

### Model Based System Engineering

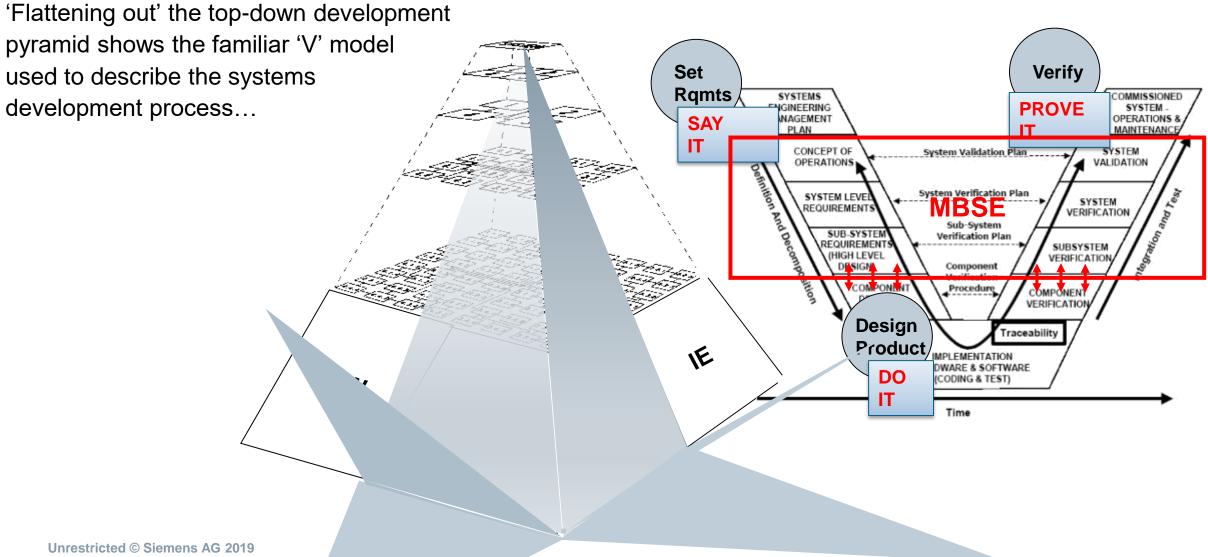
Christoph Marhold Sen. Principal Key Expert MBSE

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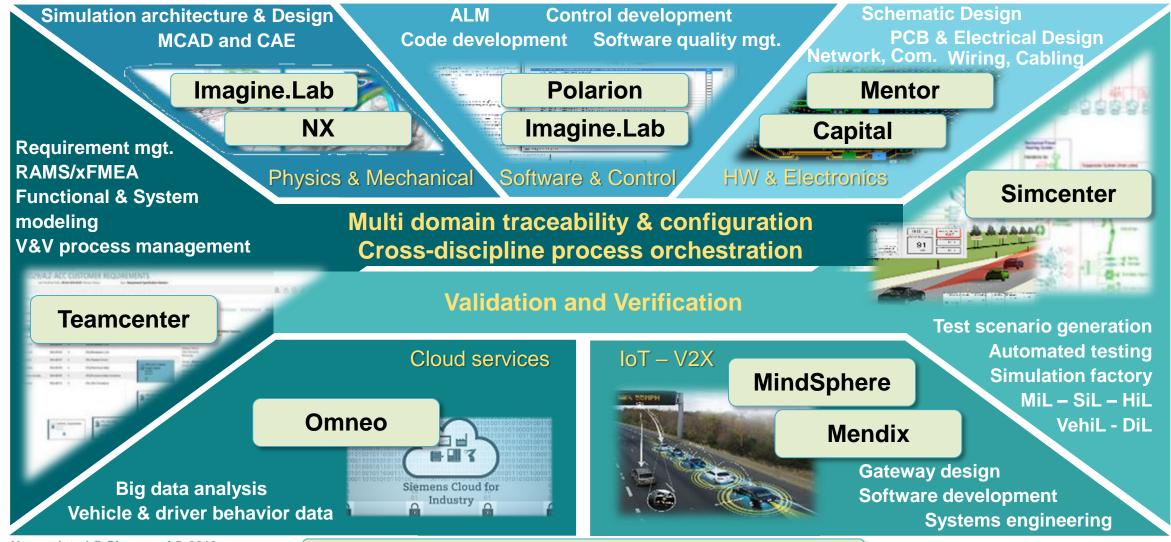
### **Integrated SE Process ...**





