

2023 GPDIS Agenda

Monday, September 18, 2023

(Subject to Change)

PST

Summit Begins - Day 1

7:00 AM - 5:30 PM

Registration - ANASAZI Lobby

Cochise

1:30 - 3:00

Model Based Systems Engineering (MBSE) - Workshop

The format of the MBSE workshop includes both presentations and a hands-on activity. More than just a discussion, it is a chance for the participant to contribute to the learning process and share their experiences. Features of this year's workshop include Dr. Joe Gregory, Un of Arizona, as our guest speaker. He will share the benefits of the Digital Engineering Factory (DEF), a browser-based collaborative engineering environment. We will also explore improvements in process and data standards addressing model identification and a workflow for data reuse.

Moderators: Kenneth Venzant (Northrop Grumman) / Dishanth Iyer (The Boeing Company)

3:00 - 3:20

Break - NO Beverage Service

3:20 - 5:00

MBSE - Workshop (cont'd).

2023 GPDIS Agenda

Tuesday, September 19, 2023

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PST

Day 2

Registration - ANASAZI Lobby

Breakfast - ANASAZI Courtyard

8:00 - 8:20

Kenny Swope, GPDIS Chairman & Jennifer Wold, GPDIS Program Manager
GPDIS Kickoff (Welcome/Introduction)
Hohokam Ballroom

8:30 - 9:20

Adam Marshall, Senior Director, Boeing Commercial
Digital Engineering Leader and Chief Engineer of the Boeing Commercial Digital Transformation Program
Digital Transformation
The Boeing Company
Hohokam Ballroom

