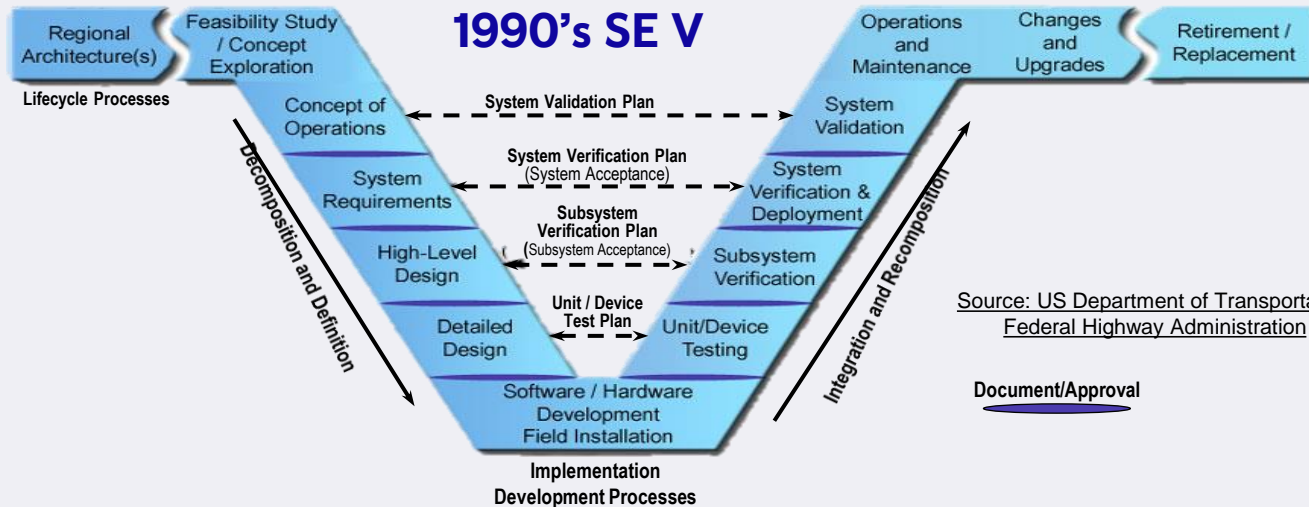
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Toward a Model-Based Enterprise (MBE)

Digital Engineering in context

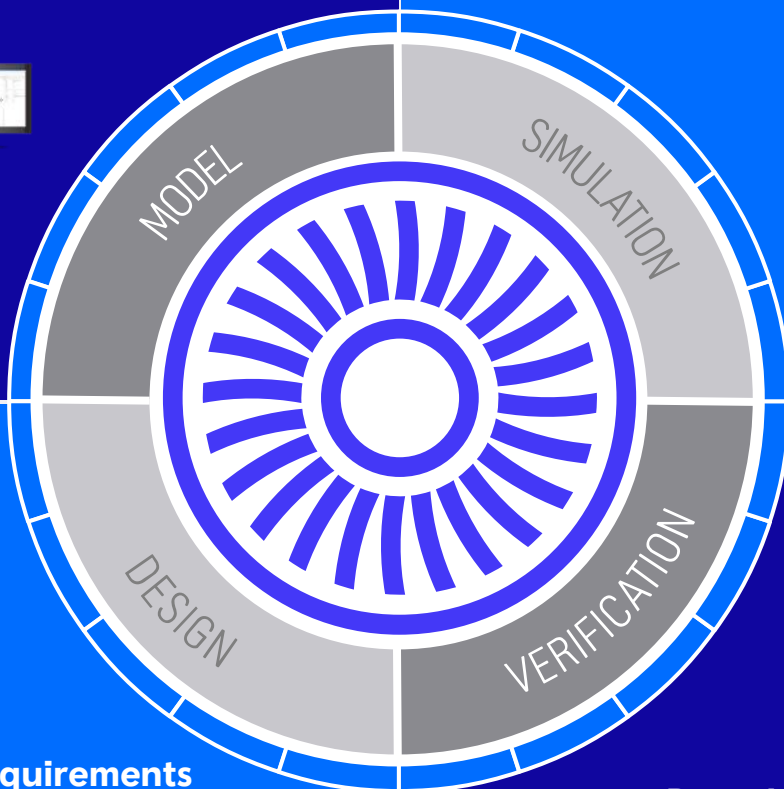
Leveraging developing cross-Industry alignment toward a common Model-Based Enterprise framework & taxonomy



