MBSE Workshop

Agenda and Objectives
September 26th, 2016

Greg Pollari, RockwellCollins
Mark Williams, The Boeing Company
MBSE-CAE Track Coordinators
GPDIS is all about interoperability

• What are the most important features that facilitate interoperability between our companies (versus within our companies)?

• Identify a set of industry standards, tools, and process recommendations that will improve the technical deliverables and communication between the OEMs and their Suppliers (RFLPM).

• To point out opportunities to our Vendor, and Service Provider communities on how they can help us
Who Are We?

OEMS – Boeing, Northrop Grumman, Textron, Airbus
SUPPLIERS – Rockwell Collins, Parker Aerospace, Honeywell
27 different COTS Vendors and Service Providers
Academia/Gov – Texas Tech, Georgia Tech, BYU, NIST, NASA

This opportunity is made possible due to the support of the GPDIS partners, sponsors, software vendors, sub-tier suppliers, and academia who all attend our conference.
1. Identify potential targets for MBSE deliverables (RFLPM)
2. Establish an ad-hoc pilot for data exchange
3. Define measurables for OEM-Supplier communication improvements
4. Evaluate deployment standards alternatives for industry suppliers, customers and vendors
5. How should we evaluate, enhance, promote the four targeted standards identified at last year’s conference (SysML, OSLC, FMI, Modelica)?
6. What key standards may be more important than the four listed from last year’s conference that facilitates interoperability between our companies?
AGENDA

Global Product Data Interoperability Summit | 2016

- **Academia – The Non Advocate Reviewer**, Dr. Greg Jensen, BYU (10 min)
- **External Standards, OMG-OASIS** – Mark Schulte, Boeing (10 min)
- **RockwellCollins and Dassault Systemes**
  
  **STEP AP239 for Publish-Subscribe Architecture** (50 min)
- **SubTeam Meetings** (15 min)
- **Break** (15 min)
- **SysML Gaps - John Herrold, Boeing** (10 min)
- **Mentor Graphics and Boeing**
  
  **OEM/Supplier/Vendor standards deployment** (40 min)
- **Team Report Out – Feedback Summary** (15 min)
- **Next Year ?**
ASD Radar screen from the Strategic Standardisation Group

Available external standards

Monitor external development

ASD development

Participate in external development

Blip available
Blip in preparation
Current ASD SSG actions

Version: V1.7
A view of our Activities and Participants

An optimistic journey

and many bridges to cross

with no wizard

but marauding distractions

CREDIT: Bill Chown, Mentor Graphics
What do you expect from this year’s workshop?

• Please write at least two sentences
• Do it NOW!
• Include statements about standards, tools and processes
• Add to it during today’s workshop
• Turn it in before you leave
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- Next Year?
What do you need to get from this year’s workshop? What did you learn?

• Please write at least two sentences

• What did your teams talk about, and how closely did the group match the individuals?

• Chance to report-out

• Turn it in your materials before you leave
• Recommendations for next year

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(or any members of the GPDIS Executive Committee)