



www.incose.org

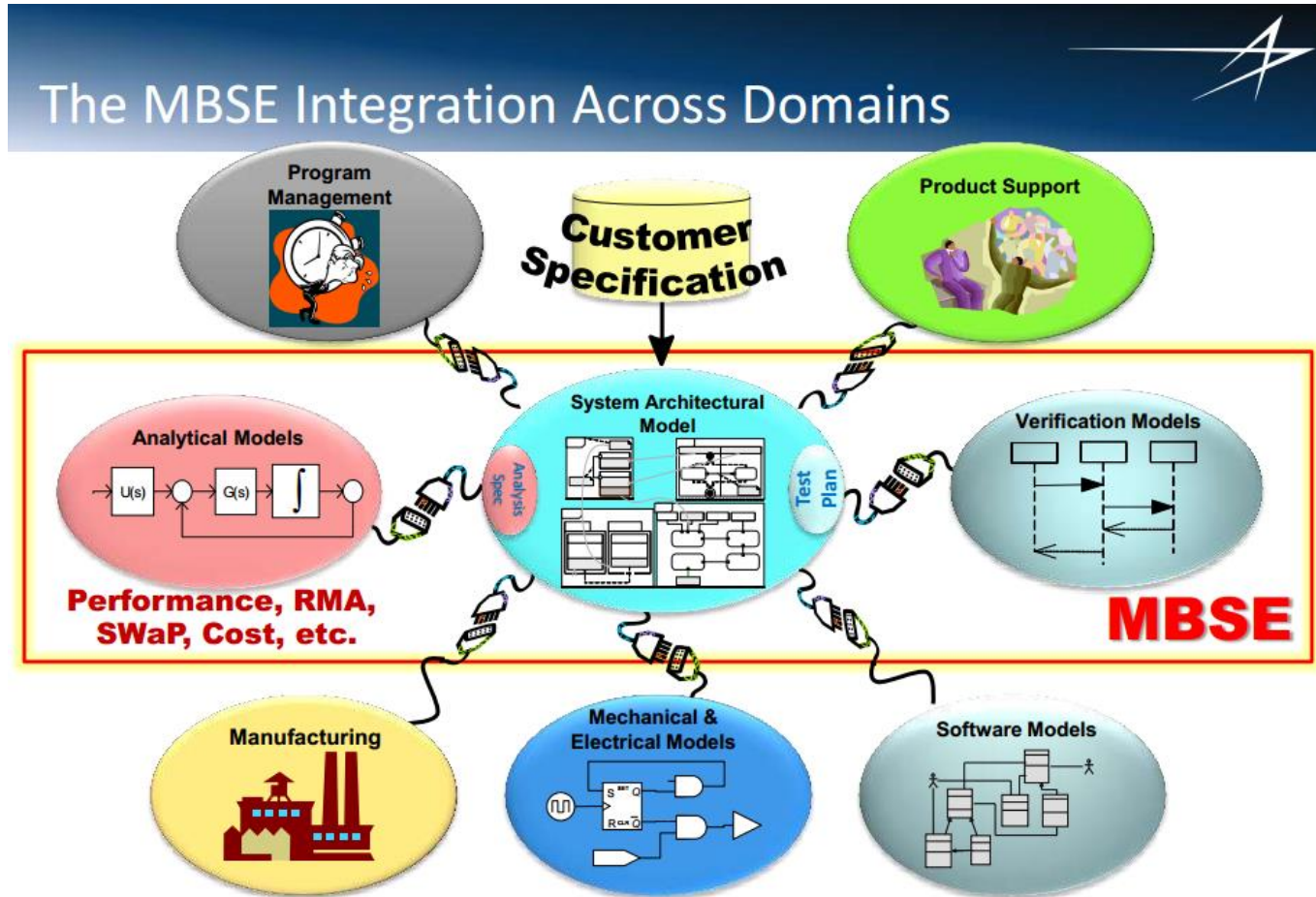


www.nafems.org

Linked Data and RDF Vocabularies for Engineering Model Integration

Roger Burkhart
John Deere

Challenge: Models Don't Talk to Each Other

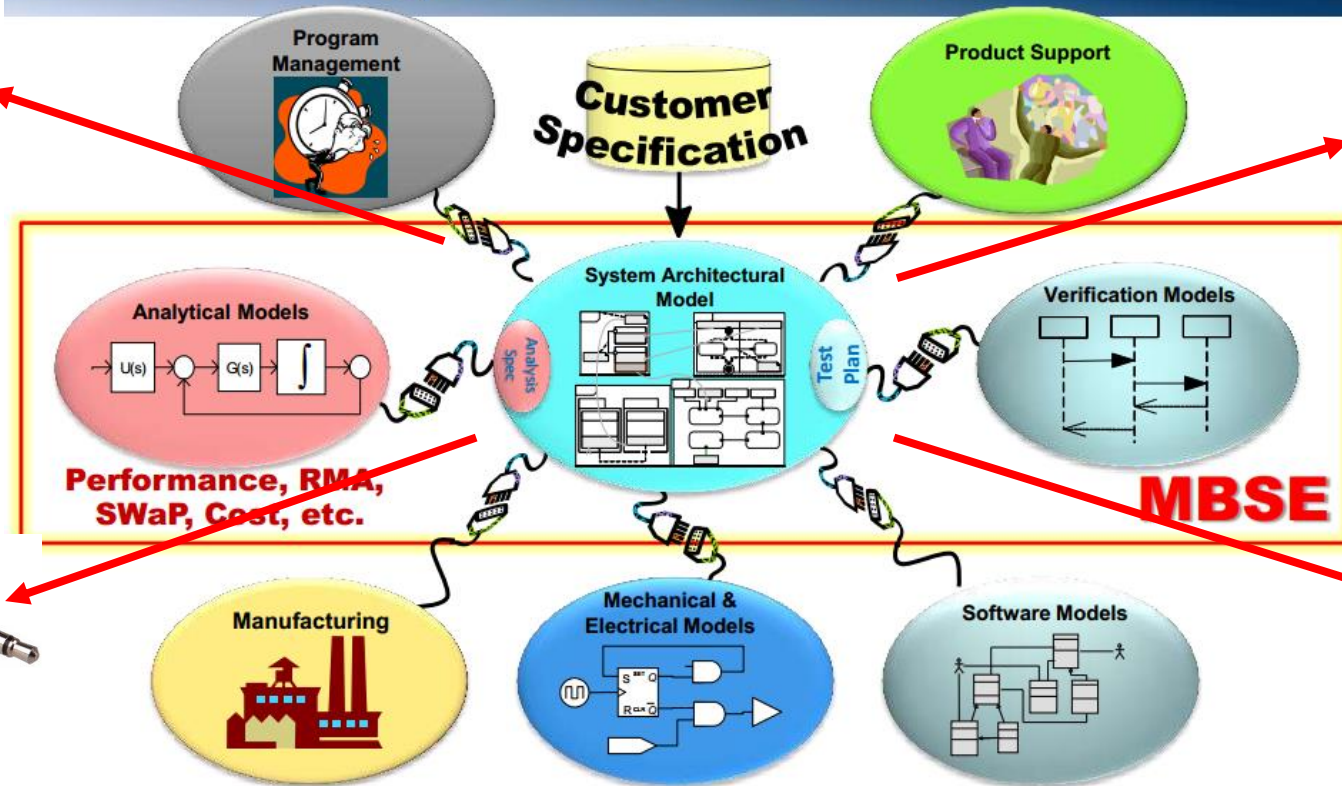


Source: Lockheed