# Integrated MBSE... Looking down on the pyramid...





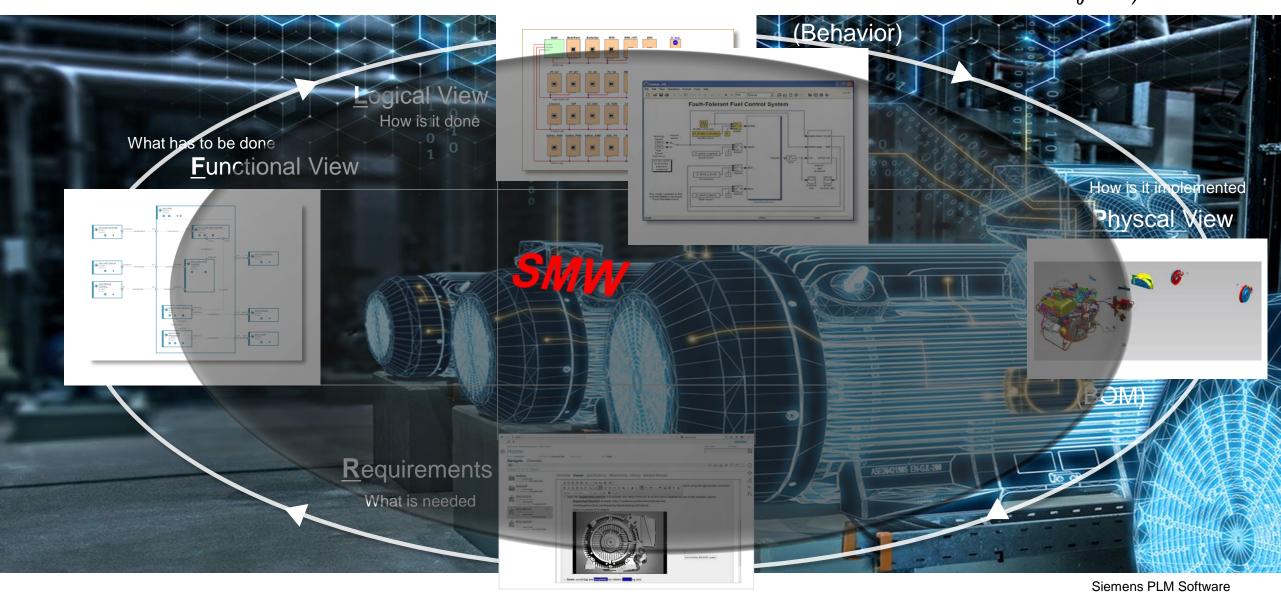
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...and a number of 3<sup>rd</sup> party integrations

### **MBSE** helps to master Complexity

and allows Collaboration between Teams (RFLP Method)



