STEP AP 242 : liens avec les autres standards d'interopérabilité PLM

La vue de l'ASD SSG

Yves Baudier, Airbus Group Innovations
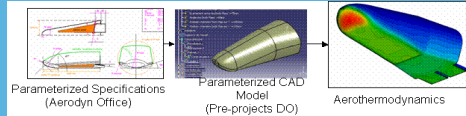Chairman ASD SSG

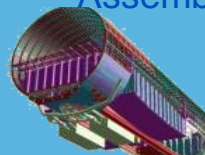**AeroSpace and Defence** Industries Association of Europe

ASD

AAI ADIG
Austria

SBAC
United Kingdom

GEBECOMA
BSDI
Belgium

SaSaD
Turkey

ALV ČR
AOP ČR
Czech Republic

SAIG
Switzerland

Denmark FAD

SAI
FIF
Sweden

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ATECMA
AFARMADE
Spain

France GIFAS
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DANOTEC
AIP
Portugal

Germany BDLI
BDI

APADI
Poland

Greece HAIG

NDIG
Norway

Ireland
FAEI

The Netherlands

Italy AIAD

NAI
NIID
Luxembourg
LAI

20 member countries*
30 member associations
Representing
more than
2000 companies
and around
675.000 employees

GIFAS
Commission des
Technologies de
l'information

**ASD Strategic
Standardisation Group**

AFNeT   afnor NORMALISATION   BNAE   GALIA   GIFAS   micado   PLM lab une association

Standards Governance

Concept Development

Design, manufacture & Assembly

Validation & Certification
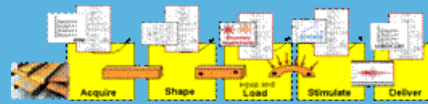
Operations

« Full virtual concept »

« Full 3D configured DMU»
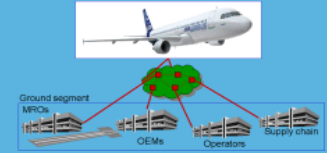
« Full virtual rigs »
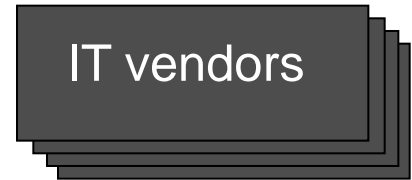
« Full virtual A/C enabled services »

Strategic Standardisation Group

Business Scenario & Use Cases
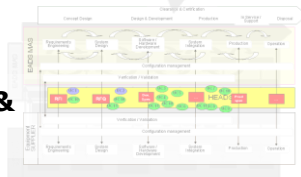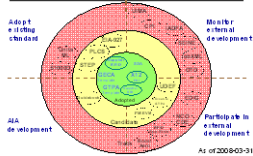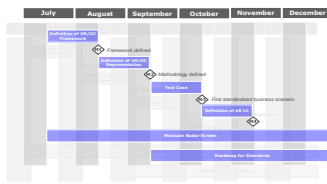
IT vendors

Standardisation bodies & projects

Radar Screens

Roadmaps

ASD SSG members and links

Overview of the ASD SSG public web site

http://www.asd-ssg.org/

Interoperability framework: organizing the tools to master business requirements and consistency

Business Scenario & Use Cases

Life Cycle Gap Analysis

Identify & describe the need
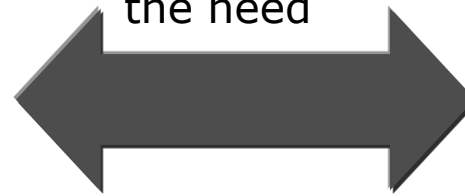
Radar Screen
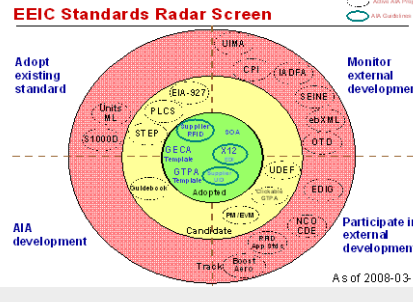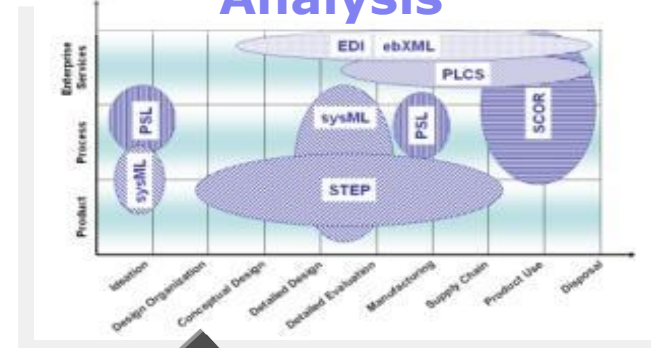
Address the need