Martin, <http://www.incose.org/docs/default-source/delaware-valley/mbse-overview-incose-30-july-2015.pdf>

16

Challenge: Models Don't Talk to Each Other

The MBSE Integration Across Domains

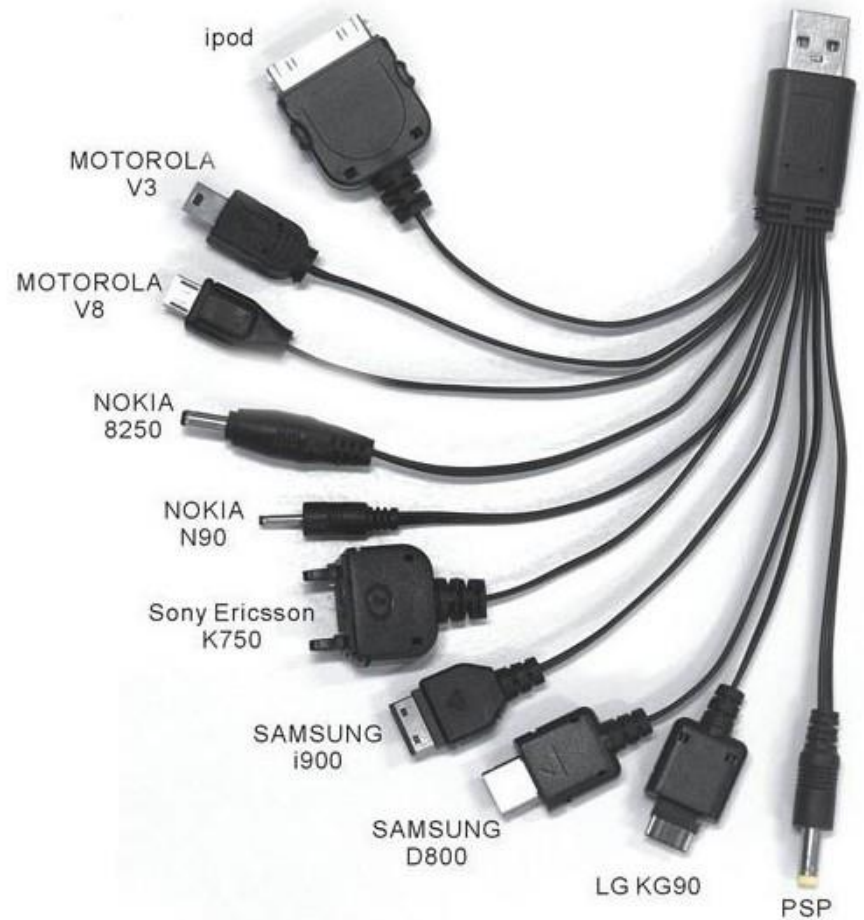


Source: Lockheed Martin, <http://www.incose.org/docs/default-source/delaware-valley/mbse-overview-incose-30-july-2015.pdf>