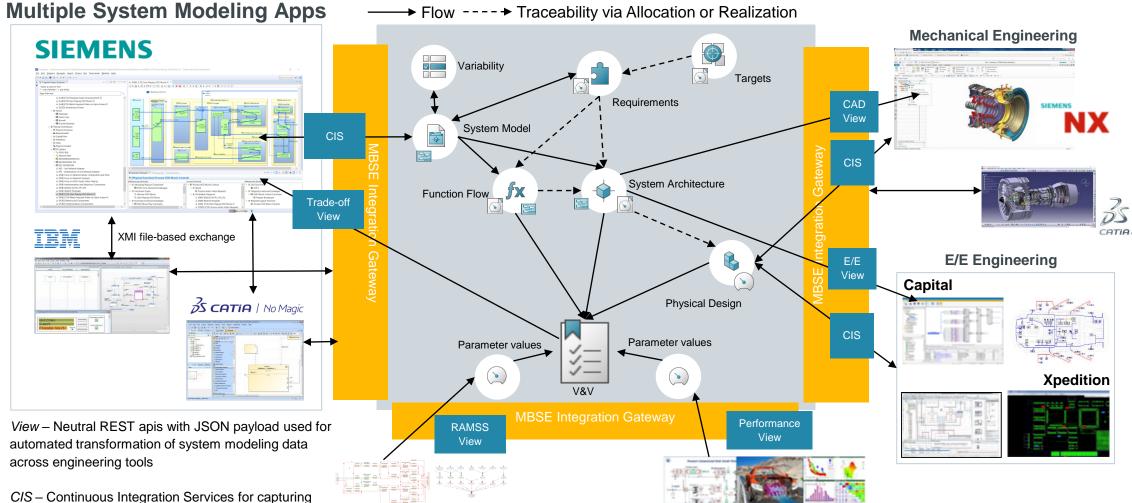


### **System Modeling Product Strategy**



#### **TEAMCENTER**

Common Information Model and PLM Services



**Specialty Engineering** 

**Performance Engineering** 

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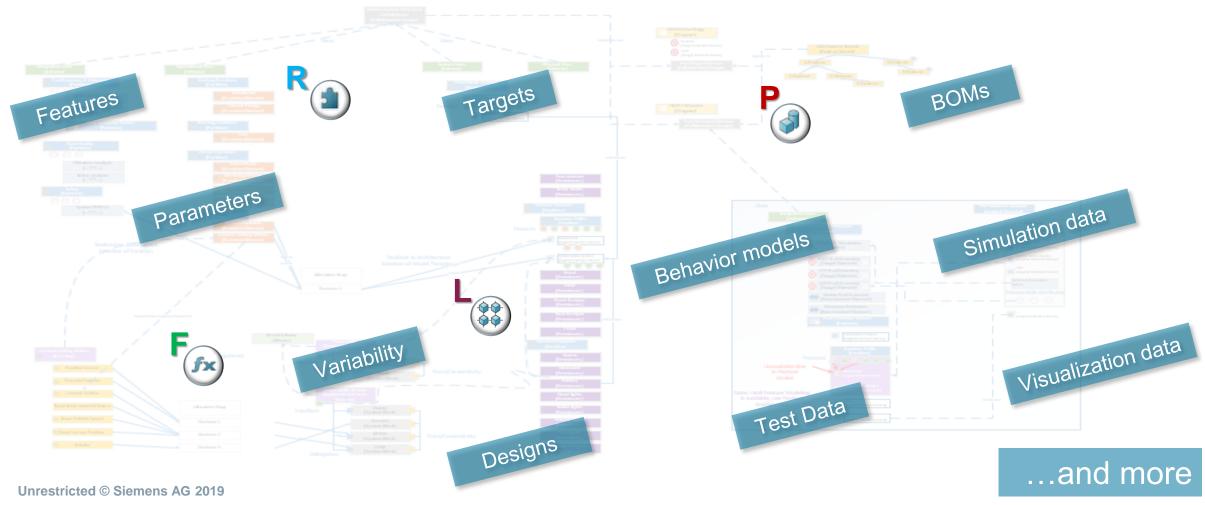
models with traceability