Roadmap
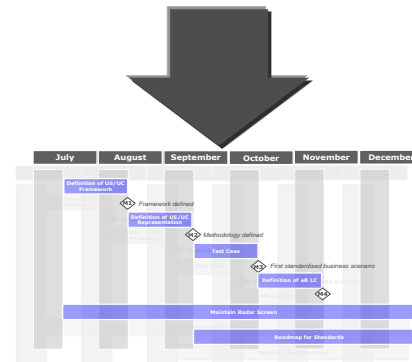
Develop standards & policies

Radar screen
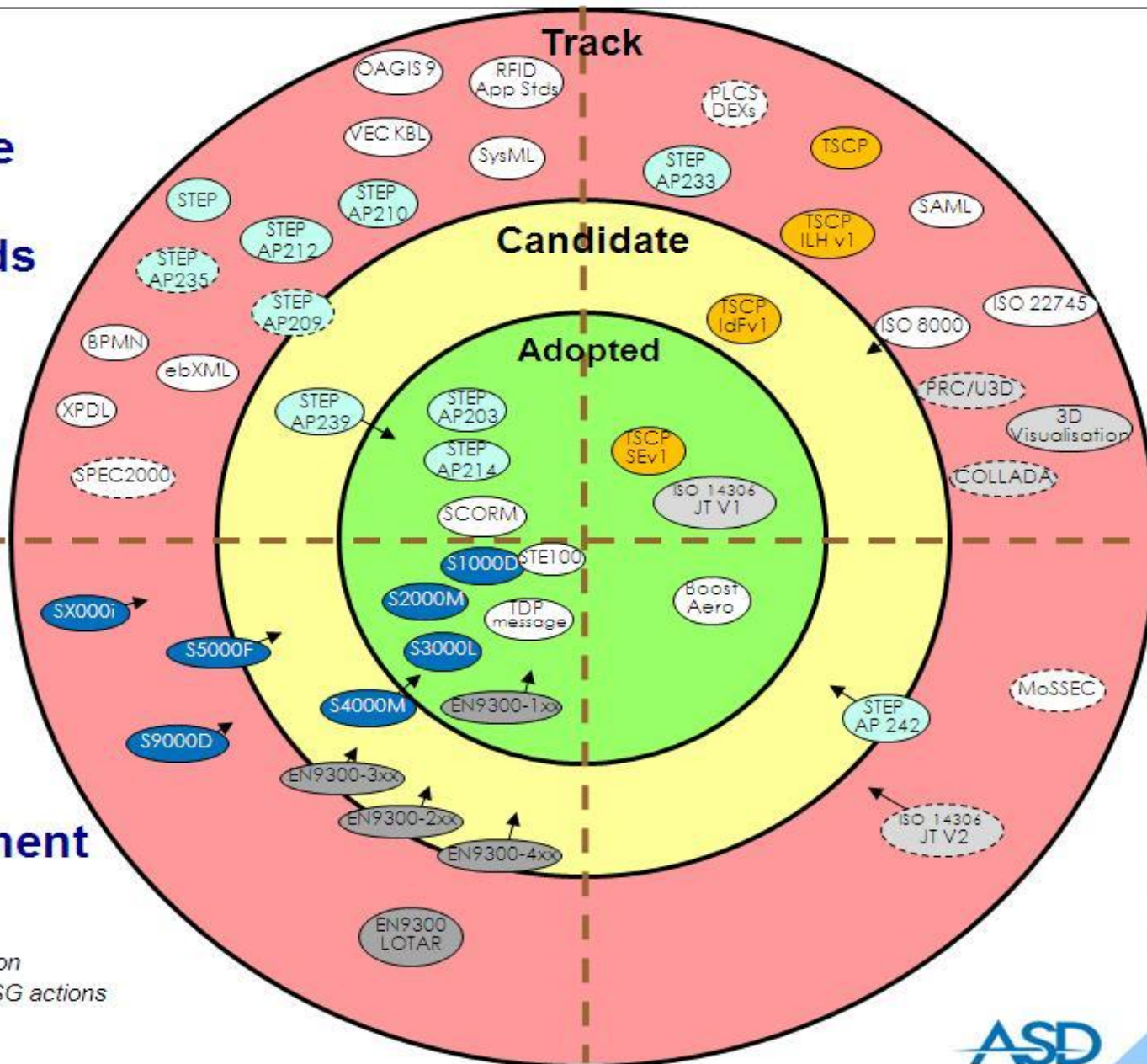
Une vue du paysage