Model Based Systems Engineering (MBSE)

DIGITAL SYSTEMS

Simulations and Virtual Verification



CUSTOMER

CUSTOMER

NEEDS

SOLUTIONS

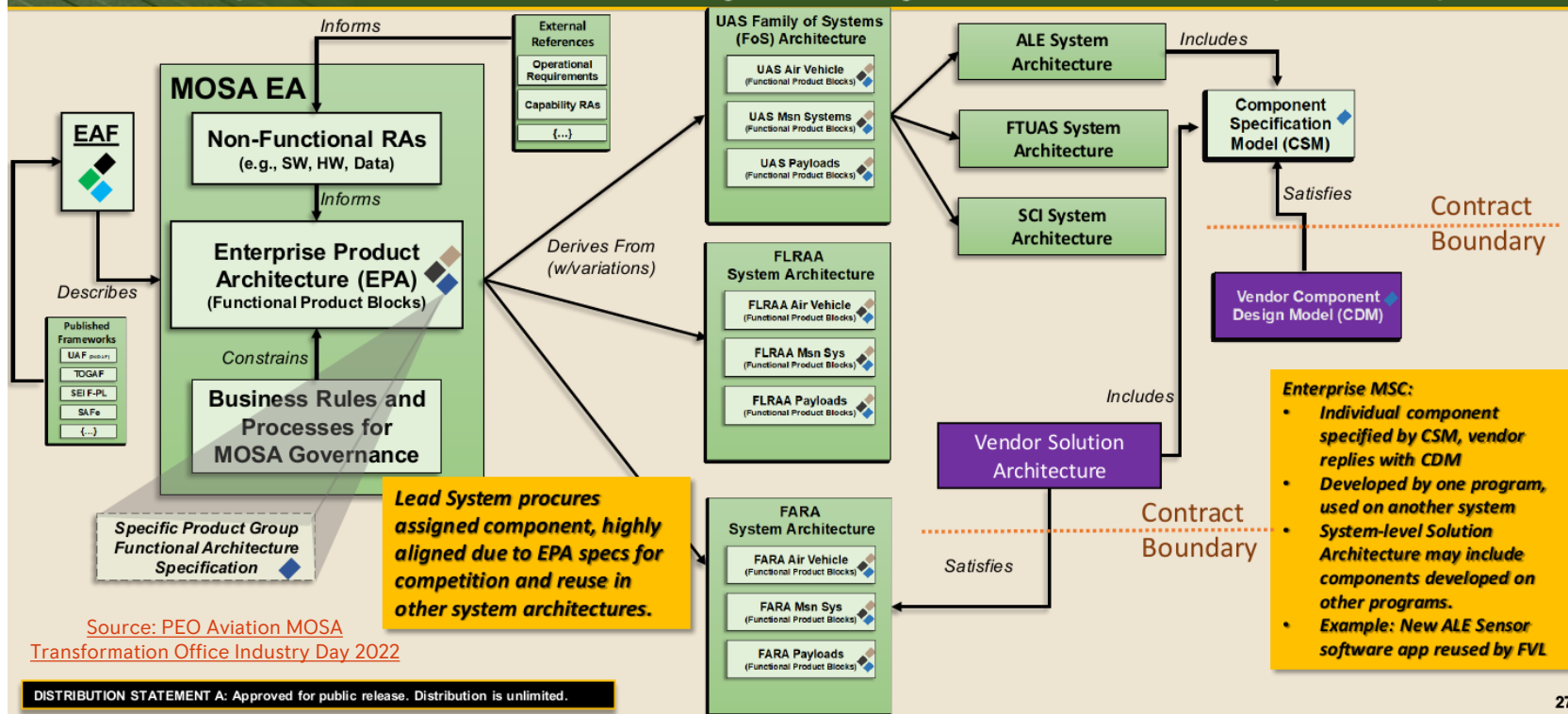


Rapid Design Iteration, agile requirements management, complex system design and adaptive solutions

Digital Manufacturing & supply chain, Digital Inspection and Test, Optimised Maintenance and Prognostics

PHYSICAL SYSTEMS

Enterprise Product Architecture System of Systems Procurement (Notional)



Industry Example

Questions?