### **Integrated Model Based Systems Engineering**

### OOTB multi-domain information meta-model

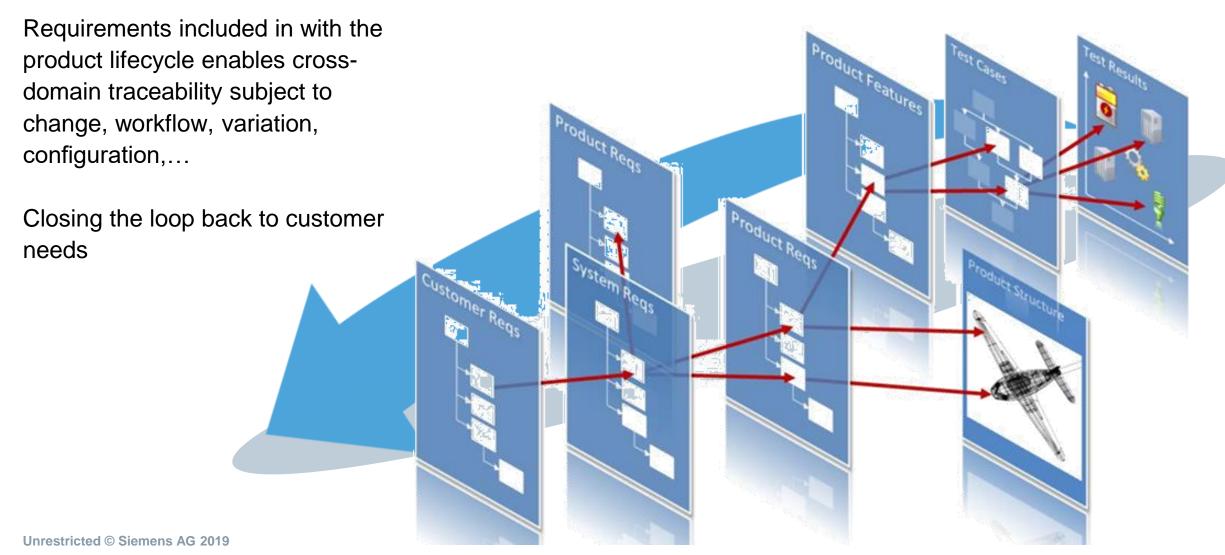


#### Complex and very large scale....Leverage years of Teamcenter industry presence



# Integrating/connecting requirements with the lifecycle enables complete, closed-loop, cross-domain traceability



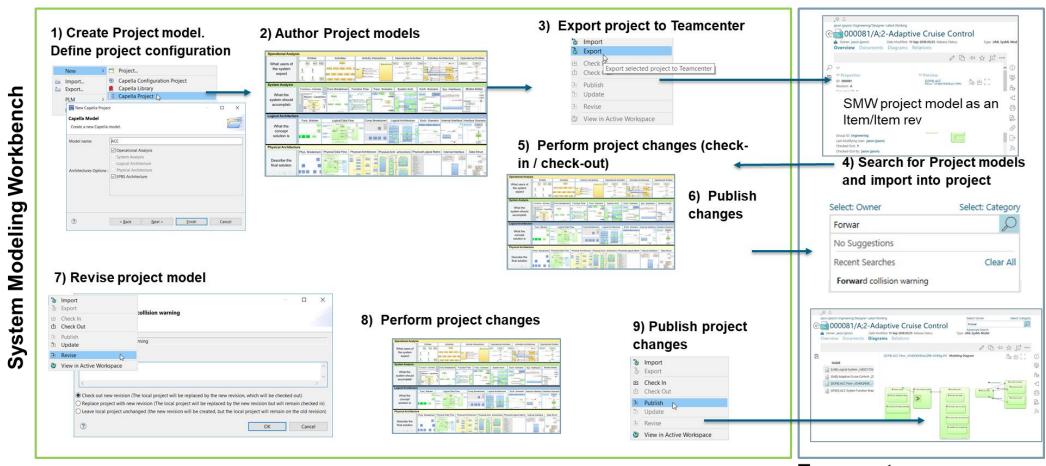


### **What Exists Today**

### Teamcenter Model Management Gateway Integration



### Manage system modeling lifecycle



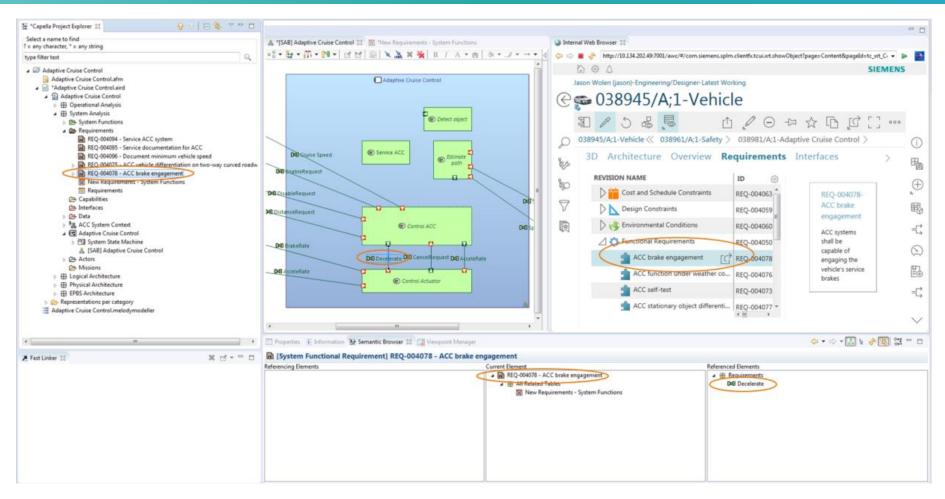
**Teamcenter** 

### **What Exists Today**

### Teamcenter Requirements Integration

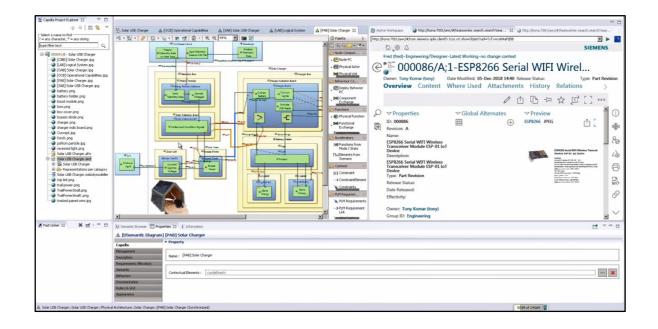


#### Elicit, refine and organize requirements for product development



## Integrated Model-Based Systems Engineering System Modeling Workbench for Teamcenter Demonstration











### **Additional Questions?**

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