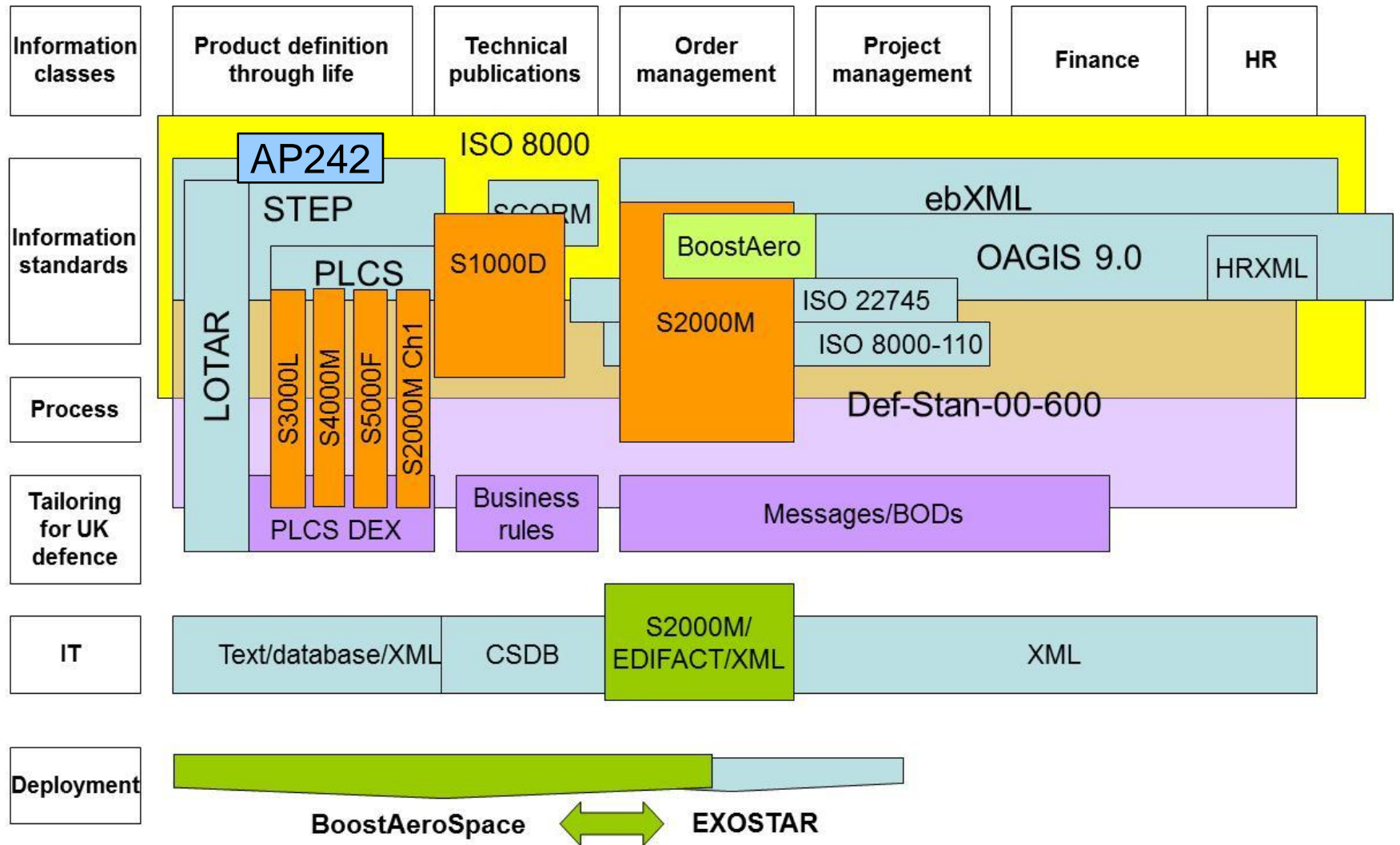
Backbone of standards for interoperability
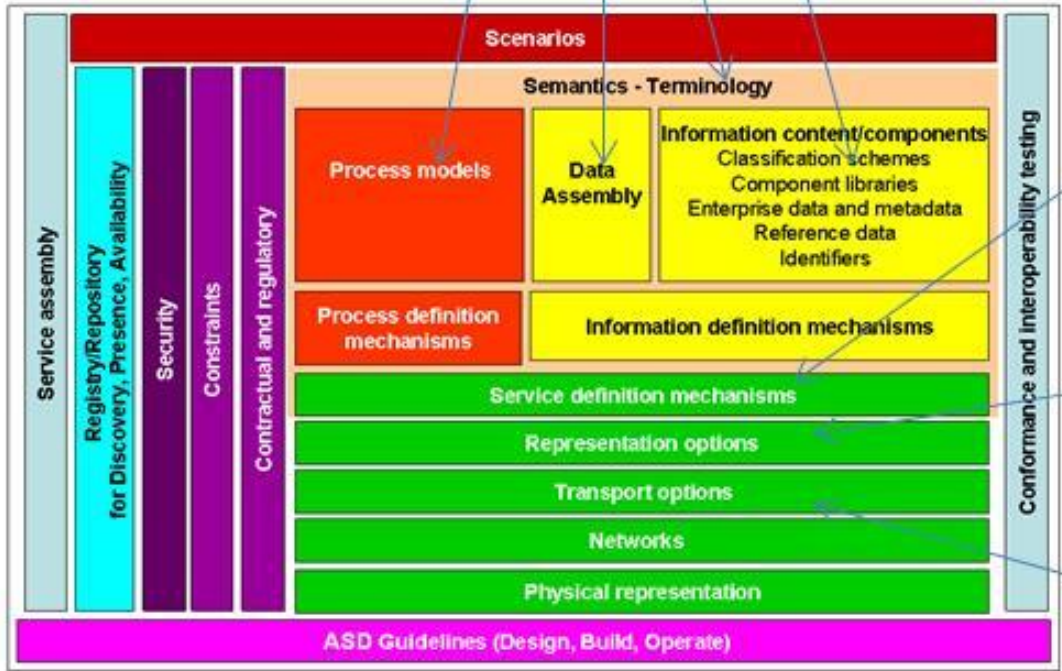
The core suite of STEP standards for PLM interoperability

