

Data Exchange Panel Discussion

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GLOBAL PRODUCT DATA
INTEROPERABILITY
S U M M I T
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ELYSIUM

Parker

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3M

GENERAL ELECTRIC

TRUMPF



2014
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Data Exchange

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- **Need a trade study of various visualization formats including 3Dpdf, jt, 3DVIA, etc. to avoid misunderstanding of each format.**
- **Ambiguous description of file format applications was given during the conference. How to avoid or correct it in the future?**
- **MBD/MBE ROI, cost savings or value stream statement**
- **Need to status current Standard development, e.g., STEP AP242, LOTAR, etc.**
- **standard development process & organization structure including CAX-If, PDES inc.**
- **Automated sync of content between different formats**

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- **Repeat some Boeing Only presentations to the open area, if possible.**
- **Additive Manufacturing could be a separate track**
- **Invite Additive manufacturing vendors to the vendor expo.**
- **Increase the weight of standard compliance in business evaluation**
- **How to share the cost of standard development including inputs from executives?**
- **Hidden data interoperability cost. Need to update the NIST data (2002? \$15B?)**

Data Exchange

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- **Data exchange and System Engineering – are they separate tracks or how to manage the commonality between them??**
- **DRM (digital rights management) need to be discussed along with file translation and transfer.**
- **Social tools to add information exchange during the conference.**

- Stuart G. is also on the committee
- Acrobat Tracker
- Attach .jt or .stp files to a pdf file.
- Security
- 3D pdf workflow
- Well presented by Phil.

- **History of Computer Graphics from Boeing's view**
-

- **Airbus experience on data sharing with suppliers**

Anthony Williams and Arnd Feye – 3D Work Instruction and Automated Data validation with xCompare 63

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- Translation validation for .smg, .jt and V5 files

Robb McCord – Improved Geometry Transfer of Populated Printed Wiring Boards between ECAD and MCAD 11

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- NGC experience in translating ECAD and MCAD data

Abdul shammaa – Migrate Your CAD Data Successfully 24

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- **All API calls except V4 which is done via reverse engineering.**

Morgan Zimmerman – Unleash the Power to Drive Innovation and Productivity 42

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- **Laurent Couillard is the speaker.**
- **Search engine to connect information and make it useful.**
- **Data Intensive Business Discovery**
- **Customer interaction, digital assets and machine data.**
- **Search domain includes CAD files, images, pictures, text files, ..., etc.**
- **EXAlead one part is the tool**

Louis Pascarella – Global Collaboration for Next Generation Engineering Ecosystem 44

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- **GAAG – Global Auto Action Group: new global environment to the auto industry**
- **Solution Concept: GeometricEdge - including geometric and non-geometric data for sharing**
- **It is a collaboration hub for companies around the globe**

Alberto Cassola – Linked Data for Parts Management 16

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- **Mater Data File (MDF) technology**
- **\$5.5 B in savings frm the elimination of duplicate parts cross Fortune 100 companies.**
- **Detect duplication parts by searching thru non-geometric attributes.**

Thank you

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