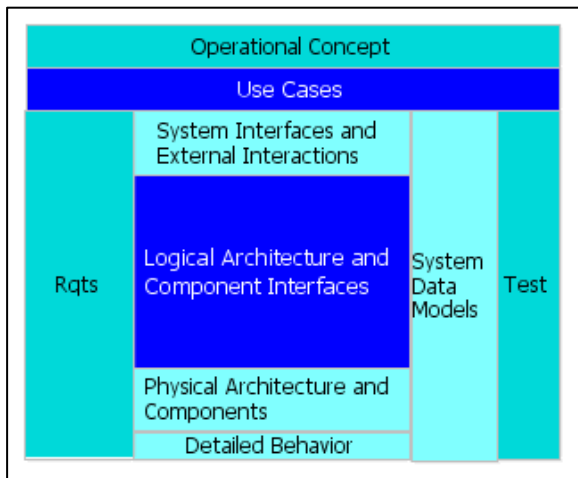


## Collaborative Architecture Workshop

*1-day workshop for Systems Engineers, Software Architects and Developers to build collaboration techniques between systems engineering and software development.*

Architecting, specifying and developing complex, high performance systems present a range of challenges. Getting systems engineering and software development to function smoothly as a cooperative, joint team is not always easy. Pathfinder Solutions *Collaborative Architecture* workshop delivers the skills and techniques needed to build your system faster with higher quality through effective collaboration.

Based on decades of industry experience with model-driven systems engineering and software development, this 1-day workshop delivers a set of proven architecture and component specification and development processes and guidelines. Give your model-driven systems engineering and software development teams the tools they need to build a culture of collaboration.



*This model-driven systems engineering approach is specifically optimized to enhance collaboration in the development of complex, high performance systems in distributed deployments. Available on a range of modern tools, this course builds a bridge of collaboration between systems and software teams.*

*"With a focus on simple and effective techniques, Pathfinder builds collaboration that actually works."*

*Bill W., System Architect, Abbott Labs*

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### **Collaborative Architecture Outline**

This 1-day workshop is organized with a focus on process and methodology-level issues, tackling difficult challenges like model completeness, sufficiency, and collaboration with software development head-on:

#### **SysML Introduction**

- History
- Core Semantics, Diagram Type Overview
- Model Organization
- Requirements

#### **MDSE with SysML - Overview**

- The System and the World, the System Within
- Work Products Produced
- General Modeling Common Sense

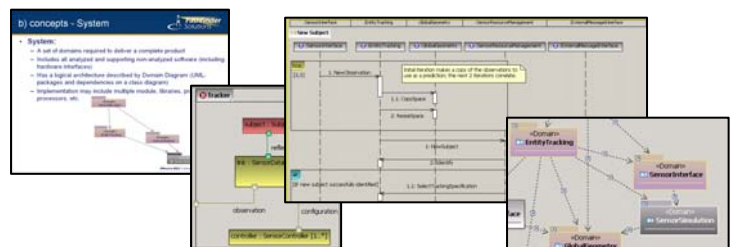
#### **Collaborative Architecture Development**

- Core Semantics
- Construction and Evolution
- Reviewing Logical Architectures

#### **Bridging to Development**

- The Chasm
- Drivers for collaboration
- The Obstacles
- Shared Elements
- Joint development

Attendees of this course should be familiar with model-driven systems engineering and software architecture.



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