Example of ASD SSG results
Statement on ISO 14306 JT Ed1 and Ed2 - 11 January 2012
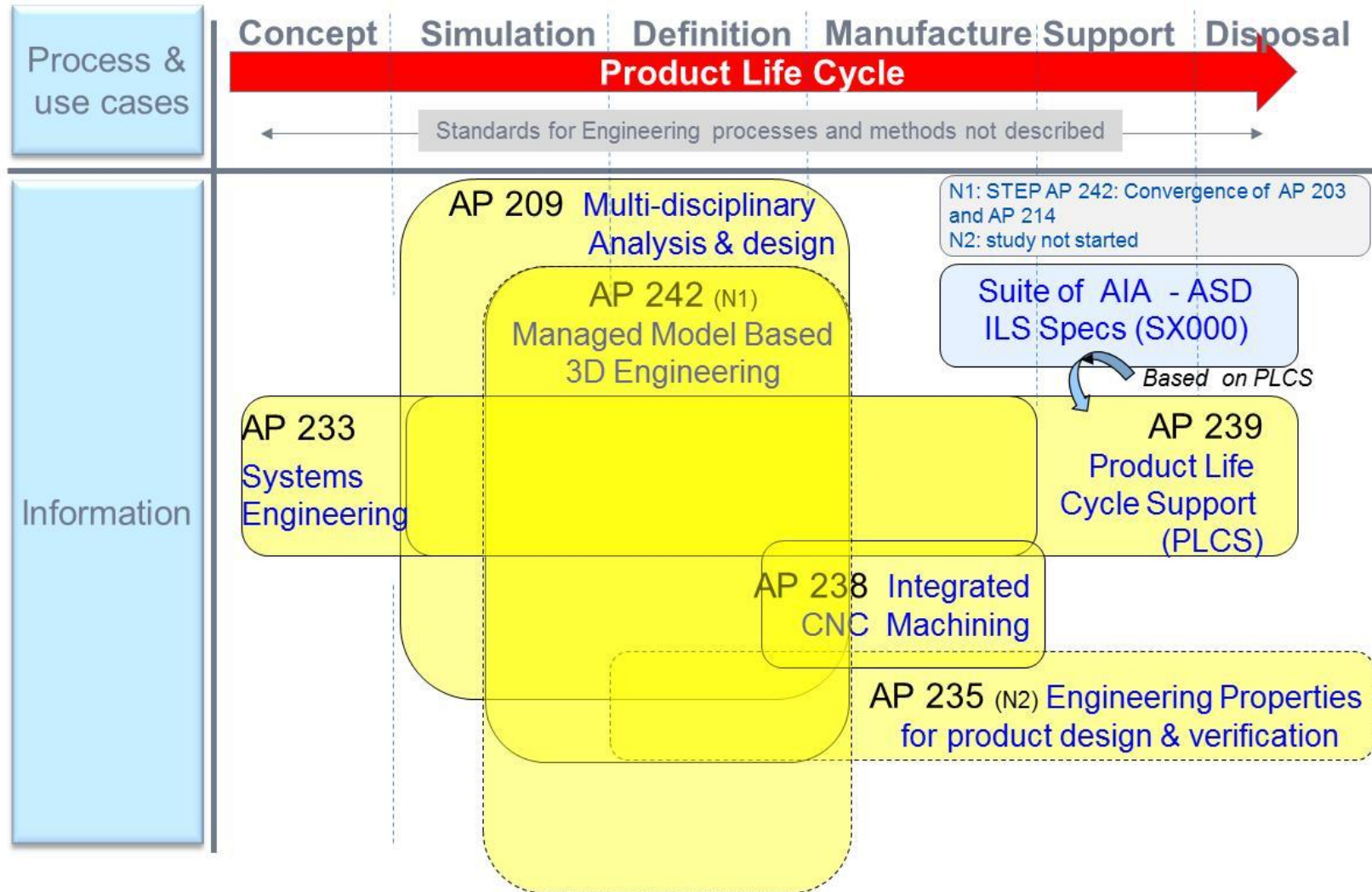
ASD Strategic Standardization Group