	Model Based Systems Engineering & Analysis (Open)			Digital Twin / Digital Thread (Open)			Standards (Open)			Model Based Engineering - DESIGN (Open)			PLM Executive (Open)		
	Kenneth Venzant / Dishanth Iyer			Robert Rencher / Cory Kinsel			Patrick Walsh / Jeff Klein			Robert Fisher / Brian Tims			Tommy Ortiz / Ken Johnson		
	Cochise			Yucca / Palo Verde			Cholla			Saguaro			Geronimo		
9:30 - 10:10	John Nallon, TIMLM WG Chair & Gregory Pollari, INCOSE TIMLM Wg Co-chair	INCOSE	MBSE Standards Collaboration for Interoperability and Integration	Keshav Sundaresh, Global Director of Product Management - Digital Twin & Thread	Altair	Open, Flexible, and Purpose-driven Digital Engineering	Brian Chiesi, General Manager	PDES, Inc	Enabling Digital Enterprise Moving Interoperability standards forward	Annalise Suzuki Phil Spreier	Elysium Inc.	Exploiting Digital Data & Standards in a Flexible Environment	Thomas Hereford & Jim Osborne	SAP	Supply Chain Strategies to Achieve Resiliency and Avoid Risk
10:20 - 11:00	Jeff Pilato, Chief Strategy Officer	Sodius Corp.	Digital Engineering: Systems Model Exchange Framework	Rick Amann, ATF Product Systems & John Daniel SME Digital Processes & Tools	The Boeing Company	Technical Debt & The Digital Thread on the AH64 Apache Helicopter	Jamie Yedinak, Interoperability Standards Engineer	The Boeing Company	Data Interoperability Standards Utilization Survey	Matthew Reilly, Sr. Principal Systems Engineer & June Kobayashi, Sr. Staff Engineer RF Microwave Design	Northrop Grumman	Product Line Engineering Digital Thread: Now and the Future	Paul Kaiser, Global PLM Director & Max Gravel, Model-Based Engineering Manager	Moog Inc	Unlocking Business Potential: Transforming Technology, Governance, and Data in the Digital Era
11:00 - 11:30	Break - Beverage Service - Apache Veranda (3rd Fl) and Saguaro/Cholla (3rd Fl)														
11:30 - 12:10	Kenneth Venzant & Dish Iyer	Northrop Grumman & The Boeing Company	Panel Discussion on Future of MBSE as it Relates to AI and Product Development	Nathan Nalven, VP Customer Engagements	eQ Technologic Inc.	Delivering Digital Thread Leveraging API Factory and Common Data Model (CDM)	Jeff Klein, Configuration Management & Bernd Feldvoss, PLM Interoperability Standards Specialist	The Boeing Company & Airbus	Overview of Long Term Archiving (LOTAR) Industry Standards Development Activities				Pawel Chadzynski, Sr. Director, Product Marketing	Aras Corp.	How to Effectively Leverage Digital Thread to support the Model-Based Enterprise
12:10 - 1:30	Lunch and Vendor Fair - ANASAZI Ballroom														
1:30 - 2:10	Dennis D. Beeson, DEE Technical Integration Lead	Northrop Grumman	Model Based Digital Navigation Between ASoT Systems	Kelli Howe, IT Engineer	The Boeing Company	Digital Thread Potential of a Note	Nora Tazir, Technical Program Manager	prostep ivip	prostep ivip at a glance	Ram Eswaran, Chief Technology Officer	Kubotek Kosmos	Data Exchange Best Practices			
2:20 - 3:00	Juan Carlos-Mendo, MBSE Tech. Leader	The Boeing Company	MBSE Reference Framework Digital Collaboration	Cory Kinsel, Principal Engineer Systems Architect	Northrop Grumman	Engineering the Digital Ecosystem	Melissa Harvey, Enterprise Architect	The Boeing Company	A Practical Approach to Implementing STEP	Alain Plouga & Brain Chiesi	Prostep & PDES, Inc.	Collaborative Digital Thread - Discussion Session	Henri Thevenot and Robert Stiefel	Siemens	Connecting the Digital and the Physical to Unlock Enterprise Value
3:00 - 3:30	Break - Beverage Service - Apache Veranda (3rd Fl) and Saguaro/Cholla (3rd Fl)														
3:30 - 4:10	Priscilla Carreon, Systems Engineer & Maria D'Agostino	Northrop Grumman	Are You Tired Of Being A PowerPoint Engineer				Bernd Feldvoss, PLM Interoperability Standard Specialist and Kyle Hall, Data Driven System Engineer	Airbus	STEP AP242 and AP243 - Consistently defined complex products and their context	Jayson Latowski, Digital Innovation and Transformation Process Engineer	The Boeing Company	Digital Transition to 3Dimensions	Sanjay Khurana	Dassault Systems	Managing Digital Transformation in a heterogeneous modeling environment
4:20 - 5:00	James Carr	Inceptra	MBSE - End-to-End Electrical Engineering	Robert Rencher & Cory Kinsel	The Boeing Company & Northrop Grumman	In Track - Aerospace and Defense Digital Thread Workshop	Keith Hunten	Consultant	Harmonization Of Composite Standards	Tony Provencal	ITI	Validating 3D Content in the Digital Thread	Thomas Hereford, Global Sr. Director, COE, Digital Supply Chain	SAP	SAP/Siemens - An Integrated Digital Thread
5:15 - 7:15	Dinner & Vendor Fair at ANASAZI Ballroom														

