Logistics Management Associates
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www.log-mgmt.com

Model-Based Product Support
Extending
Model-Based Systems Engineering
23-24 May 2023

A Virtual/On-line Presentation

The years 1973-1983 represent one of the most significant technical transitions experienced in centuries as we moved from a paper-based industry to a computer-based environment. Computer databases replaced paper solutions. This transition was monumental for processes and products in reducing cost and maximizing results. Over the 40 years from 1983 to 2022, we have continually refined and enhanced this transition; however, we continue working within a paper-concept limiting set of boundaries. An Excel spreadsheet is still just a big piece of digital paper. Every computer program still has a "Print" function.

We are on the cusp of a generational evolution. Model-Based Product Support when implemented as a natural extension of Model-Based Systems Engineering represents a quantum leap into the future. However, coming to grips with the concept of paperless, totally digital model-based thinking challenges us all.

Course Overview: The transition from a paper to a digital environment is a reality for the future of system design and sustainment. Model-based Systems Engineering (MBSE) works. It is a proven method to streamline system development and address complex issues. Model-based Product Support (MBPS) is the next step in combining product design with product sustainment. Model-Based Product Support must be conjoined with Model-Based Systems Engineering to encompass the total life cycle of a system.

This course is a comprehensive study of how MBPS must be implemented as an extension of MBSE in a cost-effective manner to improve operational availability while controlling total cost of ownership. The course focuses on how to obtain the maximum benefit for the least investment in time and money.

A significant benefit of this course is resolving the myths and fairytales that have surrounded the MBPS process. MBPS is simply an extension of MBSE. At the completion of this course students will understand that MBPS is a comprehensive method of combining MBPS with MBSE so that sustainment and cost of ownership can be considered as a natural progression of the evolving design process, rather than an after the fact follow-on effort. This combined MBSE+MBPS approach provides design engineers and systems engineers with dynamic assessment of the design from concept through sustainment.

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Course Focus:

The Concept of "Model-Based"
Why Model-Based is so different from Paper-Based
Using MBSE as the foundation for MBPS
How MBPS should be a natural extension of MBSE
Understanding the actual benefits achievable by implementing MBPS + MBSE
Organizational changes
Corporate thinking changes
Discussion of current "piecemeal" implementation approaches
The first real step toward implementation success
Challenges of Transition
What to do with Legacy programs

A virtual/on-line presentation using Microsoft Teams 0900-1700 EDT (USA NY)

Course Fee: US$ 895

Register at: conference@log-mgmt.com

LOGISTICS
MANAGEMENT ASSOCIATES

Registration Form

Name _____

Email _____

Company/Organization _____

Contact Telephone _____

Please register me for:

☐ Model-Based Product Support ($895)
23-24 May 2023

☐ Early Bird Discount 10% (30 April 2023 deadline)

☐ CLEP/SOLE Active Member Discount 10%

Payment Method:

☐ Visa/MC/Amex
Name on Card _____
Card Number _____
Expires _____
CVC _____
Billing ZIP/Post Code _____

☐ PayPal
Send invoice to (email):_____

☐ SF182 (USN/USMC) (attached)

Send completed registration form to:
Email: conference@log-mgmt.com
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