Welcome!

| s | Projects | Radar Chart | ▶ Results | Meetings | Planning | Publications | Contacts |

Statement on ISO 14306 JT Ed1 and Ed2 - 11 January 2012

JT version 9.5 has successfully reached the International Standard (IS) status in December 2012, as ISO 14306 "JT file format specification for 3D visualisation" (also known as "JT Edition 1").

ASD recognises the use of ISO 14306 as suitable for 3D light visualization, limited to the 3D tessellated geometry and 3D "JT BREP" representations - See JT blip.
As stated in ISO 14306: "The following are outside the scope of this International Standard:
- The implementation of, or definition of a run-time architecture for viewing and/or processing JT data;
- Long term data retention;
- non-faceted geometric data exchange"
In accordance with this, ASD does not recommend its members to use ISO 14306 for CAD 3D exact geometry data exchange or for CAD 3D long term archiving – See LOTAR blip.

In accordance with ISO /TC 184 /SC 4 resolution J of June 2012 Stockholm meeting regarding the ISO JT Ed 1 Ballot, ASD supports the development of ISO 14306 Edition 2 "including but not limited to replacing XT Brep and JT Brep with STEP curve, surface and Brep entity definitions and extending the scope to include external references to support semantic PMI for assemblies and other requirements from AP 242". The related New Work Item Proposal was adopted by ISO in December 2012.

Merci pour votre attention