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Project Overview *

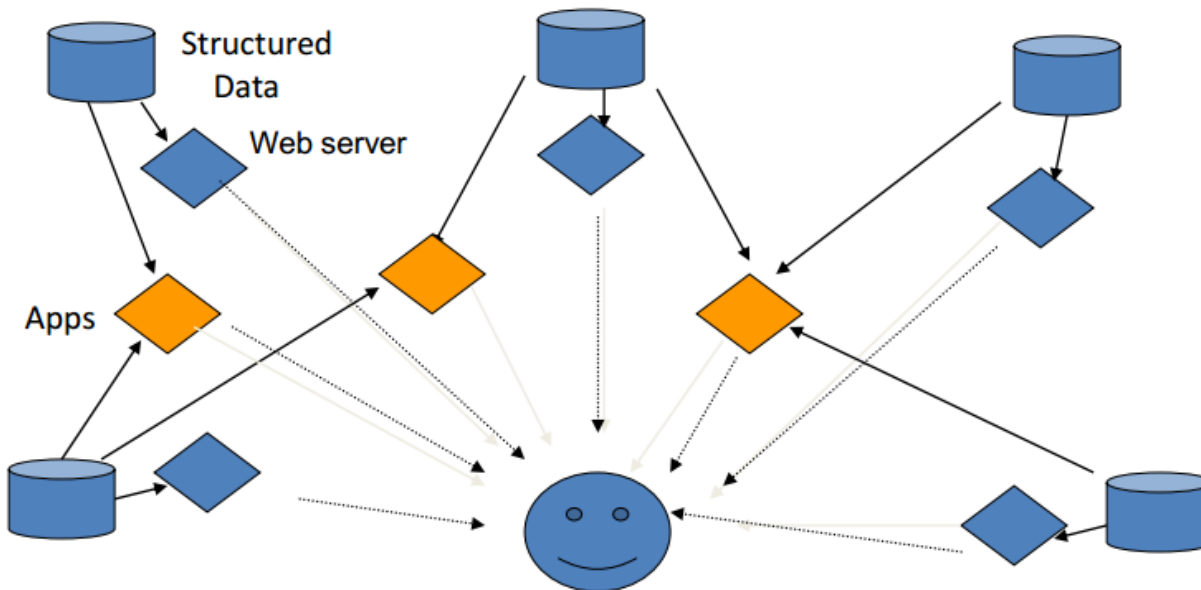
Remember being sold “Standard Cell phone” connectors?



* Navigating the PLM Standards Universe
CIMdata PLM Webinar Series
10 November 2016
#cimdatawebinar

What is Linked Data?

Goal: Web for Machines & Humans



<http://iswc2013.semanticweb.org/content/keynote-ramanathan-v-guha.html>
http://videlectures.net/iswc2013_guha_tunnel/

Structured Data on the Web

ASME
Nonprofit organization



 asme.org

The American Society of Mechanical Engineers is a professional association that, in its own words, "promotes the art, science, and practice of multidisciplinary engineering and allied sciences around ... [Wikipedia](#)

Membership: 140,000+ in over 150 countries
President: [K. Keith Roe](#)
President-elect: Charla K. Wise
Headquarters: New York City, U.S
Location: Two Park Avenue; New York; NY 10016-5990; United States
Founders: [Alexander Lyman Holley](#), [Henry Rossiter Worthington](#), [John Edison Sweet](#), [Matthias N. Forney](#)

Institute of Electrical and Electronics Engineers
Professional association



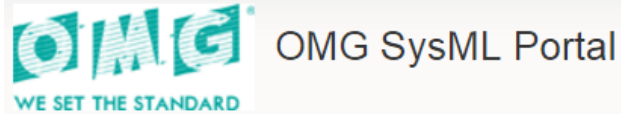
 ieee.org

The Institute of Electrical and Electronics Engineers is a professional association with its corporate office in New York City and its operations center in Piscataway, New Jersey. [Wikipedia](#)

Customer service: 1 (800) 678-4333
Members: 420,000+
Headquarters: [New York City, NY](#)
Location: [Piscataway, New Jersey, US](#)
Magazine: [IEEE Spectrum](#)
Subsidiaries: [IEEE Computer Society](#), [More](#)

incose.org?
nafems.org?

SysML as RDF Vocabulary



http://wiki.omg.org/OMGSysML/doku.php?id=sysml-oslc:oslc4mbse_working_group

OSLC4MBSE Working Group

The OSLC4MBSE Working Group has been initiated in 2013 as a collaborative effort between members of the OMG Systems Engineering and OSLC communities as part of the OMG SE DSIG.

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