2023 GPDIS Agenda

Wednesday, September 20, 2023

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PST															
Day 3															
Registration - ANASAZI Lobby															
Breakfast - ANASAZI Courtyard															
8:30 - 9:20 Tamara Lewis, Director Digital Transformation "Exploring The Supply Chain Digital Thread" Northrop Grumman Hohokam Ballroom															
Model Based Systems Engineering & Analysis (Open)				Digital Twin / Digital Thread (Open)			Standards (Open)			Model Based Engineering - MANUFACTURING (Open)			Emergent Technology / Industry Transformation (Open)		
Kenneth Venzant / Dishanth Iyer				Robert Rencher / Cory Kinsel			Patrick Walsh / Jeff Klein			Robert Fisher / Brian Tims			David Nelson / Rebecca Lamont		
Cochise				Yucca / Palo Verde			Cholla			Saguaro			Geronimo		
9:30 - 10:10	Stephan Rudolph	IILS mbH	Digital Continuity, Consistency & Interoperability Along the Product Life-cycle Using Graph-based Design Languages	Mike Anthony, Principal Application Engineer	MathWorks	Beyond Static Models: Verification-Based Digital Engineering	Phil Rosche, PDES MBx-IF	Advanced Collaboration Consulting Resource	The MBx Implementor Forum MBx-IF Overview CAX-IF R52J Summary & next steps CAX-IF UG Update EWIS-IF Summary & next steps EWIS-IF UG Update PDM-IF Round 16 Status & UG Update	Rohan Rana, Process Engineer	The Boeing Company	MBD Data Interoperability Through Data Standards: A Case Study	Stephanie Dinkins, Sr. Manager Systems Engineering & Joan Dodson, Ph. D., Staff Engineer Human Factors	Northrop Grumman	Exploring the Interoperability of Human Factors and the Business for a Successful Adoption of Digital Solutions
10:20 - 11:00	Brant Ross, Assistant Professor	Utah Tech University	Enhanced MBSE of Products with Assemblies in Motion Using Multi-Physics Simulation Models	Tal Doron, AVP Solution Architects	GigaSpaces	Breaking the Silos and Connecting the Dots: Implementing a Digital Thread with an Operational Data Hub							Lakshmi Dinesh, Product Manager	The Boeing Company, India	Digital Thread for Risk Management - Supply Chain
11:00 - 11:30 Break - Beverage Service - Apache Veranda (3rd Fl) and Saguaro/Cholla (3rd Fl)															
11:30 - 12:10	Jonathan Sulton, Engineering Tech Specialist	The Boeing Company	Engineering Data Quality	Leo van Ruijven, Principal Systems Engineer	Croonwollerendros	Car Wash For Data: Best Practice for Information & Configuration Management of an Industrial Facility.	Phil Rosche, PDES MBx-IF	Advanced Collaboration Consulting Resource	STEP Vendor Updates	Ross Snyder	Sigmatrx	Connecting The Digital Workflow With Good Data	Zach Eiter, Sr. Principal Architect	Northrop Grumman	Beyond Boundaries Transforming Interoperability for the Next Generation of Factories
12:10 - 1:30 Lunch and Vendor Fair - ANASAZI Ballroom															
1:30 - 2:10	Michael Jahadi, Chairman, President & David Sellman, Membership Director	PDES Inc.	LOTAR the Right Approach	Daniel Hayek, Senior Manager & Samuel Yang, Sr. Principle Engineer	RTX	A digital thread connecting engineering and manufacturing at the feature level to improve lead time and part quality.	Ansel Koehler, PLM Capabilities Development & Neil Lichty, Supplied Parts Technical Fellow	The Boeing Company	Global Collaboration Standards	Bob Deragisch	Parker Aerospace	Panel Discussion: Model Based Engineering vs. Model Based Enterprise	Michael Arnold, Executive Director Digital Innovation & Marina Chernyshevich, PhD, Director AI and Data Science	Accuris	Transforming Standards Creation and Use with AI
2:20 - 3:00	Clemente Coic, Team Leader Aerospace	Modelon	Linking Design Requirements to FMUs to Create LOTAR Compliant mBSE Models	Kenney Crooks, NG Fellow	Northrop Grumman	Advancing the Digital Thread Throughout the Lifecycle	Craig Palmer - Senior IVT Developer	The Boeing Company	Standardization of digital human model joint definitions	Kjell Bengtsson, Vice President	Jotne	Utilizing PLM and ISO 10303 (STEP) - Utilizing PLM & STEP for managing advanced manufacturing processes of critical space components	David Votaw, Automation Wizard	Northrop Grumman	DevOps in Action
3:00 - 3:30 Break - Beverage Service - Apache Veranda (3rd Fl) and Saguaro/Cholla (3rd Fl)															
3:30 - 4:10	Kyle Hall, Data Driven System Engineer	Airbus	MoSSEC - Standardized Context to Unlock Robust Digital Continuity	Seth Dippold, Senior Software Engineer & Daryl Kwakye-Ackah, Sr Principal Manufacturing Systems Engineer	Nlign Analytics & Northrop Grumman	Leveraging the Digital Thread in Manufacturing and the Continued Benefits through the Product Lifecycle	Jennifer Herron, Founder & CEO	Action Engineering LLC	Standards-Compliant TDPs in Action	James W. Hill, CEO	Aging Aircraft Solutions	Maximizing Production by Operationalizing Manufacturing Simulation Models	Patrick Dunfee, VP of Marketing & Jim Martin, Director of Customer Engagement	Anark Corporation	From File-based Technical Data Distribution to Collaborative Technical Data Portals
4:20 - 5:00	Benjamin Krajmalnik, Sr. Staff Engineer Software	Northrop Grumman	MBSE Stack DevSecOps	Kevin Bonanne & Jason Wilson	RTX & Dassault Systèmes	Addressing The Need of Managing Intellectual Properties (IP) in Model-Based Collaboration within the Supply Chain	Bryan Solstin, Systems Engineer	The Boeing Company	Distributed Configuration Management	Rosemary Astheimer, Mechanical Engineer	NIST	STEP by Step to MBE	Sean Riley, Vice President Global Industry Solutions & Joe Nichols, Technical Project Engineer	Software AG & MxD	Understand & Deploy a Supply Chain Digital Thread
5:15 - 7:15 Dinner and Vendor Fair - ANASAZI Ballroom															

