

ECM

Engineering Change Management

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Product Data Exchange

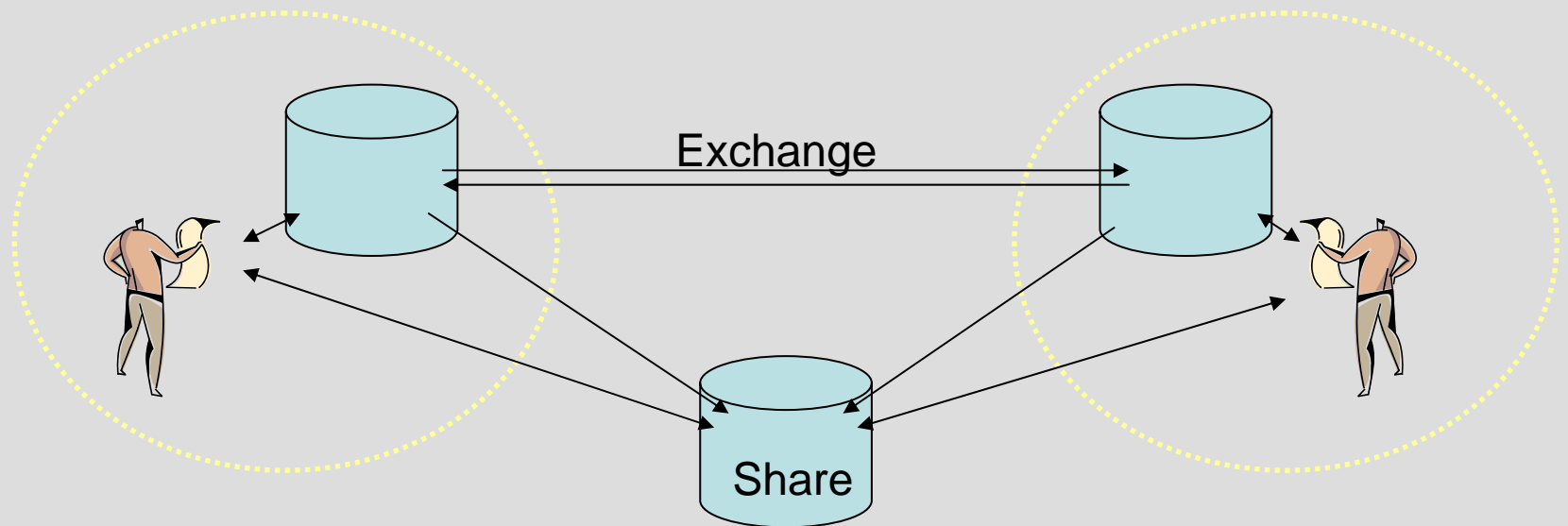
Standards and technology for Product Data Exchange exists:

- ISO 10303- 203 1994
 - ISO 10303- 212 2001
 - ISO 10303- 214 2000
 - ISO 10303- 239 PLCS 2005
 - PDM Schema 1999
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- ISO 10303- 11 (EXPRESS) 1994
 - XML
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- A number of providers of technology and methods ...



Product Data Exchange

- We have the technology to exchange or share data
- Methods and support to manage changes across business is a natural next step
- Internal routines mostly exist, terminology and processes needs tuning



ECM@AIAG



- Regular workgroup since 2003
- Mr. Akram Younas AIAG chair
- ECM identified as the #1 problem area within product development
- Cost for each ECO is estimated to an average of 50 k\$
- Different terminology for practically identical processes

Automotive
Industry
Action
Group

Erik Höppö UTID

2006-11-08

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SCANIA

ECM@GALIA



- Regular workgroup since 2004
Renault, PSA, Siemens VDO, Faurecia
- Focus on enhancement of communication with Tier1 suppliers

Groupement pour
l'Amélioration des
Liasons dans
l'Indústriie
Automobile



ECM@VDA



- Active and widely anchored workgroup
- Mr. Jürgen Scharpf DC chair
- Definition of the details in the Change Management process
- Proposal of process and data model
- Publishing VDA recommendation 4965
- Issuing change Requests towards ISO 10303 AP 214

Verband
Der
Automobilindustrie

Erik Höppö UTID

2006-11-08

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SCANIA

ECM@Sweden



- ECM initiatives:
 - ECM@IVF
IVF and Kongsberg as active partners
 - ECM@OdetteSWE
Supplying input to ECM@SASIG
Volvo and Scania as active partners



ECM@SASIG



- Active workgroup with domain experts representing...
AIAG GALIA JAMA/JAPIA OdetteSWE VDA
- Mr. Jürgen Scharpf DC chair
- Using VDA 4965-1 as basis
- Defining neutral process and terminology
- Issuing CR towards AP 214

Strategic
Automotive product data
Standards
Industry
Group

