

Systems Engineering KC

Systems Engineering Knowledge Council Workshop Panel

A CIMdata PLM Foresight Event
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John MacKrell, VP & Systems Engineering Council Lead
j.mackrell@CIMdata.com
+1.734.668.9922

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Systems Engineering Panel

The Role of Requirements Management in Systems Engineering

- Steve Partridge, Senior Solutions Expert , PTC
- Diego Tamburini, Senior Industry Program Manager, Manufacturing, Autodesk
- Greg Gorman, Director, Rational Systems Product Management, IBM Rational
- Todd McDevitt, Director, Corporate Product Planning & Strategy , ANSYS
- Fadi Ben Achour , Senior Industry Program Manager, Manufacturing, ESI (CyDesign)
- David Vredenburg, Co-Founder & CTO, SBE Vision
- Craig Brown, PLM Leader, Global Engineering Systems Development & PLM, General Motors



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Questions

- **Todd McDevitt, ANSYS**
 - How can we improve the ability to do cross-physics verifications—is there anything new on the horizon?
- **Steve Partridge, PTC**
 - What do you see as the future benefits of the integration of software development and systems engineering with mechanical design and PLM?
- **Diego Tamburini, Autodesk**
 - What are the obstacles you most often see to integrating SE into the product development process?



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Questions

- **Greg Gorman, IBM Rational**
 - How will the traditional CAE and PLM worlds be impacted and improved by the integration of tools from the controls, electrical and mechatronics domains?
- **Craig Brown, General Motors**
 - What is the role of cultural change in the adoption of systems engineering?
- **David Vredenburg, SBE Vision**
 - People track requirements with various tools (including Excel) but the requirements are not traceable to the actual design in the PDM system or to simulations or physical tests that are used to validate the product performance. What can we do to tie this all together?



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