2023 GPDIS Agenda

Thursday, September 21, 2023

(Subject to Change)

PST	Day 4														
7:00 AM - Noon	Registration - ANASAZI Lobby														
6:30 - 7:50 AM	Breakfast - ANASAZI Courtyard														
	Model Based Systems Engineering & Analysis (Open)	Digital Twin / Digital Thread (Open)			Standards (Open)			Model Based Engineering - PRODUCT SUPPORT (Open)			Emergent Technology / Industry Transformation (Open)				
	Kenneth Venzant / Dishanth Iyer Cochise	Robert Rencher / Cory Kinsel Yucca / Palo Verde			Patrick Walsh / Jeff Klein Cholla			Robert Fisher / Brian Tims Saguaro			David Nelson / Rebecca Lamont Geronimo				
8:00 - 8:40				Lonnie VanZandt, Principal Solutions Architect	Intercax	Curating Digital Threads for Effective Model Lifecycle Management	Patrick Walsh Jeff Klein, Tobias Mueller & Torben Lindemann	The Boeing Company Boeing & Airbus	PDES 2024 Technical Management Plan Basic and Common WG				Brian Laughlin Technical Engineer	The Boeing Company	Information Kitting and Digital Transformation
8:50 - 9:30				Robert Rencher & Cory Kinsel	the Boeing Company & Northrop Grumman	Digital Engineering - Definition Discussion - By Invitation Only	Jeff Klein & Frederic Darre Dan Ganser	Boeing & Airbus Gulfstream	PDM WG Electrical WG				Richard Barnett, Chief Marketing Officer	Siemens	The Golden Screw Problem - How to Achieve Design for Resilience
9:40 - 10:20				Robert Rencher & Cory Kinsel	the Boeing Company & Northrop Grumman	DT3 Track Summary and Discussion for 2024	Juan Mendo & Kyle Hall Stuart Galt, John Van Horn, & Pierre Duchier Jochen Boy Jeff Klein & Bernd Feldvoss	Boeing & Airbus Boeing & Airbus prostep ivip Boeing & Airbus	MBSE WG 3D Mechanical & Composite WG Planned list of 2023 - 2024 LOTAR meetings Week in review- address how we met Offsite Expectations				Anna-Katrina Shedletsky	Instrumental	Where's the ROI? Developing Realized Value Studies for Digital Transformation & Technology Initiatives
10:20 - 10:30	Break - Beverage Service - Apache Veranda (3rd Fl) and Saguaro/Cholla (3rd Fl)														
10:30 - 11:30	<p>Panel Discussion "MBE Readiness and The Supply Chain"</p> <p><i>Moderated by:</i></p> <p>Melissa Fleener, Vice President, Business and Digital Transformation, The Boeing Company</p> <p><i>Panel:</i></p> <p>Christophe Devillers, Vice President, Engineering 4.0, Safran Jeffrey Reed, Director, Engineering Digital Transformation Office, Northrop Grumman Corporation Bob Deragisch, Enterprise Digital & IT Senior Functional Advisor, Parker Aerospace</p>														
11:30 - 12:00 Noon	<p>Kenny Swope, GPDIS Chairman & Jennifer Wold, GPDIS Program Manager</p> <p>Closing & Thank You</p> <p>Hohokam Ballroom</p>														
12:10 - 1:30	Lunch and Vendor Fair - ANASAZI Ballroom														